2016/2017

UNDERGRADUATE COURSE CATALOG

Bryant University

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UNDERGRADUATE

Bryant has built its reputation on educating business professionals and leaders. The **COLLEGE OF BUSINESS** offers the following degree programs.

With a traditional **Bachelor of Science in Business Administration (BSBA)** degree, you can concentrate in any of these areas: Accounting (p. 60) | Computer Information Systems (p. 61) | Entrepreneurship (p. 63) | Finance (p. 64) | Financial Services (p. 64) | Global Supply Chain Management (p. 67) | Human Resource Management (p. 77) | Management (p. 77) | Marketing (p. 80).

You may major in **Bachelor of Science in Information Technology (BSIT)** (p. 69)**.**

For those more globally focused, you may pursue a **Bachelor of Science in International Business (BSIB)** (p. 70) with a concentration in Accounting | Computer Information systems | Entrepreneurship | Finance | Global Supply Chain Management | Human Resource Management | Management | Marketing. Please note that these programs have different requirements than those of the BSBA concentrations - click on the "Majors" tab of the International Business Program page for specific requirements.

Business programs are enhanced by a minor in the liberal arts, emphasizing the importance of developing the whole student. All students in business administration are required to complete a liberal arts minor.

The **COLLEGE OF ARTS AND SCIENCES** offers two degrees:

A **Bachelor of Science** with majors in Actuarial Mathematics (p. 40) | Applied Economics (p. 19) | Applied Mathematics and Statistics (p. 40) | Biology (p. 50) | Environmental Scienc (p. 50)e.

A **Bachelor of Arts** with majors in Applied Psychology (p. 16) | Chinese (p. 45) | Communication (p. 18) | Economics (p. 19) | Global Studies (p. 31) | History (p. 34) | Literary and Cultural Studies (p. 25) | Politics and Law (p. 35) | Sociology (p. 38) | Spanish (p. 45).

All Arts and Sciences students complete a business minor and may elect to take additional business courses, not to exceed a combined total of 30 credit hours in the College of Business.

2016/2017 Undergraduate Academic Calendar

Fall Term – 2016

Residence Halls Open:	
New Students	Saturday, September 3
Returning Students	Sunday, September 4
Opening Weekend	Saturday, September 3 through Monday, September 5
Classes Begin:	
Undergraduate Day and Evening	Tuesday, September 6
Convocation	Wednesday, September 7 - 3 p.m.
Add Period Ends	Tuesday, September 13
Drop Period Ends	Tuesday, September 20
Freshmen Mid Term Grades Due	Wednesday, October 19
Last Day for "W" Grade	Friday, November 11
Day Classes End	Tuesday, December 13
Evening Classes End	Tuesday, December 13
Day Examination Period	Wednesday, December 14 through Wednesday, December 21
Evening Examination Period	Wednesday, December 14 through Tuesday, December 20
Term Ends	Wednesday, December 21
HOLIDAYS:	
Columbus Day	Monday, October 10
Thanksgiving Recess	Begins with Tuesday evening classes on November 22 and ends on Sunday, November 27

Winter Term – 2017

Classes Begin	Tuesday, January 3
Classes End	Friday, January 20
*Classes will meet Saturday, January 7 and 14 (If needed Snow day, Saturday, January 21)	
HOLIDAY:	
Martin Luther King Day	Monday, January 16

Spring Term – 2017

Residence Halls Open:	
Freshman Students	Sunday, January 22
Bryant IDEA (Innovation and Design Experience for All) Freshmen	Monday, January 23 - Wednesday, January 25
Residence Halls Open:	
Sophomore, Junior and Senior Students	Tuesday, January 24
Orientation (New Students)	Wednesday, January 25
Classes Begin:	
Undergraduate Day and Evening	Thursday, January 26
Add Period Ends	Thursday, February 2
Drop Period Ends	Thursday, February 9
Freshmen Mid Term Grades Due	Wednesday, March 8
Last Day for "W" Grade	Friday, April 7
Research and Engagement (REDay) (No Day Classes Meeting)	Wednesday, April 12
Day Classes End	Monday, May 8
Evening Classes End	Monday, May 8
Day Examination Period	Tuesday, May 9 through Tuesday, May 16
Evening Examination Period	Tuesday, May 9 through Monday, May 15
Term Ends	Tuesday, May 16
Graduate Commencement	Thursday, May 18
Undergraduate Commencement	Saturday, May 20
HOLIDAYS:	
President's Day	Monday, February 20

Spring Break	Monday, March 13 through Sunday, March 19

Summer Term – 2017

Classes Begin (Day and Evening)	Wednesday, May 24
Day Classes End	Wednesday, June 28
Evening Classes End:	
Monday/Wednesday	Wednesday, July 19
Tuesday/Thursday	Tuesday, July 18
HOLIDAYS:	
Memorial Day	Monday, May 29
Independence Day	Monday, July 3 and Tuesday, July 4

Academic Centers, Institutes, and Initiatives

In addition to academic excellence in our undergraduate and graduate programs, Bryant University partners with other institutions, the local community, and global businesses through our academic centers and institutes to foster innovation at all levels.

Advanced Applied Analytics Center (AAAC)

The innovative Advanced Applied Analytics Center (AAAC) supports the broadening of the relationship between analytics, research, and the solution of realworld problems. It is designed to be "a regional beacon for analytics," according to Richard Glass, Ph.D., professor of computer information systems. Glass and Alan Olinsky, Ph.D., professor of mathematics and computer information systems, are the center's co-founding directors.

The Center is a hub of professional collaboration and a strategic resource for businesses and organizations that increasingly rely on analysis of big data to make effective decisions. It also is home to the University's applied analytics program, a multidisciplinary concentration that provides students with skills in integrating technology and analytical methods. Building on Bryant's core strengths, the program is one of the very few in the nation offered at the undergraduate level.

Center for Global and Regional Economic Studies

The Center for Global and Regional Economic Studies advances Bryant's mission of developing the global perspective of its undergraduate and graduate students through a variety of academic and research opportunities led by expert faculty as they work to generate new and valuable ideas for promoting economic development.

The Center contributes to the development of international and regional economic perspectives in the University's graduate and undergraduate students in a variety of ways, including interdisciplinary applied research, internships, regional and international outreach and workshops. The work of the Center offers challenging academic research experiences both for Bryant faculty and students here and abroad.

Center activities, including regional and international outreach, are led by the preeminent faculty of the Department of Economics at Bryant University in concert with students from all disciplines and with fellow faculty who hold positions in other departments at Bryant or at other distinguished institutions. All research associates have extensive hands-on experience working with empirical issues and data analysis.

Because research projects are such an important component of the Center's activities, the Center assists in securing grant funding for faculty research, teaching, and travel. The Center also organizes respected conferences and workshops. In addition, expert consulting and econometric services are available to companies and organizations.

Center for Program Innovation

The Center for Program Innovation is a catalyst for educational change.

Its initial task is the creation of a signature Bryant University learning experience – one that emphasizes experiential learning and integration across disciplines, two fundamental elements of Bryant's approach to education. The Center's director and the steering committee currently are partnering with faculty and Student Affairs staff to create a program that will be academically challenging, intensely hands-on, and fun.

Ultimately, the Center is a clearinghouse for information about program innovation taking place at other educational institutions, and hosts seminars and workshops to provide a forum for discussion of these issues.

Confucius Institute at Bryant University

Established in October 2006, the Confucius Institute at Bryant University (CIBU) was the first China-funded institute in Southern New England dedicated to the promotion of Chinese language and culture. This joint project between Bryant University and the Office of Chinese Language Council International (Hanban) offers resources to benefit students, educators, individuals, and businesses in Rhode Island and the local region. Named after the revered Chinese thinker, educator, and philosopher, the Confucius Institute is managed by the U.S.-China Institute at Bryant University in collaboration with the China University of Geosciences at Wuhan.

The Executive Development Center (EDC)

The Executive Development Center (EDC) offers business and professional certificate based programs that provide high-level management skills in critical business areas for executives, high-potential managers and growth-focused corporations. The EDC provides customized educational programs, executive retreats, and skill based certificate programs to national and international corporate clients. Its services also include open enrollment courses and professional certificates in Business Management, Non-Profit Management, Professional Coaching, Leadership, Sales, Human Resources Management, Lean Six Sigma, Financial Planning, Project Management and Business Analysis. The EDC can develop customized programs or tailor existing programs to meet a company's business needs and budget. These programs can be delivered onsite or at the Bryant campus.

For more information, please contact:

- Executive Development Center
- Bryant University
- 1150 Douglas Pike
- Smithfield, RI 02917-1283
- Phone: (401) 232-6200
- Fax: (401) 232-6704

- E-Mail: edc@bryant.edu
- Web: edc.bryant.edu

Hassenfeld Institute for Public Leadership

The Hassenfeld Institute for Public Leadership at Bryant University provides public officials and others involved in the development, management, and execution of public policy with the tools and skills needed to make informed decisions and manage responsive organizations in order to govern and lead public sector and non-profit organizations effectively.

The Institute's programs enable connections among people serving on city councils, town councils, and school committees. They are customized to meet the unique needs of participants. Bryant University faculty lend their expertise to lead discussions and answer questions.

Institute for Family Enterprise

The Institute for Family Enterprise (IFE) was established at Bryant University in 1990. It is dedicated to helping family-owned firms manage the unique challenges associated with operating a successful family enterprise. Since its establishment, IFE has assisted families in business to plan, strategize, and manage their key decisions. In doing so, the Institute has formed enduring relationships with scores of families, and takes pride in knowing it has played a major role in the preservation of the rich legacy of family entrepreneurship in southeastern New England.

For more information, please contact:

- Institute for Family Enterprise
- Bryant University
- 1150 Douglas Pike
- Smithfield, RI 02917-1284
- Phone: 401-232-6477
- Fax: 401-232-6416
- Email: ife@bryant.edu.
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The John H. Chafee Center for International Business

The John H. Chafee Center for International Business prepares managers and students to face the challenges of global competition. The array of international services to help businesses range from export training, research, and consulting to arrangements for trade missions and trade shows. The center also oversees domestic programs including business development, e-business solutions, and product entrepreneurship. The Chafee Center houses state-of-the-art technology for programs that serve businesses throughout the country.

Moreover, The Chafee Center embodies Bryant University's commitment to expanding the world of opportunity for Bryant students. The center enhances the integration of the University's disciplines, divisions, and services in providing students with the global perspective they will need to enter the marketplace and prepare for the challenges of the 21st century.

Rhode Island Export Assistance Center

The Rhode Island Export Assistance Center (RIEAC), located in the Chafee Center, assists companies in selling their products or services in the global marketplace. The RIEAC offers comprehensive services on international trade operations, international trade training, trade information, consulting, trade show, and trade mission supports. Through its training programs, the RIEAC offers valuable information to companies interested in global trade. The center hosts World Trade Day, an annual event that brings hundreds of businesses together for a conference featuring trade experts, informational sessions, and interaction with foreign representatives.

Global Partnerships

The John H. Chafee Center for International Business enhances business through private and public sector partnerships with organizations such as the United States Department of Commerce, the United States Department of Education, the United States Small Business Administration, and state economic development agencies. Bryant University was the first private college to own a World Trade Center charter. The World Trade Center Association, Inc. (WTCA), with headquarters in New York City, has more than 500,000 affiliated companies and 300 centers in nearly 100 countries. The University offers these international business services in partnership with the State of Rhode Island. Bryant also manages the Rhode Island International Trade Directorate for the state of Rhode Island, through the RIEAC, which is funded by Bryant University and the Rhode Island Economic Development Corporation.

Student Development

The John H. Chafee Center for International Business offers students at Bryant University exciting opportunities to enrich their education. Students can attend any of the hundreds of programs offered each year to the business community. Also, the center offers students a living business laboratory where they can learn the practice of their disciplines. By working under the guidance of faculty members and professionals on class projects, internships, or directed studies, qualified students have the opportunity to refine their classroom knowledge with "real-world" experiences. With the help of the John H. Chafee Center for International Business, Professor Madan Annavarjula, Ph.D., professor of International Business and Strategy, established the IB practicum, where seniors work as consultants on real projects with local companies.

For more information, please contact:

- John H. Chafee Center for International Business
- Bryant University
- 1150 Douglas Pike
- Smithfield, RI 02917-1284
- Phone: (401) 232-6407
- Fax: (401) 232-6416
- E-mail: chafeecenter@bryant.edu
- Web: chafeecenter.bryant.edu

Research and Engagement Day

Bryant University's Research and Engagement Day (REDay) offers faculty, graduate, and undergraduate students as well as industry practitioners associated with Bryant University-related projects the opportunity to share their research and innovative academic accomplishments with the entire Bryant community.

Papers and programs that show scholarly research, Honors projects, and Bryant/Industry collaborations are presented. Also encouraged are presentations that explore the academic value of international educational experiences, community service

projects, internships, student organizations, and other teaching and learning outside of the classroom.

Rhode Island Economics Conference

The annual Rhode Island Economics Conference at Bryant University draws hundreds of the state's political, academic, business, and nonprofit leaders. The forum features robust discussions about the challenges facing the state economy, including the uncertain tax climate created by budget deficits and pension liabilities.

U.S.-China Institute

Located within the John H. Chafee Center for International Business at Bryant University is the U.S.-China Institute, which enhances Bryant's academic and business programs by connecting Bryant with Chinese academic and business institutions. Via the Institute, Bryant has forged a partnership with several Chinese universities and governmental agencies. These partnerships will encourage faculty and student exchanges, research collaboration, and joint educational, business, and cultural programs.

The academic programs offered by the U.S.-China Institute offer insights and perspectives about Chinese history, culture, language, and society. Through seminars and guided study tours, students, faculty, staff, and community members can experience first-hand the many facets of China and U.S.-China relations.

China Seminar Series

Every month during the school year, a prominent China scholar or expert is invited to Bryant to share his or her areas of expertise. The seminars are free and open to students, faculty, staff, and the general public.

Sophomore International Experience in China

The two week program offers an introduction to one of the oldest civilizations in the world. Through research, site visits, and cultural experiences, students can experience the complexities of Chinese culture and earn 3 credits upon completion of the program.

Summer Internship and Immersion

This 10-week program offers students an immersion environment to improve their language skills. In conjunction, students engage in an internship with a Chinese company to gain first-hand global business experience. The program offers up to 12 credits, including courses in Chinese language, history, and business.

Study in China

Working with partner universities in China, the U.S.-China Institute offers customized semester abroad programs for Bryant students. The program includes courses in language, history, culture, and business, and study trips throughout China.

Language Events

In collaboration with Bryant's Modern Languages Department, the U.S.-China Institute provides tutorial assistance, resources, events, and an immersion environment to make language learning relevant, effective, and fun.

Research and Exchange

The U.S.-China Institute creates opportunities for American and Chinese scholars and institutions to collaborate on research projects and academic programs through video conferences, online discussions, co-teaching, and site visits.

Resources

The U.S.-China Institute offers a range of academic and cultural resources, including a staff of China experts, the new Confucius Library, and a list of online resources.

Academic Regulations and Policies

All Bryant University students are responsible for complying with the rules, regulations, policies, and procedures contained in this publication, as well as those in other official University publications (e.g.: Student Handbook) and announcements which may be issued from time to time.

Academic Regulations

Credit Hour

As an institution of higher education, Bryant University holds the responsibility for determining and upholding standards related to the awarding of credit hours for student work consistent with national standards.

- One hour (50 minutes) of classroom or direct faculty instruction and a minimum of two hours out of class student work each week for approximately fifteen weeks for one semester.
- A least an equivalent amount of work as required outlined above for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work relating to the award of credit hours.

Bryant University ensures a minimum of 750 minutes of instruction per credit hour (2,250 minutes of instruction for a standard, three-hour course), regardless of mode of delivery. Winter and Summer terms offer accelerated courses, and the schedule is adjusted to meet the above standard.

Grading System

The grading system is as follows:

A	4.0	Excellent
A-	3.7	
B+	3.3	
B	3.0	Good
B-	2.7	
C+	2.3	
C	2.0	Satisfactory
C-	1.7	
D+	1.3	
D	1.0	Unsatisfactory
F	0	Failing
I		Incomplete (because of extenuating circumstances, the instructor has allowed additional time, usually two weeks, to complete the course.) The Incomplete is not included in calculating the GPA. If the Incomplete is not finished before the end of the next regular term (i.e., Fall or Spring terms), the grade will automatically be converted to an F. For purposes of this policy, "end of the next regular term" shall be interpreted to mean the last date on which that instructor's grades must be submitted.

AU	Audit grade. Grade not included in calculation of GPA.
P	Pass grade. Grade not included in calculation of GPA
W	Student is allowed to withdraw from a course without penalty up to and including the 10th week of classes.
WD	Student is allowed to withdraw from a term without penalty up to and including the 10th week of classes.
WP	At the discretion of the faculty member, student is allowed to withdraw without penalty after the 10th week of classes, but prior to the administration of the final exam.
WF	At the discretion of the faculty member, student is allowed to withdraw WITH penalty (failing grade) after the 10th week of classes, but prior to the administration of the final exam

In those cases where the instructor fails to meet the deadline date for submission of grades, the grade report will reflect the symbol NA, which means “Not available at time of processing of grade reports. Student must check with instructor for grade.”

Courses attempted at Bryant University are permanently recorded and appropriately calculated in the grade point average.

Add/Drop Policy

During the fall and spring terms, students may add courses for one (1) week after the first day of classes. Students have two weeks to drop classes after the first day of classes. Refer to the Office of the Registrar web page for add and drop deadlines for the winter and summer terms.

Grade Replacement Policy

Undergraduate students may have the option of replacing a grade in a course by retaking the course. The grade replacement policy is subject to the following conditions:

- For any one course this grade replacement option may only be used once. Also, credit for a repeated course may be used only once.
- This policy can be applied to a maximum of four different courses.
- For purposes of GPA calculation, the grade earned during the first course enrollment will stand until the recording of the final grade in the second enrollment is completed. When the second enrollment is completed, the grade for that second enrollment will become the grade used in all GPA calculations regardless of whether the grade earned is higher or lower than the grade obtained during the first enrollment.
- The transcript will record both course enrollments and the grade earned in each enrollment. The first attempt will be marked with an X to indicate grade replacement (e.g., XF, XD, XC).
- In the case of multiple attempts to achieve a passing grade in any one course, the X grade will apply only to the first attempt. The grades from all other attempts will be included in GPA calculations, which is consistent with the current policy
- Students will not be allowed to apply the grade replacement policy to a course in which there has been documented academic dishonesty that has not been reversed on appeal.
- The grade from the first attempt will continue to stand for those students who withdraw with a W or WP grade from the course during the second attempt. The grade for withdrawing with a WF during the second attempt will be an F for the course. Any type of withdrawal will count as one of the four allowed attempts.

A student who wishes to apply for grade replacement should petition the Undergraduate Advising Office. Petitions must be filed by the end of the Add/Drop period in the semester in which the student will complete the second attempt. The Director of Undergraduate Advising will review all applications, and may deny permission in cases where repeating a course will delay appropriate progress toward completion of the student’s academic program. A student may appeal the decision to deny a second enrollment to the department chair responsible for his or her primary academic program.

Academic Grievance Procedures

Students who have academic grievances are entitled to have their dispute reviewed by a formal and systematic process. The student must initiate the grievance process by obtaining a form in the Office of the Registrar that outlines the steps to be taken for this review. The deadline for students to initiate an academic grievance is the middle of the next regular semester. For purposes of this policy, “middle of the next regular semester” shall be interpreted to mean the date that mid-semester grades are due.

The Academic Grievance process should begin with a good-faith effort for resolution between the student and professor. In the event that an issue cannot be resolved between the student and professor, the student may subsequently take up the review with the appropriate Department Chair and then the Associate Dean and Dean of the respective college. If the issue cannot be resolved by the aforementioned steps, the student may request a hearing with the Undergraduate Student Academic Grievance Committee.

The Undergraduate Student Academic Grievance Committee shall hold hearings on academic grievances asserted by undergraduate students. The Committee shall meet only when the student has not been able to resolve the grievance through the faculty member, the Department Chair, and the Dean's level review. The Committee shall have the authority to make recommendations for disposition of grievances to the Provost. The Provost shall consider the recommendation, but shall not be bound by the recommendation; and his/her decision on the grievance shall be final. At each stage in the grievance process a written record that summarizes each party’s understanding and disposition is expected.

Academic Honesty Policy

A student’s education is the result of individual initiative and industry. A student indisposed to such an academic commitment will not gain an education at Bryant University. Each Bryant student, accordingly, understands that to submit work that is not his or her own is not only a transgression of University policy but a violation of personal integrity. A high standard of conduct in academic experiences is expected of each student.

The academic community, therefore, does not tolerate any form of “cheating” – the dishonest use of assistance in the preparation of outside or in-class assignments. Such violations, which include forms of plagiarism, are subject to disciplinary action.

To preserve its commitment to the high standards of intellectual and professional behavior, Bryant University rewards intellectual excellence and expects intellectual honesty.

Academic dishonesty includes but is not limited to:

- plagiarism in any form;
- copying from another student’s examination, term paper, homework or lab report;

- intentionally missing an exam to gain an unfair advantage;
- submitting the same paper or report in more than one course without permission of the instructors;
- falsification or invention of data;
- unauthorized access to or the use of the computerized work of others;
- misappropriation of examination materials or information;
- giving illicit aid on exams, papers, or projects.

Lack of knowledge of the above is unacceptable as an excuse for dishonest efforts.

Procedures and Penalties

A student must be informed of any accusations of alleged academic dishonesty from any member of the Bryant community. The procedure for handling cases is as follows:

1. If the case occurs with respect to an individual professor and course, the case should be dealt with by the professor. The student may be penalized up to and including failure in the course and expulsion from the class. The professor must file a report with the Department Chair. In the event that an issue cannot be resolved between the student and professor, the student may subsequently take up the review with the appropriate Department Chair and then the Associate Dean and Dean of the respective college. If the issue cannot be resolved by the aforementioned steps, the student may request a hearing with one of the following committees:
   - In cases of academic dishonesty related to a grade for a course assigned by a professor, the appeal will be heard by the Undergraduate Student Academic Grievance Committee.
   - In cases of academic dishonesty related to the alteration of a grade that was recorded in the University information system or misappropriation of examination materials or information, the appeal will be heard by the Undergraduate Student Disciplinary Committee.
2. Any member of the Bryant University community may bring an alleged violation of this academic code directly to the attention of the Dean of the respective college.

The appropriate committee will report its findings to the Provost for final disposition.

Advanced Standing

Bryant University awards up to 30 credits for scores of 3 or higher on some of the Advanced Placement (AP) tests available through the College Board. Each AP exam must be reviewed and approved by Bryant's Office of Admission. Bryant University will consider granting up to 12 credits for a limited number of subject examinations available through the College Level Examination Program (CLEP). Credit may also be awarded to students who have successfully completed military service schools as qualified by *A Guide to the Evaluation of Educational Experience in the Armed Services*. There are testing fees associated with several advanced placement tests.

Students who have significant, relevant work experience may also satisfy certain course requirements through departmental testing programs. Challenge Exams are available to students who believe they have acquired, through employment and/or independent study, the knowledge and skill that is equivalent to a Bryant University catalog course. To sit for a "challenge examination" a student must apply through the appropriate department chair and pay the associated fees.

Recognizing the strength and quality of the curriculum offered by the International Baccalaureate Program, Bryant University grants advanced standing credit for acceptable higher level exams with a score of 5, 6, or 7. Bryant awards up to 30 credits based on the particular curriculum requirements. Incoming freshmen students can transfer in a maximum of 30 credits for any combination of the following: Advanced Placement exams, International Baccalaureate Program with acceptable higher level exams, College Level Examination Program and credit earned and appearing on a college or university transcript with a 'C' or better.

Attendance and Make-up Policy

The academic experience takes priority over all other activities. Accordingly, full attendance and participation in classes are expected of all students and is the responsibility of all students. Because of the unique nature of each course, teaching style, course objectives, and student situation and performance needs, the class professor is in the best position to determine fair and reasonable attendance and make-up policies for is/her course. Guidance on developing attendance and makeup policies can be provided by the department chair. The professor's attendance and make-up policies shall be clearly defined in the course syllabus.

While professors have wide latitude in determining to what degree attendance and/or class participation may count toward the course grade, they are expected to make reasonable accommodations for students to make-up missed exams or assignments under the following documented circumstances:

- The student is away from campus attending an official University function or is representing the University in an official capacity (e.g. professional meeting, conference, as a member of a judging team, academic or athletic competitions, etc.).
- Required military duty as certified by the student's commanding officer.
- Jury duty.
- Illness or injury sufficient to prevent class attendance.
- Death or serious illness in the family.

Students are to contact the Office of the Registrar in the event of situations requiring prolonged absences. In turn, the Office of the Registrar will provide initial notification of the student's absence to her/his professors for the current term. However, this will not preclude or replace the necessary communication between the student and the professor regarding the absence.

Academic Program: Declaration of Major/Concentration

All undergraduate students are required to officially declare a major/concentration by the end of the second semester of their sophomore year. Students in the College of Arts and Sciences must declare their major. In addition to the concentration declaration, students in the College of Business must also declare their required liberal arts minor.

To officially declare a major/concentration or minor, students must complete a "Major/Concentration Declaration Form" or "Minor Declaration Form."

Forms are available from either the Registrar's website or the Undergraduate Advising website. These forms must be completed and signed by the student's academic advisor and the Department Chair/

Coordinator for your major/concentration or required minor. Submit the signed forms to the Office of the Registrar.

Students who do not complete the official process of declaring their major/concentration or required minor will have a registration hold placed on their Banner account in the fall of the junior year. The hold prevents registration for spring semester courses.

Double Major or Concentration

Students in good academic standing may choose to develop a double major or concentration. To do so, the student must satisfy the degree requirements for both majors/concentrations. This may mean that students will need to take courses beyond the 122-hour degree program requirement. Students must complete a "Major/Concentration Declaration Form for both majors or concentrations.

Dual Degree

At the undergraduate level, students must take the equivalent of a full year of study beyond the first baccalaureate degree to earn the second degree. Eligible students are those students in good standing. An application for pursuing dual degrees must be submitted to the Director of Undergraduate Advising in consultation with an academic advisor by the end of the sophomore year. To be awarded two baccalaureate degrees, the student must satisfy the program requirements for both degrees and complete 30 credit hours beyond the first degree for a minimum total of 152 credits.

Limitation Period for Degree Candidates

Degree requirements are normally to be completed within four years, although students may take up to five years. Additional time, up to 10 years from the date of matriculation, may be granted upon formal request to the Director of Undergraduate Advising. Students who have been withdrawn for more than two consecutive regular semesters are designated as former students. Former students must reapply through the Admission Office and must meet all course, distribution, and quality requirements in effect at the time of reentry.

Withdrawing From Bryant

Students are considered active and responsible both academically and financially unless they withdraw formally from the University. All undergraduate students who plan to withdraw from Bryant University are required to notify and complete an official withdrawal form in the Office of the Registrar. At that time, the student will complete an exit interview and be advised about his/her obligations to the University. The withdrawal form can be processed immediately or at the end of the term and the student's intent to withdraw will be communicated to the appropriate offices. Additional future registrations and housing will be canceled.

Residency Requirement

All matriculating students at Bryant must complete the last 30 credits (10 courses) of their degree requirements at Bryant. If a student lives a considerable distance from the University so as to preclude commuting, he/she may petition the Director of Undergraduate Advising to complete no more than the last six credit hours at an approved institution. None of this work may be in the student's area of concentration, and only one of the two courses may be in the business area. The petition will be considered for approval provided that the student has matriculated for at least 30 credit hours, and has no more than six credits remaining to meet the distributive requirements, and otherwise meets the standards of academic progress. The University is prepared to accept up to 92 semester hours credit in transfer from a four-year institution and up to 62 semester hours credit from a two-year community college or institution. Courses that are transferred are for credit only and are not calculated into the grade point average (GPA). Students who have reached junior standing (62 credits passed) may not transfer credits from a junior college.

Business Credit Hours

At least 50 percent of the business credit hours required for the business degree must be earned at Bryant University. This statement applies to both the residency requirement and limits on transfer credits.

Limits on Transfer of Credits

In addition to meeting the residency requirements, students will be eligible to receive transfer credit, subject to the distributive requirements of the degree program that the student expects to pursue at Bryant University. Upper division professional courses are not eligible for transfer credit unless they have been taken at the appropriate level at an acceptable institution. Professional courses that are not transferable may be acceptable through validation. The University follows a policy that only those courses that carry a grade no lower than a "C" will be evaluated for possible transfer.

Academic Standards of Progress

The academic standards of progress measure a student's advancement toward meeting the grade point average requirements for a degree.

Requirements for a degree include a minimum grade point average of 2.0 in three categories:

1. major/concentration
2. minor and
3. overall [cumulative].

To be eligible for a degree, a candidate must have completed the required number and distribution of courses and have met the other requirements of the University.

Academic Standards of Progress - Performance

Academic performance is calculated and posted on the grade report and transcript. For traditional students, the academic performance is calculated at the end of the fall and spring terms.

For nontraditional students, this will occur at the end of the spring term each year.

Academic performance is posted on the transcript and grade report according to the following levels.

President's List

Traditional (full-time) students – Students earning a semester GPA of 4.0 on at least 12 academic credits in a regular semester of coursework will be named to the *President's List*. Traditional students will be named to the *President's List* each term after final grades have been calculated and the standards of progress have been processed.

Nontraditional (part-time) students – Students taking at least 12 academic credits over two regular semesters of coursework in the academic year and earning a GPA of 4.0 on all academic credits taken during these two semesters will be named to the President's List.

Nontraditional students will be named to the *President's List* at the end of the spring term each academic year after final grades have been

calculated and the standards of progress have been processed. (Note: Special sessions are included in the calculation.)

Note for both Traditional and Nontraditional students: Students are not eligible retroactively for a President's List designation under the Grade Replacement Policy.

Example: Student receives four As and one D in Spring 2006. In Fall 2006, student applies to replace the "D" class and re-registers it. The student will not receive the designation award for the Spring 2006 semester, even after the D is modified to XD.

Dean's List
Students with a grade point average of 3.4 or better on at least 12 semester hours of work in the regular semesters will be named to the Dean's List.

Good
This means that the student is in good academic standing; his or her semester AND cumulative GPA is greater than or equal to 2.0.

Warning
In this situation, the student has achieved a semester GPA below a 2.0 but has a cumulative GPA greater than or equal to a 2.0.

Probation 1
This indicates that the student has entered the first phase of academic difficulty with a cumulative GPA less than 2.0.

Probation 2
The student, on Probation 1, has made "satisfactory" progress toward the degree by earning a semester GPA greater than or equal to 2.0; however the cumulative GPA remains below 2.0.

Dismissal
This occurs when the student has been through Probation 1 and 2 without having raised the cumulative GPA to a 2.0 or better.

The student is academically dismissed from the University; and in general the student is required to take a one regular semester leave of absence. Students on dismissal status are not eligible to enroll for courses at Bryant University. This includes winter and summer terms.

Immediate Appeal Process
A dismissed student who believes there are extenuating circumstances surrounding his or her academic standing can apply for a hearing with the University Committee on Scholastic Standing (UCSS). Successful appeals most often relate to special circumstances within a semester that clearly caused the student to be distracted or incapacitated. These typically include significant medical issues (physical/mental), family crises, or legal issues. Other successful appeals involve demonstration of improved performance with supportive letters from University faculty or staff.

Documentation for such appeals should be primarily from professional sources such as physicians, therapists, clergy, attorneys or educators. In documenting the death of a relative or close friend, documentation should include a funeral or obituary notice. All documentation must be verifiable.

If the UCSS denies a hearing for an immediate appeal, the dismissed student can apply for a hearing to the Provost or his/her designee. If the Provost grants a hearing for an immediate appeal, the student will no longer have any recourse with the UCSS. If the Provost denies a hearing for an immediate appeal, the dismissed student is required to take a semester leave from Bryant University.

If the immediate appeal to the UCSS is granted, students must appear before the UCSS to apply for reinstatement. Students must provide evidence that their academic performance will be significantly improved upon their reinstatement.

If reinstatement is denied, the student may appeal the decision to the Provost or his/her designee and will no longer have any recourse with the UCSS.

If reinstatement is approved and the student fails to achieve the conditions specified by the committee, the student will be permanently dismissed from Bryant University.

Reinstatement Process for Students Returning After a Regular Semester Away
Dismissed students returning after up to three regular semesters away from Bryant must appear before the UCSS to apply for reinstatement. Students must provide evidence that their academic performance will be significantly improved upon their reinstatement. Suggested evidence would include grades from courses taken while away and a detailed plan outlining steps for academic success.

If reinstatement is denied, the student may appeal the decision to the Provost or his/her designee and will no longer have any recourse with the UCSS.

If reinstatement is approved and the student fails to achieve the conditions specified by the committee, the student will be permanently dismissed from Bryant University.

Those dismissed students who are petitioning to return after being away from Bryant for more than two academic years must reapply to the University through the Transfer Admission Office.

Note Well: Students on dismissal status from Bryant University are NOT eligible to enroll in classes at the University for any term.

Students who are eligible to appeal their dismissal status may enroll in the Winter or Summer terms on a non-matriculated basis.

Grades earned by students while on a non-matriculated basis will be posted to the transcript, but will not be averaged in the GPA calculation.

The student's GPA calculation and academic status will remain unchanged until such time as the student is readmitted to the University and has met any and all conditions set forth by the University Committee on Scholastic Standing or the Provost.

Academic Renewal Policy
A student who has been academically dismissed or who has withdrawn from the University with a cumulative grade point average which places the student in the Dismissal category may apply for readmission under the provisions of the Academic Renewal Policy no less than 5 years later. This option is available only one time to qualified students. Grades of "C" or better, previously earned at Bryant University, will be treated as transfer credits when applicable. Academic recognition will not be granted for a combined total of more than 61 credits of course work earned at Bryant University or transferred to Bryant University.

Eligible students must apply for readmission to both the Office of Admission and the University Committee on Scholastic Standing (UCSS).

Academic Performance in *Major/Concentration Chart

The Academic Standards of Progress for Cumulative GPA in Major/ Concentration have been established as a warning system to alert students to any deficiencies in their academic progress and to provide a vehicle for corrective action.

Academic Standards for Cumulative GPA in *Major Courses

Credits Attempted in Major/Concentration	Major/Concentration GPA	Academic Performance
3 - 6	Less than 2.0	Unsatisfactory Progress in Major/ Concentration
7 - 12	Less than 2.0	Deficiency in Major/ Concentration
More than 12	Less than 2.0	Dismissal from Major/ Concentration
Degree Program Completed	Less than 2.0	Degree Deficient

* Refers to major or concentration GPA depending upon degree program.

Accreditations and Memberships

The College of Business at Bryant University is accredited by AACSB International--The Association to Advance Collegiate Schools of Business, and is one of only four Rhode Island colleges and universities to have received this prestigious national accreditation.

Bryant University is accredited by New England Association of Schools and Colleges, (https://www.neasc.org) Inc., through its Commission on Institutions of Higher Education. Inquires regarding the accreditation status by the New England Association should be directed to the administrative staff of Bryant University. Individuals may also send mail to the Commission on Institutions of Higher Education, New England Association of Schools and Colleges, at the mailing address sow here, (https://www.neasc.org/contact-us) telephone (781) 425-7785, or send email to cihe@neasc.org. (mailto:cihe@neascorg).

The College of Arts and Sciences at Bryant University is a member of the Association of American Colleges & Universities (AACU), the leading national association that supports the quality, vitality, and public standing of undergraduate liberal education.

Bryant is a member of the American Council on Education, the College Entrance Examination Board, and the Educational Testing Service of Princeton, NJ.

Bryant has been approved for membership by the American Association of University Women.

Bryant University is a full member of the Consortium for Undergraduate International Business Education (CUIBE).

Bryant supports the efforts of secondary school officials and governing bodies to have their schools achieve regional accreditation status to provide reliable assurance of the quality of educational preparation of its applicants for admission.

Disclaimer

This catalog is reviewed and revised annually to provide up-to-date information to students and other interested parties regarding all aspects of academic and administrative policies. Every reasonable effort has been made to determine that the information contained within is current, correct, and complete. Bryant University reserves the right to make changes whenever necessary.

Nondiscrimination Policy

Bryant University admits students of any race, gender, sexual orientation, religion, color, and national and ethnic origin to all the rights, privileges, programs, and activities generally afforded or made available to students at the school. It does not discriminate unlawfully on the basis of race, gender, sexual orientation, religion, color, or national and ethnic origin in administration of its educational policies, admission policies, scholarships and loan programs, and athletic and other school-administered programs. In addition, Bryant University does not discriminate unlawfully against the disabled and is in full compliance with the Rehabilitation Act of 1973, as amended.

Inquiries/complaints with regard to discrimination on the basis of race, gender, sexual orientation, religion, color or national or ethnic origin should be directed to the Vice President for Student Affairs

Bryant University
1150 Douglas Pike
Smithfield, RI 02917-1284
(401) 232-6046.

Persons may also contact Director, U.S. Department of Education, Office of Civil Rights, Region One, Boston, MA 02109, regarding the University's compliance with regulations.

Consent for use of likeness

Bryant University periodically takes photographs and/ or video of students, faculty, alumni, and staff on Bryant's campus and at official Bryant functions conducted off campus. Bryant reserves the right to use these images, likenesses, and/or voice with or without appropriate identification and may alter the appearance to conform with University standards.

Campus Highlights

Bryant's 428-acre campus in suburban Smithfield, Rhode Island, represents an inspired combination of contemporary architecture and the traditional beauty of the New England landscape.

The Unistructure

The modern and functional Unistructure houses most administrative and academic functions under one roof. A focal point of the Unistructure is the two-story plexiglass-domed Koffler Rotunda, the central gathering place for the Bryant community.

The Academic Innovation Center

The Academic Innovation Center (AIC) is a two story 48,000 square foot building and is an exciting new addition providing a venue for the latest groundbreaking techniques in teaching and experiential learning. Bright and spacious classrooms and lecture halls equipped with state of the art technology, a 4,000 square foot Innovation Forum, 25 break out rooms and a full service cafe provide a setting for group study, self-directed learning, team work and active learning and interconnectivity

with global resources.The AIC inspires design thinking and creative problem solving with tiered classrooms that encourage debate and build critical thinking and communication skills, flat classrooms that support flexible teaching styles that encourage collaboration, and the Innovation Forum. Prospective students and their families will start their campus tours at the AIC's Welcome Center and admission presentation room.

The George E. Bello Center for Information and Technology

The George E. Bello Center for Information and Technology is the centerpiece of Bryant University's campus. The Heidi and Walter Stepan Grand Hall, which serves as a space for exhibitions, receptions, and lectures, has The Linda and Jerry Cerce Media Wall with nine video monitors. A rotunda provides balconied meeting and study spaces. The 72,000-square-foot facility features the C.V. Starr Financial Markets Center, simulating real-life trading scenarios and real-world trading conditions that provide students with cutting-edge, hands-on training. Students, faculty, and staff have access to high-speed computers to support teaching, research, and business planning. All seating areas are equipped with Internet connectivity, and students may opt to use their personal laptops, or they may borrow one on site. In addition, there are reference and multi-function classrooms that can each accommodate up to 40 people with laptops, and 13 team study rooms with laptop power and network access available for small group meetings. The George E. Bello Center is equipped with state-of-the-art high-speed wireless connectivity. Students can roam in or outside the building with their wireless laptops, and maintain a connection to the Internet. For quiet study there is even a traditional reading room. Students also have access to presentation technologies, scanning, and digitation equipment. The Bulldog Bytes Café provides refreshments and computer access in a social setting. Also located in the Bello Center is Laptop Central, which serves as the Student IT Helpdesk and laptop repair center.

The Douglas and Judith Krupp Library

The Douglas and Judith Krupp Library, located within the George E. Bello Center for Information and Technology, is a dynamic learning environment merging traditional library services with extraordinary technologies. Wired and wireless Internet connectivity is abundantly available throughout the building. Display technologies inform students on local and world events. Seventy computer workstations provide access to over 50 computer software packages in addition to an impressive array of electronic information resources. Laptops, Kindles®, and iPads® are also available for limited loan periods. A variety of spacious, comfortable study areas including study rooms for group projects further enhance the learning experience.

The library houses more than 150,000 items, and current print and electronic journal subscriptions totaling more than 50,000 titles are available via the library's web portal. Students can access electronic subscriptions and electronic reserve readings from anywhere on campus. Off campus access to most of these resources is also available through a Bryant University account. Electronic resources include databases such as LEXIS/NEXIS Academic Universe, Proquest, EBSCO, Mergent Online, ARTstor, and the Value Line Research Center. Students using Google Scholar can connect to the library's knowledge base through the library's link resolver service.

Professional reference librarians are on duty more than 80 hours per week and offer personal assistance and/or group instruction on traditional and electronic resources. Reference librarians are also available electronically using chat room technologies, text messaging, or simply via email or phone. The Douglas and Judith Krupp Library is a member of OCLC, a global resource sharing consortium, and is also affiliated with local library cooperatives such as the Consortium of Rhode Island Academic and Research Libraries (CRIARL) and Rhode Island's Higher Education Library Information Network (HELIN). Through these library networks, students are able to get additional information needed for their research projects.

The Ronald K. and Kati C. Machtley Interfaith Center

Although Bryant is not religiously affiliated, we recognize the need to provide a special place for people of all faith perspectives to come together to express their spirituality and learn from one another. Designed to inspire all who enter, the Machtley Interfaith Center serves this vital function. Services for various religious faiths, concerts, and speakers discussing topics related to religion and spirituality are featured in this space throughout the year.

Model of Active Learning

Bryant continually upgrades its classroom facilities to ensure a unique learning environment designed to foster collaboration among students and educators. Bryant's Ideation Lab, modeled after similar workspaces in Google's headquarters, is a unique learning environment designed with walls of glass and whiteboard where students can write on every square inch of space.

Inside the George E. Bello Center for Information and Technology is a classroom that promotes innovation and applied learning, and affords faculty the opportunity to seamlessly integrate technology into their lessons. At its heart, Bello 102 is a video conference room with collaborative workstations, each with a 40-inch monitor to facilitate group work. Instead of tables and chairs, Bello 102 features modular pods with wheels, encouraging student teams to learn from one another.

These classrooms are flexible and utilized across multiple disciplines and support a team-based, active learning environment. The classrooms empower the use of technology as a supplement to deliver and engage with students.

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Language and Learning Laboratory

Bryant's advanced Virtual Language and Learning Lab facility provides access to tools and resources that prepare students to communicate in the international business environment. The resources offered from this facility help students develop conversational skills in Chinese, French, Italian, and Spanish.

The Lab offers an instructor's console station, 28 student computer workstations, and international television broadcasts of 150 programs from more than 80 countries. Students can also access the Lab's resources via the Internet from anywhere in the world. Advanced technologies from the Lab include Voice-Over-IP technologies for online group collaboration and tutoring and Video/Audio On-Demand resources that provide self-paced and interactive learning materials.

Koffler Center and Communications Complex

Koffler houses Bryant's Communications Complex, a state-of-the-art digital and multimedia TV studio.

Communications Complex – Main Floor – Koffler Technology Center and TV Studio/Radio Station

- The television studio serves as a pre- and post-production training ground for students enrolled in the communication degree program, those who minor in communication, or any member of the Bryant community who would like to learn more about video production.
- The studio has the capability to broadcast programming on campus.
- The 3,000-square-foot studio has a control room, three advanced multimedia editing/support rooms, and a multimedia classroom.
- The Communications Complex includes a dedicated studio for WJMF, Bryant's student-run radio station, which is broadcast worldwide via the web at WJMFradio.com and locally on 88.7HD2.

Communications Complex – Lower Level

- Sixteen (16) personal computers available for student use.
- Open evening and weekend hours.
- Software is replaced and updated in step with the latest technology.
- Windows is installed on every computer.
- The computers in the labs can print in black and white to the lab printer. An 800-page allowance is granted each year. After that, a 5¢ per page charge, which is applied directly to the student's Banner account. This charge will also apply to the Bello Center printers.

Communications Complex – Upper Level

- Faculty offices from various departments are located on this level.

Student Printing Facilities

- Students can print wirelessly via their laptop to several printers located on campus.
- Printers are available in the following locations:
  - Fisher Student Center, Krupp Library in the Bello Center, and on both the first and second floors of the M-wing in the Unistructure.
- An 800-page free printing allowance is granted each year. After that, a charge of 5 cents per black-and-white page and 50 cents per color page is applied directly to the students Banner account.

The Michael E. '67 and Karen L. Fisher Student Center

The Fisher Student Center was renovated in the fall of 2013 and has lounges and study corners; meeting rooms; dining facilities offering diverse food items from pizza to ice cream, snacks, sandwiches, and sundries; socializing space; a variety of student services; the bookstore; and student organization offices.

The Elizabeth and Malcolm Chace Wellness and Athletic Center

The two-story Chace Wellness and Athletic Center includes a six-lane pool, a multi-windowed 9,000 square-foot fitness center, The Eannarino Family Aerobics and Group Exercise Studio, and four locker rooms. The Mike '67 and Karen Fisher Lobby – a bright and airy atrium – creates an inviting main entrance to the entire athletic complex. The Wellness Center is a vibrant hub of health and recreational activities for the entire Bryant community.

The Gymnasium

Bryant's gymnasium houses athletic offices, exercise rooms, and basketball and volleyball courts. The seating capacity for the gym is 2,600. Many University-wide events are held in the gym, which is available to off-campus programs at certain times during the year.

The Multipurpose Activities Center (MAC)

The Multipurpose Activities Center (MAC) is the site for large University functions and sporting events. The MAC features a modern state-of-the-art sports training and rehabilitation center; offices for teams and athletic administration; racquetball and Squash courts; and multipurpose courts for popular intramural sports such as basketball, volleyball, team handball, indoor soccer, and floor hockey.

The Strength and Conditioning Center

The New Strength and Conditioning Center provides athletes with a 10,000 square foot high ceiling, glass enclosed platform overlooking the stadium and competition fields. Equipped with 12 weight platforms, 30 cardio/weight stations, a nutrition station, and an indoor turf sprint area, the Strength and Condition Center ensures that every student-athlete trains in the most biomechanically sound manner possible.

The Conaty Indoor Practice Facility

The Conaty Indoor Practice Facility provides Bryant athletes with a year-round enclosed and heated venue for all field sports. The 79,000 square foot structure encloses a full sized, 120-yard football turf field as well as locker rooms, storage, and mechanical space. Bryant is New England's only DI school offering such exceptional indoor facilities. This best-in-class facility enables members of the Bulldog men's and women's lacrosse, golf, football, baseball, softball, soccer, and field hockey teams to prepare for each season without delay, even during the harshest weather.

Athletic Fields and Outdoor Facilities

Thirty-five acres of athletic and recreational fields adjacent to the building include tennis courts, a 400 meter track, a 3.2-mile cross-country course, and playing fields for baseball, soccer, football, softball, rugby, lacrosse, and field hockey. Bulldog Stadium, an outdoor 4,400-seat facility, is used by the football, soccer, and lacrosse teams. Conaty Park, a first-class Division I baseball and softball complex, was opened in April 2012. There is also a golf tee and putting green.

Artificial Turf Field

This is the home field for the field hockey team. Located inside the outdoor all-weather track and adjacent to the newly constructed tennis courts, the turf field serves as a practice facility for all varsity outdoor teams. The lighted field is also available for club sports, intramurals, and night activities.

Athletics and Recreation

Recreation and physical fitness are important components of the Bryant experience. A variety of intramural programs for men and women provide competitive recreation throughout the school year for all students who

wish to participate. These programs include Basketball, Dodgeball, Field Hockey, Flag Football, Floor Hockey, Indoor/Outdoor Soccer, Softball, Team Handball, Volleyball, and many more.

Bryant University is a Division I member of the Northeast Conference. Men's teams participate in Baseball, Basketball, Cross Country, Football, Golf, Indoor Track and Field, Lacrosse, Outdoor Track and Field, Soccer, and Tennis. Women's teams participate in Basketball, Cross Country, Indoor Track and Field, Lacrosse, Outdoor Track and Field, Soccer, Softball, Swimming and Diving, Tennis, and Volleyball. Field Hockey and Men's Swimming and Diving compete as Division I members of the Metro Atlantic Athletic Conference.

Club sports include Bowling, Cheerleading, Dance, Men's Ice Hockey, Karate, Men's Volleyball, Racquetball, Men's Rugby, Squash, Ultimate Frisbee, Women's Crew, and Women's Rugby.

College of Arts and Sciences

The College of Arts and Sciences offers a diverse selection of academic programs that enable students to explore their individual intellectual interests while developing skills that lead to rewarding professional opportunities.

Undergraduate Degree Programs

The College of Arts and Sciences offers two degrees:

- **Bachelor of Science**, with majors in Actuarial Mathematics, Applied Economics, Applied Mathematics and Statistics, Biology, and Environmental Science.
- **Bachelor of Arts**, with majors in Applied Psychology, Chinese, Communication, Economics, Global Studies, History, Literary and Cultural Studies, Politics and Law, Sociology, and Spanish.

All Arts and Sciences students complete a business minor and may elect to take additional business courses, not to exceed a combined total of 30 credit hours in the College of Business.

Business minors are available in:

- Business Administration
- Computer Information Systems
- Entrepreneurship
- Finance
- Global Supply Chain Management
- Human Resource Management
- International Business
- Management
- Marketing
- Marketing Analytics
- Sales

This fully integrated curriculum helps students understand and apply finance, management, and marketing principles, providing practical skills that complement a liberal arts education. Liberal arts students are challenged to expand critical thinking skills, take a global perspective, build intellectual capabilities, and enhance practical skills.

Mission

The faculty and students of the College of Arts and Sciences share the commitment to advancing the study and practice of the humanities, social sciences, mathematics, and the natural and applied sciences. We fulfill our commitment through teaching, scholarship, creative work, and outreach. In faculty and student research, we generate new knowledge. In our teaching, publications, presentations to peers, and engagements with private and public organizations, we disseminate and share our knowledge.

- The College provides a balanced education for every Bryant student in the core liberal arts areas of the humanities, social sciences, mathematics, and both the natural and applied sciences.
- The College creates and offers advanced programs – minors, concentrations, and majors – that reflect the interests of Bryant students as well as the complexity of the world into which they will graduate. The College stresses pedagogical approaches that provide students the opportunity to engage in exploration of the world, and to think clearly in contexts marked by uncertainty.
- The College offers degree programs designed to prepare students for advanced study, as well as for application in meaningful ways.
- The College fosters adherence to the highest standards of ethical conduct and personal responsibility.
- The College fosters commitment to social responsibility. The faculty encourage academic excellence both by serving as role models in the best teacher/scholar tradition, and by sharing with students a commitment to diversity and an engagement in civic and professional service.
- The College is committed to its faculty and students. The College expects and strongly supports excellence in teaching, service, scholarship, and creative work.

Learning Goals

The College of Arts and Sciences has defined the following areas of knowledge, skill building, and personal development as the framework of essential learning outcomes we ask our students to develop and demonstrate in the course of meeting their general education requirements.

- Knowledge of human culture and traditions, creative activity, and the natural world as explained through the humanities, social sciences, and the natural and mathematical science
- Facility with both written and oral communication
- The skills of critical inquiry and creative problem solving
- Quantitative literacy
- Social responsibility, personal integrity, and civic engagement
- Capability for ethical reasoning and action

Learning goals for individual programmatic majors, concentrations, and minors in the College of Arts and Sciences are set out within each program.

The programs of study for degrees (except Actuarial Mathematics) require 122 credit hours of coursework. Completion of the Actuarial Mathematics program requires 124 credit hours of study. Typically, programs in the Bachelor of Arts degree program require 30 credit hours of coursework for completion of the major. Programs under the Bachelor of Science degree program typically require 36 hours of coursework in the major. The core and distribution requirements under the Bachelor of Science degree give greater emphasis to development of mathematical skills and research methodologies.

College of Arts and Sciences Departments and Degree Requirements

The curriculum requirements are designed to assist students in the development of their academic plan. The undergraduate curriculum comprises lower division and upper division courses, integrating liberal arts and business disciplines into a coherent academic program. Inherent in this design is the sequencing of courses that develops a core of foundation and introductory level courses. Thus, the freshman and sophomore years are focused on preparing students for more in-depth study in the upper division courses. In the junior and senior years, students take courses to fully develop their majors, concentrations and minors, as well as higher level business and liberal arts coursework.

Students work in concert with their advisors – professional academic advisors and departmental advisors – to plan their academic coursework and integrate course sequencing into the many facets of their overall educational plan.

The curriculum requirements for each major/concentration/minor are listed with their respective academic department.

College of Arts and Sciences Graduate Degree Programs

The College of Arts and Sciences offers two graduate degree programs: the MA in Communication and the MS in Global Environmental Studies. These Arts and Sciences graduate programs are designed to provide Bryant undergraduates an option for a five-year Bachelor's/ Master's program. Bryant undergraduates can pursue a 152-hour, 4 + 1 plan leading to the completion of both the Bachelor's degree (BS or BA) and the Master's degree (MS or MA).

Arts and Sciences programs are based in the highly interactive, personalized learning environments that characterize the Bryant experience. Students are expected to work closely with faculty to develop the skills and habits required for professional success.

Department of Applied Psychology

Major in Applied Psychology

Psychology is the science of behavior. The Applied Psychology major at Bryant University, offers a strong theoretical foundation in psychology while emphasizing practical applications. Students experience these practical applications of psychology through courses in applied areas of psychology, fieldwork, student/faculty-led research opportunities, and internships. Psychological principles are applied to a variety of domains including clinical settings, sports, legal systems, education, business, health promotion, decision-making, testing, and the environment. Applied Psychology majors are provided ongoing academic advising and career guidance by a full-time Bryant psychology faculty member. Students will have the opportunity to work closely with the psychology faculty through Capstone senior applied internship or senior applied research project seminars.

Psychology Concentration

The Psychology concentration is designed to provide students with a deeper perspective on the intricacies of the scientific study of human behavior and mental processes. Coursework is intended to introduce students to the various areas within Psychology that are relevant to the improvement of the human condition.

Psychology Minor

The four-course psychology minor fortifies students' preparation for personal and career success. Psychological study helps students learn to creatively and critically evaluate information about human behavior. The value of psychological inquiry emerges with the knowledge that hardly a personal or career-related decision exists whose solution does not demand a solid understanding of human thought and behavior.

Faculty

Department Chair
Dr. Nanci Weinberger

Professor
Ronald J. Deluga

Professor
Joseph Trunzo

Professor
Nanci Weinberger

Associate Professor
Allison Butler

Associate Professor
Heather Pond Lacey

Major

- Bachelor of Arts with a Major in Applied Psychology (p. 16)

Concentration

- Psychology Concentration (p. 17)

Minor

- Psychology Minor (p. 18)

Bachelor of Arts with a Major in Applied Psychology

Applied Psychology Major Objectives

Psychological study is complemented by business knowledge through the completion of a minor in business administration. The combination of a solid background in theoretical and applied psychology plus exposure to core business courses prepares students for either entry-level careers or graduate study.

Students in the Applied Psychology major will:

- Demonstrate knowledge of the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology.
- Apply basic research methods in psychology, including research design, research ethics, data analysis, and interpretation.
- Use critical and creative thinking, skeptical inquiry, and the scientific approach to solve problems related to behavior and mental processes.

- Apply psychological principles ethically to personal, social, and organizational issues.

Bachelor of Arts with a Major in Applied Psychology Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Applied Psychology Major Requirements	
PSY 260	Introduction to Psychology
or PSY 263	Honors: Core Concepts in Psychology
PSY 371	Introduction to Applied Psychology
PSY 376	Research Methods in Psychology
PSY 490	Senior Research Seminar
or PSY 491	Senior Internship Seminar
Applied Psychology Courses [1]	
Select three of the following:	
PSY 365	Environment and Behavior
PSY 375	Health Psychology
PSY 377	Educational Psychology
PSY/MGT 440	The Design Thinking Process
PSY 480	Counseling Theory and Practice
PSY 481	Exercise and Sport Psychology
PSY 482	Forensic Psychology
PSY 483	Drugs and Behavior
PSY 484	Psychological Testing and Assessment
PSY 486	Judgment and Decision Making
Psychology Survey Courses [1]	
PSY 353	Psychology of Personality
or PSY 355	Abnormal Psychology
PSY 373	Cognitive Psychology
or PSY 374	Physiological Psychology
Select one of the following:	
PSY 360	Child and Adolescent Development
PSY 361	Adult Development and Aging
PSY 470	Social Psychology
Psychology Electives	
Two electives	
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distributions – Modes of Thought [2]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [3]	
Business Minor Requirement	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

1. At least one course (total from all groups) must be taken at the 400 level
2. Modes of Thought requirements can be met by appropriate courses in the major.
3. Include one Lab Science. One science course must be taken at the 300 or 400 level.

A minimum 122 credit hours required for graduation

Psychology Concentration

Psychology Concentration Objectives

- Demonstrate knowledge of the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology.
- Apply basic research methods, including research design, research ethics, data analysis, and interpretation.
- Use critical and creative thinking, skeptical inquiry, and the scientific approach to solve problems related to behavior and mental processes.
- Apply psychological principles ethically to personal, social, and organizational issues.

Requirements [1]

Students in the Psychology concentration will take:

PSY 260	Introduction to Psychology (as a prerequisite to all other Psychology courses)
or PSY 263	Honors: Core Concepts in Psychology
Theory Core	
Selet two of the following:	
PSY 353	Psychology of Personality
PSY 355	Abnormal Psychology
PSY 360	Child and Adolescent Development
PSY 361	Adult Development and Aging
PSY 373	Cognitive Psychology
PSY 374	Physiological Psychology
PSY 470	Social Psychology
Research Intensive Core [2]	
Select one of the following:	
PSY 365	Environment and Behavior
PSY 371	Introduction to Applied Psychology
PSY 372	Positive Psychology
PSY 376	Research Methods in Psychology
PSY 471	Gender in Childhood

PSY 484	Psychological Testing and Assessment
PSY 497	Directed Study in Psychology
Applied Core	
Select one of the following:	
PSY 365	Environment and Behavior
PSY 371	Introduction to Applied Psychology
PSY 375	Health Psychology
PSY 377	Educational Psychology
PSY 391	Psychology Internship
PSY/MGT 440	The Design Thinking Process
PSY 480	Counseling Theory and Practice
PSY 481	Exercise and Sport Psychology
PSY 482	Forensic Psychology
PSY 483	Drugs and Behavior
PSY 484	Psychological Testing and Assessment
PSY 486	Judgment and Decision Making
One psychology elective course [3]	

[1] Of the 6 courses in total, at least 2 must be at the 400 level.

[2] If utilizing Research Methods in Psychology as a research intensive course, it must be taken at Bryant.

[3] Students may take any other course from the 3 core areas or any other psychology course with the exception of Psychology Capstones PSY 490 and PSY 491, which are reserved for Applied Psychology Majors only.

Psychology Minor

Requirements

Students in the Psychology minor will take:

PSY 260	Introduction to Psychology
or PSY 263	Honors: Core Concepts in Psychology
Two psychology electives	
One 400-level psychology electve	

Department of Communication

The Department of Communication offers a diverse academic program with the common mission of fortifying the intellectual and social skills necessary for effective human communication. The department's focus is on oral, written, and mediated communication skills that are essential in both professional and personal lives. As such, the department cultivates the ability to think in creative and critical ways and to effectively communicate the results of that thinking.

The department is committed to the belief that communication is essential to preserving democratic human communities. Equally important, as our personal and social realities are created, maintained, and recreated through communication, the department stresses not only competent, but also ethical, personal, and mediated communication.

Major in Communication

Today's technologically oriented, increasingly diverse world is driven by the exchange of information. Increasingly, people with finely-tuned communication skills are in demand to direct that information. Advanced writing and speaking skills now need to be complemented by computer literacy and an understanding of the mass media, as well as an appreciation for the complexities in human interaction. The Department recognizes, too, that there is great societal need—plus career opportunity—in applying these skills in the practice of health communication, again both media and interpersonally crafted and delivered.

Studying communication at Bryant gives students an opportunity to analyze and evaluate various forms of communication while developing their own specific communication skills. Historical, theoretical, social, and ethical functions of communication are studied within a global context.

Communication Minor

Students pursuing a communication minor work with a faculty advisor to develop a personalized, tailored course of study. In this way, they build a coherent approach to the discipline that reflects their own interests in the field. Options range from interpersonal communication to journalism and mass media to media production.

Faculty

Department Chair
Dr. Kevin Pearce

Professor
Stanley J. Baran

Professor
Mary Lyons

Professor
Wendy Samter

Associate Professor
Kristen Berkos

Associate Professor
Chris R. Morse

Associate Professor
Kevin Pearce

Assistant Professor
Julie E. Volkman

Lecturer
Thomas Dooley

Lecturer
Susan Baran

Lecturer
Consolata Mutua

Lecturer
Thomas Zammarelli

Major

- Communication Major (p. 19)

Minor

- Communication Minor (p. 19)

Communication Major

Communication Major Objectives

Students in the Communication major will:

- Describe the process of interpersonal and mediated communication.
- Explain the process by which communication knowledge is generated and advanced.
- Develop, create, deliver, and assess appropriate and effective mediated messages.
- Create, deliver, and assess appropriate and effective interpersonal messages.
- Apply communication theory and research to real-world situations.

Bachelor of Arts with a Major in Communication Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Communication Major Requirements	
COM 203	Introduction to Communication
or COM 204	Honors The Process of Communication
COM 270	Interpersonal Communication
COM 272	Mass Communication
COM 390	Communication Research Methods
COM 491	Senior Seminar in Communication Theory
Five Communication Electives (any level)	
Two Communication 400-level Electives	
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distributions - Modes of Thought [1]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [2]	
Business Minor Requirement	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

[1] Modes of Thought requirements can be met by appropriate courses in the major.

[2] Include one Lab Science. One science course must be taken at the 300 or 400 level.

A minimum of 122 credit hours required for graduation

Communication Minor

Communication Minor Requirements

Students in the Communication minor will take:

COM 203	Introduction to Communication
or COM 204	Honors The Process of Communication
One 200-level communication course	
One 300-level communication course	
One 400-level communication course	

Department of Economics

Majors in Economics

Economics provides students with an opportunity to understand the most important aspects of modern societies such as the global economy, production decisions, income distribution, consumption of goods and services, government's role and the interaction between households and businesses.

"Thinking like an economist" requires analytical skills and the ability to identify economic issues and problems while framing issues in ways other people do not see. This way of reasoning also means devising policy proposals for addressing problems and analyzing both the intended and unintended effect of these policies.

The Economics Department offers a Bachelor of Science degree with a major in Applied Economics and a Bachelor of Arts degree with a major in Economics. A major in Economics requires 30 credit hours of course work beyond the freshmen core courses. The Bachelor of Science in Applied Economics (BSAE) degree requires quantitative applied real world analysis in addition to the economics core. The Bachelor of Arts in Economics (BAE) degree requires a core of economics courses and allows for a liberal arts and business interdisciplinary choices of electives and tracks. Both degrees provide a bridge between liberal arts, business, and a variety of attractive professional careers.

The BSAE equips students with tools necessary to apply economic concepts and theories to explain a variety of situations and decisions. With proficiency in the use of statistical and mathematical tools, students will be able to analyze and quantify economic relations to gain knowledge of the framework of the economy.

The BAE degree provides students with flexibility to use economics as a tool to explore and understand human behavior; contemporary social issues such as poverty, discrimination, and economic justice; history; culture; and international relations. This degree gives students depth of knowledge and skills, while providing a multidisciplinary breadth of understanding that is sought and essential for many careers.

A major in economics develops students' competence to reason logically and analytically about a wide range of problems that apply to business, government, and global markets. Economics majors find rewarding careers in such diverse fields as banking and finance, consulting,

management, market research, sales, insurance, real estate, health care administration, law or public administration. In addition, a degree in economics is an excellent preparation for acceptance into various graduate programs.

Economics Concentration and Minor

This is an 18 credit concentration or 12 credit minor. Students must have a primary concentration in the College of Business or a major in the College of Arts and Sciences in order to complete a concentration in Economics. Developing an expertise in economics provides students with valuable skills that can be used in conjunction with business and liberal arts disciplines. Bryant's concentration and minor in economics stress the interdisciplinary implications of economics. Analytical techniques encouraging critical thinking are used in conjunction with economic theory to interpret a plethora of economic events. Economics concentration is of particular interest for those students who plan to complement their chosen concentration in one of the areas in business and other liberal arts majors. The option of double concentration usually will not require taking extra courses.

Faculty

Department Chair
Dr. Sam Mirmirani

Professor
Laurie J. Bates

Professor
Joseph Ilacqua

Professor
Jongsung Kim

Professor
Sam Mirmirani

Professor
Ramesh Mohan

Professor
Joseph Shaanan

Associate Professor
Edinaldo Tebaldi

Assistant Professor
Laura Beaudin

Assistant Professor
Aziz Berdiev

Lecturer
Allison Kaminaga

Majors

- Bachelor of Science with an Applied Economics (p. 23)
- Bachelor of Arts in Economics Major – Industrial Economics and Market Regulation Track (p. 20)
- Bachelor of Arts in Economics Major – International Political Economy Track (p. 21)
- Bachelor of Arts in Economics Major – Public Policy Track (p. 22)

Concentration

- Economics Concentration (p. 24)

Minor

- Economics Minor (p. 24)

Bachelor of Arts in Economics Major – Industrial Economics and Market Regulation Track

Applied Economics Major and Economics Major Objectives

Students in the Applied Economics or Economics major will:

- Demonstrate critical thinking and problem solving skills in an economic context.
- Analyze the economic role of markets and government.
- Understand and debate social, political and current economic issues.
- Analyze global and international economic issues.
- Conduct quantitative economic data analysis and research (B.S.A.E. only).

Industrial Economics and Market Regulation Track of B.A. in Economics Description

Industrial Economics and Market Regulation is an interdisciplinary education that helps students to gain knowledge of the framework by which markets operate; the inner- and intra-competitiveness among industries in the US; management-labor relations; and the role of government in the market economy. Students with focus in industry as part of their education at Bryant can seek employment opportunities in managerial positions in government and business, trade associations, and consulting and research organizations. They are also well prepared to pursue graduate studies in economics, business, and law.

Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Economics Major Requirements - Industrial Economics and Market Regulation Track [1]	
ECO 210	Research Methods in Economics
ECO 313	Intermediate Microeconomics
ECO 314	Intermediate Macroeconomics
ECO 490	Capstone Economics Seminar
Industrial Economics and Market Regulation Track of Bachelor of Arts in Economics	
Select four of the following:	
ECO 201	Money and Banking

ECO 213	Economics of Social Issues
ECO 315	Econometrics
ECO 340	Sports Economics
ECO 350	America and the Free Market
ECO 363	Industrial Organization: American Industry
ECO 364	Industrial Organization: Government and Business
ECO 376	Cultures and Economies in Transition
ECO 391	Economics Internship
ECO 393	Managerial Economics
ECO 413	Applied Microeconomics: Case Studies
ECO 414	Applied Macroeconomics: Case Studies
ECO 415	Applied Econometrics for Business and Policy
ECO 473	Economics of Health and Medical Care
Select two of the following:	
ENT 481	Creating a New Venture
or MGT 302	Organizational Behavior
or MGT 201	Operations Management
HIS 364	History of American Technology
LGLS 211	The Legal Environment of Business
LGLS 411	Markets and the Law: The Uniform Commercial Code
LGLS 412	Law of Financial Institutions
MGT 356	International Business Management
MKT 311	Consumer Behavior
or MKT 380	Services Marketing
MKT 360	Retail Management
POLS 352	The Politics of Government and Business in America
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distributions - Modes of Thought [2]	
Two Social Sciences Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [3]	
Business Minor Requirement	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

[1] Tracks: Within the Economics Major, choose one of three tracks

[2] Modes of Thought requirements can be met by appropriate courses in the major.

[3] Include one Lab Science. One science course must be taken at the 300 or 400 level.

A minimum 122 credit hours required for graduation

Bachelor of Arts in Economics Major – International Political Economy Track

Applied Economics Major and Economics Major Objectives

Students in the Applied Economics or Economics major will:

- Demonstrate critical thinking and problem solving skills in an economic context.
- Analyze the economic role of markets and government.
- Understand and debate social, political and current economic issues.
- Analyze global and international economic issues.
- Conduct quantitative economic data analysis and research (B.S.A.E. only).

International Political Economy Track of B.A. in Economics Description

International Political Economy at Bryant assists students in better understanding cultural diversity and variations in economic and political systems among nations. It provides educational opportunity for students to know who are the key players in the global arena and what are the international issues confronting the United States. It teaches students the analytical tools they need to interpret such issues and evaluate international policies. While graduate-level studies in politics, economics and law are options, with global issues studies, students will gain the necessary flexibility to seek career opportunities in government, non-government organization (NGOs), international organizations as well as businesses.

Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Economics Major Requirements - International Political Economy Track [1]	
ECO 210	Research Methods in Economics
ECO 313	Intermediate Microeconomics
ECO 314	Intermediate Macroeconomics
ECO 490	Capstone Economics Seminar
International Political Economy Track of Bachelor of Arts in Economics	
Select four of the following:	
ECO 201	Money and Banking
ECO 213	Economics of Social Issues
ECO 265	Euro American Economic History

ECO 315	Econometrics
ECO 367	Economic Development
ECO 376	Cultures and Economies in Transition
ECO 391	Economics Internship
ECO 413	Applied Microeconomics: Case Studies
ECO 414	Applied Macroeconomics: Case Studies
ECO 415	Applied Econometrics for Business and Policy
ECO 450	Current Affairs of East Asian Economy
ECO 471	International Trade
ECO 480	Economic Growth Policy and Practice
ECO ST200	Special Topics in Economics Business and Economics of European Union
Select two of the following:	
COM 478	Mass Communicaton in the Global Village
or COM 362	Advanced Public Speaking
or COM 365	Language, Culture, and Communication
or COM 366	Intercultural Communication
GLOB 241	Introduction to Global Politics
or GLOB 242	Introduction to Global Anthropology
or GLOB 243	Honors: The Anthropology of Globalization
or GLOB 290	Honors Politics of the Global System
or POLS 241	Introduction to Global Politics
or POLS 290	Honors Politics of the Global System
or GSCM 410	International Trade Logistics and Transportation
or GSCM 430	Global Sourcing and Supply Management
or GSCM 490	Empirical Applications in Supply Chain Management
HIS 369	U.S. Latin American Relations 1820 to Present
or HIS 351	History of Modern Europe: 1815 to the Present
or HIS 365	The United States and World Politics, 1890 to the Present
or HIS 451	The World Since 1945
IB 387	Financial and Economic Developments in Latin America
or IB 386	International Investments
LGLS 451	International Business Law
MGT 356	International Business Management
or MGT 381	Cross-Cultural Management
or MGT 461	Cases in Global Business Management
MKT 368	International Marketing
POLS 351	United States Foreign Policy
or POLS 363	Latin American Politics
or POLS 364	European Politics
or POLS 471	Russian and East European Politics
POLS 462	International Relations
POLS 481	Politics of Developing Countries
POLS 483	Politics of International Economic Relations
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distributions - Modes of Thought [2]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [3]	
Business Minor Requirement	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

[1] Tracks: Within the Economics Major, choose one of three tracks

[2] Modes of Thought requirements can be met by appropriate courses in the major.

[3] Include one Lab Science. One science course must be taken at 300 or 400 level.

A minimum 122 credit hours required for graduation

Bachelor of Arts in Economics Major – Public Policy Track

Applied Economics Major and Economics Major Objectives

Students in the Applied Economics or Economics major will:

- Demonstrate critical thinking and problem solving skills in an economic context.
- Analyze the economic role of markets and government.
- Understand and debate social, political and current economic issues.
- Analyze global and international economic issues.
- Conduct quantitative economic data analysis and research (B.S.A.E. only).

Public Policy Track of B.A. in Economics Description

Focusing on public policy will give students the skills to understand economic, social and political issues, enable them to synthesize information and knowledge, and equip them with tools necessary to formulate new and evaluate existing policies. Being an interdisciplinary study, the focus on public policy develops critical thinking and elevates ethical sensitivities among students. In addition to graduate studies in public policy, law, economics and business, with public policy education at Bryant, students are often sought for consultation by managers and decision makers in the public as well as private sectors. Career opportunities include working in professions in law, business, government and non-government agencies.

Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership

GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Economics Major Requirements - Public Policy Track [1]	
ECO 210	Research Methods in Economics
ECO 313	Intermediate Microeconomics
ECO 314	Intermediate Macroeconomics
ECO 490	Capstone Economics Seminar
Public Policy Track of Bachelor of Arts in Economics	
Select four of the following:	
ECO 201	Money and Banking
ECO 213	Economics of Social Issues
ECO 315	Econometrics
ECO 340	Sports Economics
ECO 350	America and the Free Market
ECO 364	Industrial Organization: Government and Business
ECO 391	Economics Internship
ECO 413	Applied Microeconomics: Case Studies
ECO 414	Applied Macroeconomics: Case Studies
ECO 415	Applied Econometrics for Business and Policy
ECO 461	Environmental Economics
ECO 462	Public Finance
ECO 463	Labor Economics
ECO 473	Economics of Health and Medical Care
ECO 480	Economic Growth Policy and Practice
Select two of the following:	
COM 361	Public Relations
or COM 362	Advanced Public Speaking
LGLS 360	Law and Society
or LGLS 411	Markets and the Law: The Uniform Commercial Code
LGLS 382	Not for Profit Law and Governance
MATH 455	SAS Programming and Applied Statistics (Optional) [3]
POLS 256	Government and Society in America
SCI 351	Ecology
or SCI 371	Human Impact on Land and Life
SCI 355	Energy Management Strategies
SCI 452	Innovation and Global Energy Challenges
or SCI 455	Environmental Policy: Decision Making and Problem Solving
or SCI 465	Green Technology for Sustainability
or SCI 466	Global Health Challenges
SOC 351	Social Problems Social Solutions [2]
or SOC 451	Population and Society
or SOC 352	Sociology of Gender, Illness, and Health
or SOC 454	Social Theory: The Study of Isms and Phobias
SOC 370	Crime and Justice
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distributions - Modes of Thought [4]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [5]	
Business Minor Requirement	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

1 Tracks: Within the Economics Major, choose one of three tracks

2 Take one from this list requires SOC 251 as prerequisite.

3 Students who wish to work for the government could choose to learn SAS - prerequisite is MATH 350.

4 Modes of Thought requirements can be met by appropriate courses in the major.

5 Include one Lab Science. One science must be taken at the 300 or 400 level.

A minimum 122 credit hours required for graduation

Bachelor of Science with an Applied Economics Major

Applied Economics Major and Economics Major Objectives

Students in the Applied Economics or Economics major will:

- Demonstrate critical thinking and problem solving skills in an economic context.
- Analyze the economic role of markets and government.
- Understand and debate social, political and current economic issues.
- Analyze global and international economic issues.
- Conduct quantitative economic data analysis and research (B.S.A.E. only).

Bachelor of Science with an Applied Economics Major Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Applied Economics Major Requirements	
ECO 313	Intermediate Microeconomics

ECO 314	Intermediate Macroeconomics
ECO 315	Econometrics
ECO 413	Applied Microeconomics: Case Studies
ECO 414	Applied Macroeconomics: Case Studies
ECO 490	Capstone Economics Seminar
Applied Economics Elective Courses	
Select four of the following: [1]	
ECO 201	Money and Banking
ECO 210	Research Methods in Economics
ECO 213	Economics of Social Issues
ECO 265	Euro American Economic History
ECO 310	Mathematical Economics
ECO 340	Sports Economics
ECO 350	America and the Free Market
ECO 363	Industrial Organization: American Industry
ECO 364	Industrial Organization: Government and Business
ECO 367	Economic Development
ECO 376	Cultures and Economies in Transition
ECO 391	Economics Internship
ECO 393	Managerial Economics
ECO 397	Directed Study in Economics
ECO 415	Applied Econometrics for Business and Policy
ECO 461	Environmental Economics
ECO 462	Public Finance
ECO 463	Labor Economics
ECO 471	International Trade
ECO 473	Economics of Health and Medical Care
ECO 480	Economic Growth Policy and Practice
ECO ST200	Special Topics in Economics Business and Economics of European Union
ECO 497	Directed Study in Economics
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 121	Calculus and Analytic Geometry I
MATH 122	Calculus and Analytic Geometry II
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distributions - Modes of Thought [2]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [3]	
Business Minor Requirement	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

1. At least one at the 400-level
2. Modes of Thought requirements can be met by appropriate courses in the major.
3. Include one Lab Science. One science course must be taken at the 300 or 400 level.

A minimum 122 credit hours required for graduation

Economics Concentration

Economics Concentration Requirements

ECO 313	Intermediate Microeconomics
ECO 314	Intermediate Macroeconomics
ECO 315	Econometrics
Economics Electives [1]	
Select three of the following:	
ECO 201	Money and Banking
ECO 210	Research Methods in Economics
ECO 213	Economics of Social Issues
ECO 265	Euro American Economic History
ECO 310	Mathematical Economics
ECO 340	Sports Economics
ECO 350	America and the Free Market
ECO 363	Industrial Organization: American Industry
ECO 364	Industrial Organization: Government and Business
ECO 367	Economic Development
ECO 376	Cultures and Economies in Transition
ECO 391	Economics Internship
ECO 393	Managerial Economics
ECO 397	Directed Study in Economics
ECO 413	Applied Microeconomics: Case Studies
ECO 414	Applied Macroeconomics: Case Studies
ECO 415	Applied Econometrics for Business and Policy
ECO 450	Current Affairs of East Asian Economy
ECO 461	Environmental Economics
ECO 462	Public Finance
ECO 463	Labor Economics
ECO 471	International Trade
ECO 473	Economics of Health and Medical Care
ECO 480	Economic Growth Policy and Practice
ECO ST200	Special Topics in Economics Business and Economics of European Union
ECO 497	Directed Study in Economics

1. Must include one 400 level elective

Economics Minor

Economics Minor Requirements

ECO 313	Intermediate Microeconomics

ECO 314	Intermediate Macroeconomics
One economics course at any level	
One 400-level economics course	

Department of English and Cultural Studies

Mission

The Department of English and Cultural Studies plays an integral role in fulfilling the University's mission by helping students comprehend the world around them, by guiding them to dynamic career paths in the arts, nonprofits, and the private sector, and by preparing them for graduate study. Our department directly supports the University's focus on character, passion, and diversity. Specifically, our programs are designed to:

- Provide an array of courses and experiences that engage students directly with the humanities, creativity, and cultural and global diversity.
- Help students discover their passion through a direct engagement with a variety of media (performance, literary texts, art, music, cultural analysis), cultures (African, Latin-American, Eastern and Western European, and U.S. communities, such as Native American, Asian-American, gay and lesbian, and women), and methodologies (philosophical, literary critical, and anthropological).
- Encourage independent thinking and empathy with diverse populations by addressing complicated issues of difference, in courses that emphasize cultural understanding, ethics, and critical thinking.
- Provide students with avenues to make a difference in the world through our integrated focus on social justice and literacy and through engagement with the most intimate forms of communications that cultures offer, including art, music, literature, performance, and philosophy.

The Department has a major, minor, and concentration in Literary and Cultural Studies. These programs involve a rich array of courses designed to introduce students to theoretical understandings (philosophical, anthropological, literary) of cultural artifacts (literary, musical, cultural, artistic). Specific concentrations also allow students to focus on one aspect of cultural analysis more closely: the concentration in Literature emphasizes literary critical interpretation; the concentration in Media and Cultural Studies combines Communication, Film, and Performance Studies; and the concentration in Creative and Applied Arts integrates studio-based art courses with courses in theoretical interpretations of creative production. The Department also offers a minor in Literature and a minor in Media and Cultural Studies.

Major in Literary and Cultural Studies

Students in the Literary and Cultural Studies Major will:

- Interpret, analyze and critique cultural artifacts and practices (literature, music, visual arts, philosophy, theater, popular culture).
- Create various types of cultural texts and participate in various kinds of cultural practices (poetry, narrative, drama, theory, argumentation, images, video, music).
- Describe and critique the social, historical, and linguistic worlds that surround texts, with emphasis on international and U.S. multicultural perspectives.
- Demonstrate effective writing and speaking skills.

The Literary and Cultural Studies Major focuses on the critical interpretation, social and historical context, and creative expression of literature and culture. In so doing it cultivates in students the understanding and skills critical to participation and success in a complex, multicultural, and global world. Students of Literary and Cultural Studies learn about the music, literature, art, and cultural practices of their own community as well as others. They engage in creative expression through language, performance studies, creative writing, and other forms, learning to see themselves as agents whose actions shape the world they live in. Fundamental to Literary and Cultural Studies is the cultivation and honing of communication skills necessary in a dynamic, global context: written, oral, visual, and multimedia. The curriculum focuses on cultural literacy – the ability to read, interpret, and create a variety of literary and cultural texts and practices.

Creative and Applied Arts Concentration

Students in the Creative and Applied Arts Concentration will:

- Interpret, analyze, and critique cultural artifacts and practices (including visual studies, contemporary design, the graphic novel, video and film).
- Create artworks across a variety of media (including digital photography, drawing, creative writing, digital design, and video).
- Describe and critique the social, historical, and linguistic worlds that surround texts, with emphasis on international and U.S. multicultural perspectives.
- Demonstrate effective writing and speaking skills.

Creative and Applied Arts encompasses visual art, music, graphic design, performance, and creative writing. The concentration in Creative and Applied Arts teaches both practical knowledge about creating artistic forms and historical and theoretical approaches to these forms. Studio courses emphasize discovery, experimentation, problem-solving, artistic growth, and creative thinking. Students create music, visual art, poetry, fiction, or plays, while also building knowledge for appreciating and analyzing the works of other artists, composers, directors, and writers. Analytical and theoretical courses emphasize analysis and assessment of theoretical models, promoting critical thinking and exploration. The capstone Workshop in Creative and Critical Practice emphasizes application of knowledge and skills from this concentration that can serve as a bridge to working experience or further study.

This is an 18 credit concentration. Students must have a primary concentration in the College of Business or a major in the College of Arts and Sciences.

Literary and Cultural Studies Concentration

Students in the Literary and Cultural Studies Concentration will:

- Interpret, analyze and critique cultural artifacts and practices (literature, music, visual arts, philosophy, theater, popular culture).
- Create various types of cultural texts and participate in various kinds of cultural practices (poetry, narrative, drama, theory, argumentation, images, video, music, and others).
- Describe and critique the social, historical, and linguistic worlds that surround texts, with emphasis on international and U.S. multicultural perspectives.

- Demonstrate effective writing and speaking skills.

The Literary and Cultural Studies Concentration focuses on the critical interpretation, social and historical context, and creative expression of literature and culture. In doing so, it cultivates the understanding and skills critical to participation and success in a complex, multicultural, and global world. Students of Literary and Cultural Studies learn about the music, literature, art, and cultural practices of their own community as well as others. They engage in creative expression through language, performance studies, creative writing, and other forms, learning to see themselves as agents whose actions shape the world they live in. Fundamental to Literary and Cultural Studies is the cultivation and refinement of communication skills necessary to the global context: written, oral, visual, and multimedia. The curriculum focuses on cultural literacy – the ability to read, interpret, and create a variety of literary and cultural practices.

This is an 18 credit concentration. Students must have a primary concentration in the College of Business or a major in the College of Arts and Sciences.

Literature Concentration

Students in the Literature Concentration will:

- Analyze and interpret literature, building knowledge of the historical development of British and American literatures as well as the operations of specific literary genres, such as poetry, drama, and narrative.
- Demonstrate an understanding of new voices, approaches, and critical shifts within the field of literary studies, developments important in an increasingly diverse U.S. society and in light of the proliferation of new literary genres and movements within a global context.
- Engage in the creative act of writing, which includes workshops in poetry and fiction writing as well as opportunities to produce sustained critical research projects in literary studies.
- Demonstrate effective writing and speaking skills.

The Literature Concentration reflects the changing and dynamic landscape of literary studies. It offers students the opportunity to engage U.S. and international literatures and to develop reading, writing, and critical thinking skills that will prepare them for a variety of postgraduate degree programs (including those in literature and law), as well as work within nonprofit and governmental organizations, museums and art galleries, publishing, writing, marketing, and advertising.

This is an 18 credit concentration. Students must have a primary concentration in the College of Business or a major in the College of Arts and Sciences.

Media and Cultural Studies Concentration

Students in the Media and Cultural Studies Concentration will:

- Interpret, analyze and critique cultural artifacts and practices (including film, television, and new media).
- Create various types of cultural texts and participate in various kinds of cultural practices (including image production, film, theory, and argumentation).
- Describe and critique the social, historical, and linguistic worlds that surround texts, with emphasis on international and U.S. multicultural perspectives.
- Demonstrate effective writing and speaking skills.

Media Studies provides the opportunity for students to think across media forms and cultural contexts. It is an interdisciplinary field that focuses on the content, history, and effects of various media, including television, film, and digital technologies. The program offers students the chance to both make and reflect on these media. Students of media studies learn to analyze media texts, situate them within historical contexts, and engage in theoretical debates about them. They also experiment in the production of a variety of media texts. Students learn to create original work, analyze and appreciate the work of others, and assess the wider impact of mass media on public life. Fundamental to Media Studies is the cultivation and honing of communication skills necessary to succeed in our mediated world.

This is an 18 credit concentration. Students must have a primary concentration in the College of Business or a major in the College of Arts and Sciences.

Literary and Cultural Studies Minor

Students in the Literary and Cultural Studies Minor will:

- Interpret, analyze and critique cultural artifacts and practices (literature, music, visual arts, philosophy, theater, popular culture).
- Create various types of cultural texts and participate in various kinds of cultural practices (poetry, narrative, drama, theory, argumentation, images, video, music).
- Describe and critique the social, historical, and linguistic worlds that surround texts, with emphasis on international and U.S. multicultural perspectives.
- Demonstrate effective writing and speaking skills.

The minor in Literary and Cultural Studies is designed to foster and sustain a cultural background based upon the mastery of those literary and cultural texts and methods that enter and inform the world of the modern citizen. Students design their minor in accordance with their own interests in consultation with their program advisor.

Literature Minor

Students in the Literature Minor will:

- Demonstrate an understanding of the development of British or American literatures.
- Demonstrate an understanding of critical shifts within the field of literary studies that reflect an increasingly diverse U.S. society as well as new literary developments within a global context.
- Develop their written and oral communication skills through the craft of creative writing or through an in-depth study of literary genres, such as poetry, drama, and narrative.

The minor in Literature reflects the changing and dynamic landscape of literary studies. It offers students the opportunity to engage U.S. and international literatures. Literature minors focus on developing reading, writing, and critical thinking skills that will prepare them for a variety of post-graduate programs, including graduate and law school, as well as work within nonprofit and governmental organizations, museums and art galleries, publishing, writing, marketing, and advertising.

Media and Cultural Studies Minor

Students in the Media and Cultural Studies Minor will:

- Interpret, analyze and critique cultural artifacts and practices (including film, television, and new media).
- Create various types of cultural texts and participate in various kinds of cultural practices (including image production, film, theory, and argumentation).
- Describe and critique the social, historical, and linguistic worlds that surround texts, with emphasis on international and U.S. multicultural perspectives.
- Demonstrate effective writing and speaking skills.

Media Studies provides the opportunity for students to think across media forms and cultural contexts. It is an interdisciplinary field that focuses on the content, history, and effects of various media, including television, film, and digital technologies. The program offers students the chance to both make and reflect on these media. Students of media studies learn to analyze media texts, situate them within historical contexts and engage in theoretical debates about them. They also experiment in the production of a variety of media texts. Students learn to create original work, analyze and appreciate the work of others, and assess the wider impact of mass media on public life. Fundamental to Media Studies is the cultivation and honing of communication skills necessary to succeed in our mediated world.

Faculty

Department Chair
Dr. Janet E. Dean

Professor
Thomas Chandler

Professor
Janet Dean

Professor
Cileine de Lourenco

Professor
Terri A. Hasseler

Professor
Stanley J. Kozikowski

Professor
Martha Kuhlman

Professor
Alex Perullo

Professor
Mary E. Prescott

Professor
Elizabeth Walden

Associate Professor
Jeffery Cabusao

Associate Professor
Maura Coughlin

Associate Professor
Amber Day

Associate Professor
William Graves III

Associate Professor
Thomas J. Roach

Lecturer
Steven Jablow

Lecturer
Joan Zaretti

Major

- Bachelor of Arts with a Major in Literary and Cultural Studies (p. 27)

Concentrations

- Creative and Applied Arts Concentration (p. 28)
- Literary and Cultural Studies Concentration (p. 28)
- Literature Concentration (p. 29)
- Media and Cultural Studies Concentration (p. 29)

Minors

- Literary and Cultural Studies Minor (p. 28)
- Literature Minor (p. 29)
- Media and Cultural Studies Minor (p. 29)

Bachelor of Arts with a Major in Literary and Cultural Studies

Bachelor of Arts with a Major in Literary and Cultural Studies Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Literary and Cultural Studies Major Requirements	
LCS 270	Introduction to Cultural Studies
Two Literary and Cultural Studies courses at the 200 level	
Three Literary and Cultural Studies courses at the 300 level	
Two advanced Literary and Cultural Studies courses at the 400 level	
LCS 490	Critical and Cultural Theory
LCS 491	Workshop in Creative and Critical Practice
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis

MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distributions - Modes of Thought [1]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [2]	
Business Minor Requirement	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

[1] Humanities Survey and Modes of Thought requirements can be met by appropriate courses in the major.

[2] Include one Lab Science. One science course must be taken at the 300 or 400 level.

A minimum 122 credit hours is required for graduation

Creative and Applied Arts Concentration

Creative and Applied Arts Concentration Requirements

A total of six classes are required for the concentration.

LCS 220	Creativity and the Arts
One analytical/theoretical course	
One studio course	
Two additional courses from the analytical/theoretical offerings or studio offerings, one of which may be at the 200 level	
LCS 491	Workshop in Creative and Critical Practice

Analytical/Theoretical Courses

Literary/Dramatic genres	
LCS 352	Studies in Poetry
LCS 353	Studies in Drama
Music	
LCS 280	Introduction to World Music
LCS 358	Introduction to Studies in Jazz
LCS 359	Popular Music and Culture
LCS 458	Anthropology of Music Industries
Visual Arts	
LCS 275	Introduction to Visual Culture
LCS 325	Studies of the Book: Paper, Collage and Book Making
LCS 341	Philosophy of Art
LCS 374	Modern Art in Europe 1880-1945
LCS 375	Landscape, Visual Culture and Ecology
LCS ST301	Special Topics in Literary and Cultural Studies The Locations of Culture Histories of Art
LCS ST400	Special Topics in LCS Late Nineteenth-Century Art in France: Impressionism and Post Impressionism
Interdisciplinary	
LCS 240	Introduction to the Environmental Humanities
LCS 387	African Popular Culture
LCS 440	Issues in Arts Administration
LCS 466	Women and the Creative Imagination
LCS 468	The Graphic Novel
LCS 469	Political Satire
LCS/WGS 471	Friendship and Intimacy in the Age of Social Media
SOC 362	Sociology of Innovation and Creativity

Studio/Workshop Courses

LCS 320	Design in Contemporary Culture
LCS 321	Drawing Studio
LCS 322	Ecological Art and Design
LCS 323	Digital Studio Workshop
LCS 324	Digital Photography
LCS 325	Studies of the Book: Paper, Collage and Book Making
LCS 370	Poetry Writing Workshop
LCS 371	Fiction Writing Workshop
LCS 372	Creative Writing Workshop
LCS 470	Advanced Poetry Writing

Internships, Study Abroad, and Directed Studies

With chair approval, a student may pursue their interest in the arts through an internship with an arts organization, a directed study, or work on a project during study abroad focused on creative production or the arts. Some SIE trips emphasizing the creative arts may also be applicable to this concentration (with chair approval).

Literary and Cultural Studies Concentration

Literary and Cultural Studies Concentration Requirements

A total of six courses are required for the concentration.

LCS 270	Introduction to Cultural Studies
One Literary and Cultural Studies at the 200 level	
Two Literary and Cultural Studies courses at the 300 level	
One advanced course in Literary and Cultural Studies at the 400 level	
LCS 490	Critical and Cultural Theory

Literary and Cultural Studies Minor

Literary and Cultural Studies Minor Requirements

LCS 270	Introduction to Cultural Studies
One Literary and Cultural Studies course at the 200 level	

One Literary and Cultural Studies course at the 300 level	
One advanced course in Literary and Cultural Studies at the 400 level	

Literature Concentration

Literature Concentration Requirements

A total of six courses are required for the concentration.

LCS 121	Introduction to Literary Studies
Select one of the following:	
LCS 363	British Literary Contexts Beginnings to the Restoration
LCS 364	British Literary Contexts Restoration to the Present
LCS 365	American Literary Contexts Beginnings to the Civil War
LCS 366	American Literary Contexts Civil War to the Present
LCS 490	Critical and Cultural Theory
Three additional courses offered by the Department of English and Cultural Studies	
LCS 491	Workshop in Creative and Critical Practice

Literature Minor

Literature Minor Requirements

LCS 121	Introduction to Literary Studies
Select one of the following:	
LCS 363	British Literary Contexts Beginnings to the Restoration
LCS 364	British Literary Contexts Restoration to the Present
LCS 365	American Literary Contexts Beginnings to the Civil War
LCS 366	American Literary Contexts Civil War to the Present
One course at the 300 level or 400 level that is multi-cultural in focus	
One 400 level course or 300 level course from the following choices:	
Advanced topics in literature at the 400 level	
Genre based courses in literature at the 300 level	
Creative writing courses at the 300 level	

Media and Cultural Studies Concentration

Media Studies Concentration Requirements

A total of six classes are required for the concentration. After Introduction to Cultural Studies, only one additional course may be taken at the 200 level.

LCS 270	Introduction to Cultural Studies
One Studio Course	
Two Analytical/Theoretical Courses (at least one at the 300/400 level)	
One Media Studies Elective (studio or analytical/theoretical)	

Choose one course from the following:

LCS 441	Film Theory
LCS 469	Political Satire
LCS 491	Workshop in Creative and Critical Practice

Analytical/Theoretical Courses

LCS 230	Introduction to Film Studies
LCS 275	Introduction to Visual Culture
LCS 354	Animation Theory, History, Practice
LCS 362	The Human/Animal in Philosophy and Culture: An Intro. to Animal Studies
LCS 379	Asian American Studies
LCS 383	Sexuality and Culture
LCS 441	Film Theory
LCS/COM 450	Film Genre Studies
LCS 469	Political Satire
LCS/WGS 471	Friendship and Intimacy in the Age of Social Media
LCS/COM 475	Discourse Analysis: Producing Social Realities
LCS 490	Critical and Cultural Theory
LCS 491	Workshop in Creative and Critical Practice

Studio Courses

COM 242	Basic Studio Production
COM 243	Basic Field Production and Editing
COM 343	Narrative Filmmaking
COM 345	Documentary Filmmaking
COM 352	Writing for Social Media
COM 442	Advanced Television
COM 443	Script to Screen
LCS 323	Digital Studio Workshop
LCS 324	Digital Photography

Media and Cultural Studies Minor

Media and Cultural Studies Minor Requirements

LCS 270	Introduction to Cultural Studies
One studio course	
One analytical/theoretical course at the 300 or 400 level	
One 400 level course	

Applicable Courses

Analytical/Theoretical Courses

LCS 354	Animation Theory, History, Practice
LCS 362	The Human/Animal in Philosophy and Culture: An Intro. to Animal Studies
LCS 379	Asian American Studies
LCS 383	Sexuality and Culture
LCS 441	Film Theory
LCS/COM 450	Film Genre Studies
LCS 469	Political Satire
LCS/WGS 471	Friendship and Intimacy in the Age of Social Media
LCS/COM 475	Discourse Analysis: Producing Social Realities
LCS 490	Critical and Cultural Theory

LCS 491	Workshop in Creative and Critical Practice
Studio Courses	
LCS 323	Digital Studio Workshop
LCS 324	Digital Photography
COM 343	Narrative Filmmaking
COM 345	Documentary Filmmaking
COM 352	Writing for Social Media
COM 442	Advanced Television
COM 443	Script to Screen

History and Social Sciences Department

Mission Statement

As a multidisciplinary department, the Department of History & Social Sciences advances the study and practice of history and the social sciences through teaching, research, and outreach. Through faculty and student research, we generate knowledge rooted in historical and social scientific approaches to the study of the human condition. And we disseminate this knowledge through teaching, publication, conference presentation, and engagement with private and public organizations and groups.

We are teacher/scholars who value both pure and applied knowledge; who value the diversity of approaches to teaching and scholarship that exists within and across our disciplines; who desire that all students, both majors and non-majors, acquire the distinctive perspective of the discipline underlying the particular courses that they take in our Department. We are dedicated to quality teaching, as well as to the assurance of student learning.

We are committed to the University Mission of “promoting academic excellence and cultivating the leadership skills, qualities of character, and diverse perspectives required to succeed in an age of unlimited global opportunity,” and we are committed to making our courses an important contribution to this preparation.

We are dedicated to our faculty to provide them with support to encourage quality teaching, service, and research.

Programs include:

- Global Studies (p. 31)
- History (p. 34)
- Politics and Law (p. 35)
- Sociology (p. 38)

Faculty

Department Chair
Dr. John Dietrich

Faculty: History
Judy Barrett Litoff
Professor

Faculty: History
Antoine L. Joseph
Professor

Faculty: History
David S. Lux
Professor

Faculty: History
Bradford D. Martin
Professor

Faculty: History
James R. Estey
Associate Professor

Faculty: History
Paul Lokken
Associate Professor

Faculty: History
Harry J. Hubbard
Senior Lecturer

Faculty: Legal Studies
Michael Bryant
Professor

Faculty: Legal Studies
Andrea Boggio
Associate Professor

Faculty: Legal Studies
Ronald S. Washburn
Senior Lecturer

Faculty: Legal Studies
Colten W. Hall
Lecturer

Faculty: Political Science
John Dietrich
Professor

Faculty: Political Science
Nicole Freiner
Associate Professor

Faculty: Political Science
Richard Holtzman
Associate Professor

Faculty: Political Science
Emily C. Copeland
Senior Lecturer

Faculty: Sociology
Gregg Lee Carter
Professor

Faculty: Sociology
Judith McDonnell
Professor

Faculty: Sociology
Sandra Enos
Associate Professor

Faculty: Sociology
David J. Ciliberto

Senior Lecturer

Global Studies

Mission Statement

The Global Studies program prepares students with the understanding of other countries, cultures, and global interactions necessary to succeed in the modern interconnected world. Majors learn key facts, terms, and background information on critical issues, so that they can understand primary documents, the popular press, and academic literature. Students move beyond seeing global challenges and opportunities as simply current events or as a series of disconnected cases by examining theories and conceptual models used to organize, explain, and predict events. Majors learn the research methods of the field, so that they can produce their own analysis of public policy issues and cultural interactions, thereby enabling them to conduct independent research.

Major in Global Studies

Students completing the Global Studies major (B.A.) will demonstrate the ability to:

- Define or describe, and apply key concepts, specific facts, and critical issues of other countries, cultures, and global interactions.
- Use conceptual models and theories to analyze global events and decisions.
- Identify, discuss, and employ the methods used in global studies research
- Make convincing arguments, employing an interdisciplinary framework, that are supported by evidence and reasoning.

Global Studies is a liberal arts major that prepares students to become effective leaders and citizens in today's rapidly changing world. Modern economies are shaped by factors such as rising trade levels, multinational corporations, and global economic institutions. National and personal security are influenced by global events. The cultures of the world are linked and ideas can flow globally in an instant. No single academic discipline can cover all aspects of these global realities, but careful multidisciplinary study can give students the knowledge and skills necessary to understand and succeed in this interconnected world.

The major's three required introductory courses provide students with important core knowledge and skills that will be developed in their advanced courses. Introduction to Global Politics establishes key concepts, terms, and theories with a focus on recent global issues and controversies. Introduction to Global Anthropology exposes students to other cultures and explores the impact of cultural interaction. World History since 1500 provides a sweep of major global events to explore factors shaping particular countries' development and to show how key political, economic, and cultural trends have shaped the modern global system.

Majors choose one of three content tracks (Global Politics, Global Economics or Global Cultural Interaction) depending on their interests and goals. These tracks assure coherence, so that students can build information and skills from one course to the next. All of these courses are at the 300 or 400 level to provide intellectual challenge and reinforce concepts developed in earlier courses. Each track includes courses from at least three disciplines to provide access to a wide range of academic discourse and allow holistic study of particular issues that cross disciplinary lines.

Students also take three elective courses to enhance their global knowledge. There is a wide variety of approved knowledge electives so individuals can make a choice of depth or breadth in their course selection. A student particularly interested in Latin America might take history, political science, literature, or language courses to intensively explore that region. Another student might prefer a broader knowledge base and take courses in Latin American history, Middle East politics, and African culture. The merits of one choice versus another would depend on the individual student and her goals.

To aid their understanding of other cultures, majors must demonstrate competency in a modern foreign language either by passing an Intermediate II (MLXX206) course at Bryant, or by placing into an ML-300 level or above course on a language placement exam.

The major culminates with the Seminar on Global Issues in which advanced students read and critically analyze recent academic literature focusing on an important global theme such as globalization or empires. Each student also examines a particular global issue or policy problem as part of a semester-long research project.

One way to expand global knowledge and understanding is to acquire firsthand experience overseas. Majors are therefore encouraged, but not required, to study abroad. They must, however, complete their required and content courses at Bryant, and can count a maximum of two foreign courses as knowledge electives.

There is no preset order for completing the required, content area, and knowledge courses, but students are encouraged to meet with faculty to develop coherent individual programs. Majors are also strongly encouraged to complete additional courses from these offerings, which can be counted toward graduation as mode of thought courses or liberal arts electives.

Global Studies courses develop valued skills in analytic thinking, decision-making, and communication. Global Studies majors are equipped for success throughout their professional lives in fields such as government service, business, education, and journalism, or to pursue advanced study in several fields, such as history, international relations, political science, anthropology, and development.

Concentration in Global Studies

Students completing the Global Studies concentration will demonstrate the ability to:

- Define or describe, and apply key concepts, specific facts, and critical issues of other countries, cultures, and global interactions.
- Use conceptual models and theories to analyze global events and decisions.
- Identify, discuss, and employ the methods used in global studies research.
- Make convincing arguments, employing an interdisciplinary framework, that are supported by evidence and reasoning.

The Global Studies concentration at Bryant is an 18 credit liberal arts concentration that can only be completed along with a College of Business concentration or a major in the College of Arts and Sciences.

Global Studies concentrators complete required courses in global politics and anthropology, and a senior seminar that allows students to explore topics in depth. Students also choose electives from approved course

listings in several departments: Communication, Economics, English and Cultural Studies, and History and Social Sciences.

Concentrators must demonstrate intermediate-level proficiency in a modern foreign language. (See the discussion of this requirement under the Global Studies major for details.)

Global Studies Minor

Global Studies is an interdisciplinary major and minor in the College of Arts and Sciences that prepares students with the understanding of other countries, cultures and global interactions. Students move beyond seeing global challenges and opportunities as simply current events or as a series of single cases by examining theories and conceptual models used to organized, explain and predict events. Global Studies Majors and Minors examine the world from the perspective of citizens, movements and everyday realities using on the ground research methods of the field (rather than viewing interactions from the top-down) so that they can produce their own analyses of public policy issues and cultural interactions, thereby enabling them to conduct independent research.

Majors

- Bachelor of Arts with a Major in Global Studies – Global Cultural Interaction Content Track (p. 32)
- Bachelor of Arts with a Major in Global Studies – Global Economics Content Track (p. 32)
- Bachelor of Arts with a Major in Global Studies – Global Politics Content Track (p. 33)

Concentration

- Concentration in Global Studies (p. 34)

Minor

- Minor in Global Studies (http://catalog.bryant.edu/undergraduate/collegeofartsandsciences/departmentofhistoryandsocialsciences/globalstudies/minorstext)

Bachelor of Arts with a Major in Global Studies - Global Cultural Interaction Content Track

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Global Studies Major Requirements	
POLS/GLOB 241	Introduction to Global Politics
or POLS/GLOB 290	Honors Politics of the Global System
GLOB/LCS 242	Introduction to Global Anthropology
or GLOB/LCS 243	Honors: The Anthropology of Globalization
HIS/GLOB 271	World History Since 1500
GLOB 490	Seminar on Global Issues
Intermediate Language Proficiency	
Three Global Knowledge Electives [1]	
Global Cultural Interaction Content Track Requirements	
Select three of the following:	
COM 365	Language, Culture, and Communication
COM 366	Intercultural Communication
COM 478	Mass Communicaton in the Global Village
HIS 354	Trends in Modern Thought
HIS 377	Gandhi and Mandela
LCS 361	Studies in International Literature
LCS 359	Popular Music and Culture
LCS 384	Comparative Religions
POLS 463	Ethics in International Affairs
PSY 465	Cross-Cultural Psychology
SOC 455	Urban Sociology
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distributions – Modes of Thought [2]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [3]	
Business Minor Requirements	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

1. A maximum of 3 credits from 200-level courses, and a maximum of 6 credits from 300- or 400-level language courses
2. Humanities Survey and Modes of Thought requirements can be met by appropriate courses in the major.
3. Include one Lab Science. One science course must be taken at the 300 or 400 level.

A minimum 122 credit hours required for graduation

Bachelor of Arts with a Major in Global Studies - Global Economics Content Track

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business

WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Global Studies Major Requirements	
POLS/GLOB 241	Introduction to Global Politics
or POLS/GLOB 290	Honors Politics of the Global System
GLOB/LCS 242	Introduction to Global Anthropology
or GLOB/LCS 243	Honors: The Anthropology of Globalization
HIS/GLOB 271	World History Since 1500
GLOB 490	Seminar on Global Issues
Intermediate Language Proficiency	
Three Global Knowledge Electives [1]	
Global Economics Content Track Requirements	
Select three of the following:	
ECO 367	Economic Development
ECO 471	International Trade
LGLS 451	International Business Law
POLS 481	Politics of Developing Countries
POLS 483	Politics of International Economic Relations
SOC 451	Population and Society
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses [2]	
Liberal Arts Distributions – Modes of Thought [2]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [3]	
Business Minor Requirements	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

1. A maximum of 3 credits from 200-level courses, and a maximum of 6 credits from 300- or 400-level language courses
2. Humanities Survey and Modes of Thought requirements can be met by appropriate courses in the major.
3. Include one Lab Science. One science course must be taken at the 300 or 400 level.

A minimum 122 credit hours required for graduation

Bachelor of Arts with a Major in Global Studies - Global Politics Content Track

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Global Studies Major Requirements	
POLS/GLOB 241	Introduction to Global Politics
or POLS/GLOB 290	Honors Politics of the Global System
GLOB/LCS 242	Introduction to Global Anthropology
or GLOB/LCS 243	Honors: The Anthropology of Globalization
HIS/GLOB 271	World History Since 1500
GLOB 490	Seminar on Global Issues
Intermediate Language Proficiency	
Three Global Knowledge Electives [1]	
Global Politics Content Track Requirements	
Select three of the following:	
HIS 365	The United States and World Politics, 1890 to the Present
LGLS 381	Global Dimensions of Law
POLS 351	United States Foreign Policy
POLS 462	International Relations
POLS 483	Politics of International Economic Relations
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses [2]	
Liberal Arts Distributions – Modes of Thought [2]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [3]	
Business Minor Requirements	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

[1] A maximum of 3 credits from 200-level courses, and a maximum of 6 credits from 300- or 400-level language courses

[2] Humanities Survey and Modes of Thought requirements can be met by appropriate courses in the major.

[3] Include one Lab Science. One science course must be taken at the 300 or 400 level.

A minimum 122 credit hours required for graduation

Concentration in Global Studies

Global Studies Concentration Requirements

POLS/GLOB 241	Introduction to Global Politics
or POLS/GLOB 290	Honors Politics of the Global System
GLOB/LCS 242	Introduction to Global Anthropology
or GLOB/LCS 243	Honors: The Anthropology of Globalization
GLOB 490	Seminar on Global Issues
Three Global Knowledge Electives	

History

Mission Statement

The History Program at Bryant University strives to advance the study and practice of history through teaching, research, and outreach. Through the scholarly and pedagogical enterprise of faculty and students, we seek to enhance knowledge of the human condition in all its diversity by facilitating an historical understanding of human experiences. We endeavor to ensure that all students, both majors and non-majors, acquire exposure to historical perspectives and methods, as well as insight into how these perspectives may be applied to the challenges facing the contemporary world. As faculty, we are teacher/scholars who disseminate knowledge through teaching, publication, conference presentation and engagement with public and private organizations and groups.

Major in History

Students completing the History major (B.A.) will demonstrate:

- A knowledge of questions historians ask of the past and how they are connected to the challenges facing the contemporary world.
- An understanding of historical methods.
- The ability to communicate clear and persuasive historical arguments supported by appropriate evidence.
- An understanding of how historical forces shape personal, individual experiences, and how those experiences are linked to larger social and political institutions.

Where have we come from? Rich, variegated, and intrinsically exciting, the study of history invites students to a deeper comprehension of human experience through an examination of the institutional, social, political, economic, technological, intellectual, and cultural dimensions of our past. Where are we? Of greater significance, disciplined study of the past encourages the cultivation of “historical thinking” – understanding human identity and social interaction in their historical contexts – so necessary to analyze and evaluate issues of the contemporary world. Where are we going? Of yet greater significance, historical thinking provides the intellectual tools and sophistication to face a rapidly changing and challenging future with measured confidence.

At Bryant, students pursuing a B.A. degree in history receive thorough training in historical studies. Each student acquires skills enabling him or her to read documents or texts in an historical context, to interpret events and understand institutions, to appreciate the diverse cultural and historical experience of Western and non-Western peoples, and to write extensively. Coupled with Bryant’s common core of business training, the command of these skills – all highly valued by the business community – provides students a unique education and training for positions of leadership. Further, the concentration in history gives students excellent preparation for advanced studies at the graduate level in a variety of disciplines, including law, business, public policy, education, and history, among others.

The history major consists of three components:

1. an individually tailored program of instruction, to be created by the student in consultation with a faculty advisor from history;
2. completion of a minimum of 10 courses in history, of which no more than three may be at the 200-level, at least two must be in U.S. history, and at least two must be in non-U.S. history; and at least two must be at the 400-level (includes HIS 490)
3. completion of the Capstone course (HIS 490), a Seminar in Historical Inquiry. Students are also encouraged to pursue individual Directed Studies courses and to exploit the rich historical resources available in the New England area through internships with the Rhode Island Historical Society, Slater Mills Historic Site, or other area museums and public history institutions).

Concentration in History

Students in the History concentration will demonstrate:

- A knowledge of questions historians ask or the past and how they are connected to the challenges facing the contemporary world.
- An understanding of historical methods.
- The ability to communicate clear and persuasive historical arguments supported by appropriate evidence.
- An understanding of how historical forces shape personal, individual experiences, and how those experiences are linked to larger social and political institutions.

The history concentration consists of three components:

1. an individually tailored program of instruction, to be created by the student in consultation with a faculty advisor from history
2. completion of a minimum of six courses in history, of which no more than two may be at the 200-level, at least one elective must be at the 400-level, at least two must be in U.S. history, and at least two must be in non-U.S. history
3. completion of the Senior 400-level course, a Seminar in Historical Inquiry

Students are also encouraged to pursue individual Directed Studies courses and to exploit the rich historical resources available in the New England area through internships (e.g. with the Rhode Island Historical Society, Slater Mills Historic Site, or other area museums and public history institutions). This is an 18 credit concentration only. Students

must have a primary concentration in the College of Business or a major in the College of Arts and Sciences.

History Minor

Students completing the History minor will demonstrate:

- A knowledge of questions historians ask of the past and how they are connected to the challenges facing the contemporary world.
- The ability to communicate clear and persuasive historical arguments supported by appropriate evidence.
- An understanding of how historical forces shape personal, individual experiences, and how those experiences are linked to larger social and political institutions.

Students may choose among four tracks of study: United States history, European history, world history, or a specialized course of study.
The history minor emphasizes personal resourcefulness, the ethical dimensions of history, and the awareness of diversity and differences in the human experience.

Major

- Bachelor of Arts with a Major in History (p. 35)

Concentration

- History Concentration (p. 35)

Minor

- History Minor (p. 35)

Bachelor of Arts with a Major in History

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
History Major Requirements	
HIS 273	History in the World Today
History Electives (6 courses) including the following:	
No more than three courses at the 200 level	
At least two courses must be in United States History	
At least two courses must be in non-United States History	
Two courses at the 400 level (includes HIS 490)	
HIS 490	Seminar in Historical Inquiry
An additional two electives [1]	
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses [2]	
Liberal Arts Distributions – Modes of Thought [2]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [3]	
Business Minor Requirement	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

1. These may be History electives or approved History and Social Science electives.
2. Humanities Survey and Modes of Thought requirements can be met by appropriate courses in the major.
3. Include one Lab Science. One science course must be taken at the 300 or 400 level.

A minimum of 122 credits required for graduation

History Concentration

History Concentration Requirements

HIS 273	History in the World Today
HIS 490	Seminar in Historical Inquiry
Four History Electives [1]	

1. No more than two courses at the 200-level, at least two courses must be in U.S. History (may include HIS 490), at least two courses must be in non-U.S. History (may include HIS 490), two courses must be at the 400 level (includes HIS 490)

History Minor

History Minor Requirements

One 200-level history course
Two 300 or 400-level history courses
One 400-level history course

Politics and Law

Mission Statement

The major in Politics and Law prepares students for a world shaped by political and legal questions and decisions. Majors learn key facts, terms, and background information on critical political and legal issues, so that they can understand primary documents, academic literature, and coverage of these issues in the popular press. They are exposed to the many dimensions of politics and the law as social phenomena: their origins, evolution, functions, and effects. Students examine the theories and conceptual models used to describe, explain, and predict events, so that they move beyond seeing political and legal events as simply a series of disconnected cases. Majors learn the research methods of the

field, so that they can produce their own analysis of public policy issues, explanations of how law operates in society, and independent research.

Major in Politics and Law

Students completing the Politics and Law major will demonstrate the ability to:

- Define or describe key concepts, specific facts, and critical issues of U.S. and global politics and law, and correctly apply this information to particular examples.
- Use conceptual models and theories to analyze political and legal events and decisions.
- Identify and discuss the methods used in political science and legal studies research.
- Apply political and legal science methods in making convincing arguments supported by evidence and reasoning.

Today's world is shaped by political and legal questions and decisions. Recent decades have seen the expansion of governmental power and its reach into economic, social, and moral spheres. Meanwhile, globalization and other developments have made economies, cultures, and political systems subject to daily international challenges and opportunities. Those who study and appreciate the factors shaping modern realities will surely outpace those who do not. Additionally, political and legal knowledge allows majors to move from being political spectators to active citizens who know how to shape decisions and contribute to a successful democratic society.

The Politics and Law major unites the complementary disciplines of Political Science and Legal Studies. The major includes six required courses. In Political Science, students take one course from each of three of the discipline's major subfields, namely, American government, comparative government (examining politics outside of the United States), and international politics. From Legal Studies, the required courses introduce students to a variety of legal issues, but also provide insights into the ways that law is shaped by cultural forces, social change, intellectual debate, and historical developments.

Students then choose three electives in the major, at least one at the 400 level, drawn from upper level Political Science and Legal Studies courses. Majors are strongly encouraged to complete additional courses from these offerings, which can be counted toward graduation as mode of thought courses or liberal arts electives. Students should note that LGLS 211 is designated as a business course, so electing this course may limit students' flexibility in choosing other business electives.

The major culminates with the Seminar in Politics and Law. This Capstone course provides majors with a distinctive experience that engages them in careful reading and discussion of key academic literature, and allows them to work intensively with the instructor to complete a major research project on a topic of their choice.

Legal Studies and Political Science courses develop valued skills in analytic thinking, decision-making, and communication. Politics and Law majors are equipped for success throughout their professional lives in fields such as government service, business, education, the nonprofit sector, journalism, and public administration, or they can pursue advanced study in law or other fields such as international relations, political science, or public administration.

Political Science Concentration – Mission Statement

The concentration in Political Science allows students to go beyond a minor in preparing themselves for a world shaped by political questions and decisions.

Concentrators learn key facts, terms, and background information on critical political issues in at least two political science subfields, so that they can understand primary documents, academic literature, and coverage of these issues in the popular press. Students examine the theories and conceptual models used to describe, explain, and predict events, so that they move beyond seeing political events as simply a series of distinct cases. Concentrators learn the research methods of the field, so that they can produce their own analysis of public policy issues and independent research. Bryant's curriculum includes American politics, comparative politics, international relations, and political philosophy.

Political Science Concentration

Students completing the Political Science concentration will demonstrate the ability to:

- Define or describe key concepts, specific facts, and critical political issues, and correctly apply this information to particular examples.
- Use conceptual models and theories to analyze political events and decisions.
- Identify and discuss the methods used in political science research.
- Apply the methods of political science in making convincing arguments supported by evidence and reasoning.

Political Science Minor – Mission Statement

The minor in Political Science prepares students for a world shaped by political questions and decisions. Minors learn key facts, terms, and background information on critical political issues, so that they can understand primary documents, academic literature, and coverage of these issues in the popular press. Students examine the theories and conceptual models used to describe, explain, and predict events, so that they move beyond seeing political events as simply a series of distinct cases. Minors learn the research methods of the field, so that they can produce their own analysis of public policy issues and independent research. Bryant's curriculum includes American politics, comparative politics, international relations, and political philosophy.

Political Science Minor

Students completing the Political Science minor will demonstrate the ability to:

- Define or describe key concepts specific facts, and critical political issues, and correctly apply this information to particular examples.
- Use conceptual models and theories to analyze political events and decisions.
- Identify and discuss the methods used in political science research.
- Apply the methods of political science in making convincing arguments supported by evidence and reasoning.

Legal Studies Minor – Mission Statement

The minor in Legal Studies exposes students to the study of "law in context." Minors acquire familiarity with the ways in which law operates in society and the many facets of the law as a social phenomenon its origins, evolution, function, and effects. Furthermore, minors are exposed to practical skills needed to analyze legal phenomena and to investigate legal resources, broadly defined.

Legal Studies Minor

Students completing the Legal Studies minor will demonstrate the ability to:

- Define or describe key concepts, specific facts, and critical issues of U.S. and international law, and to correctly apply this information to particular examples.
- Use conceptual models and theories to analyze legal cases.
- Identify and discuss the methods used in legal studies research.
- Apply the methods of legal studies in making convincing arguments supported by evidence and reasoning.

The Legal Studies curriculum encourages an under- standing of ethical thinking in legal problem solving. The ability to engage in legal problem solving enhances personal analytical skills. Students can select courses that will prepare them for law school, give them information that will be valuable for a variety of careers in the United States and around the globe or simply offer a better understanding of law and government.

Major

- Bachelor of Arts with a Major in Politics and Law (p. 37)

Concentration

- Political Science Concentration (p. 37)

Minors

- Political Science Minor (p. 38)
- Legal Studies Minor (p. 37)

Bachelor of Arts with a Major in Politics and Law

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Politics and Law Major Requirements	
POLS/GLOB 241	Introduction to Global Politics
or POLS/GLOB 290	Honors Politics of the Global System
POLS 256	Government and Society in America
or POLS 291	Honors Contemporary American Politics
POLS 361	Comparative Politics
LGLS 220	Western Legal Tradition
LGLS 351	Civil Rights and Liberties
LGLS 360	Law and Society
Three Electives in the Major from POLS and LGLS [1]	
POLS/LGLS 490	Seminar in Politics and Law
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distributions – Modes of Thought [2]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [3]	
Business Minor Requirements	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

1. At least 3 credits must be at the 400 level
2. Modes of Thought requirements can be met by appropriate courses in the major.
3. Include one Lab Science. One science course must be taken at the 300 or 400 level.

A minimum 122 credit hours required for graduation.

Legal Studies Minor

Legal Studies Minor Requirements

Four legal studies elective curses (not including LGLS 211 which is included in the business core) including one 400-level legal studies course.

Political Science Concentration

Political Science Concentration Requirements

Select two from the following:	
POLS 256	Government and Society in America
or POLS 291	Honors Contemporary American Politics
POLS/GLOB 241	Introduction to Global Politics
or POLS/GLOB 290	Honors Politics of the Global System
POLS 361	Comparative Politics

Two 300 or 400 level political science courses [1]	
Two 400-level political science courses	

[1] students may count POLS 361 if they have taken POLS 241 and POLS 256 or equivalents

Political Science Minor

Political Science Minor Requirements

Select one of the following:	
POLS 256	Government and Society in America
POLS 291	Honors Contemporary American Politics
GLOB/POLS 241	Introduction to Global Politics
GLOB/POLS 290	Honors Politics of the Global System
Two 300 or 400 level political science courses	
One 400-level political science course	

Sociology

Sociology - Mission Statement

The Sociology Program aims to foster the sociological perspective in all students, from those taking just one course, to minors, to concentrators, and to majors. We are committed to our majors and concentrators learning the basics of the theories, methods, and core content of the discipline through coursework, research, and field experiences. We are further committed to our majors and concentrators being able to apply their sociological learning to the understanding and solution of complex problems. Finally, the program is committed to faculty development to encourage quality teaching, service, and research.

Major in Sociology

Students completing the Sociology major (B.A.) will:

- Demonstrate knowledge of the core content of sociology.
- Use sociological theory to understand the relationship between larger social forces and individual experiences.
- Apply methods, both quantitative and qualitative.
- Apply sociological insights to complex problems.

Sociology provides students with a deep understanding of the sociological perspective, its theoretical foundations, and its methods. The sociology core is combined with a broad set of liberal arts courses and an array of business courses to produce a solid foundation for a rewarding career in a variety of profit and nonprofit settings. Because of this broad foundation in the liberal arts, sociology graduates are not limited to a narrow range of employment opportunities; they are able to apply the sociological perspective to a wide variety of jobs in such sectors as business, the health professions, the criminal justice system, social services, and government. Further, the Bachelor of Arts in Sociology program provides an excellent foundation for later graduate work in such areas as sociology, business, law, education, and public policy.

The sociology program provides students with a choice of two content tracks: Service Learning and Social Research.

Sociology Concentration - Mission Statement

The Sociology program aims to foster the sociological perspective in all students, from those taking just one course, to minors, to concentrators, and to majors.

Students completing the Sociology concentration will:

- Demonstrate knowledge of the core content of sociology through the foundation courses, research methods and sociological theory.
- Use sociological theory to understand the relationship between larger social forces and individual experiences
- Analyze the complex problems via the sociological lens and insight
- Use research methods to connect questions about the sociological world to ways of studying the very same world.

Sociology Concentration

The Sociology concentration consists of two levels: the foundational level of two 200-level courses and the upper division courses that might include both traditional sociology and service learning. A concentrator could specialize in either of the two content areas.

Sociology Minor

Students completing the Sociology minor will:

- Demonstrate knowledge of the core content of sociology
- Use sociological theory to understand the relationship between larger social forces and individual experiences.
- Demonstrate an understanding of sociological methods.

Students develop a sophisticated sense of the ways in which individual behavior is the product of social experience. Such study helps students gain insight into their own society and culture and provides a critical understanding of the global community. Students begin the minor by taking SOC 251 or SOC 253 and finish it with a Capstone course, which may be any of the 400level offerings in sociology; in between, they are required to take two more sociology courses, which may be chosen from the wide range of 300 or 400 level courses offered in the Department.

Sociology and Service Learning Minor

Students completing the Sociology and Service Learning minor will:

- Demonstrate knowledge of the core content of sociology
- Use sociological theory to understand the relationship between larger social forces and individual experiences.
- Demonstrate an understanding of sociological methods, as applied to community engagement.
- Apply sociological insights to the understanding or solution of complex problems

The Sociology and Service Learning minor helps students to develop a sophisticated sense of the ways in which individual behavior is the product of social experience. Through such study they gain insight into their own society and culture and a critical understanding of the global community. The four-course sequence begins with two foundational courses: Principles of Sociology, and Community Engagement and Service Learning. Students then choose at least one service learning

course from a variety of sociology offerings,and they complete the minor with any 400- level sociology course.

Majors

- Bachelor of Arts with a Major in Sociology - Social Research Content Track (p. 39)
- Bachelor of Arts with a Major in Sociology - Service Learning Content Track (p. 39)

Concentrations

- Sociology Concentration (p. 40)

Minors

- Sociology Minor (p. 40)
- Sociology and Service Learning Minor (p. 40)

Bachelor of Arts with a Major in Sociology Social Research Content Track

Social Research Content Track

The Social Research content track builds upon the sociology core with an enhanced focus on social research methods. Courses within the major are designed to lead to a substantial, individual research project for the student's Capstone experience. Through a combination of traditional sociology courses and individual research under the close supervision of a member of the sociology faculty, students become skilled at conceptualizing problems, designing research, and analyzing data. Students develop a deep understanding and can think analytically about the ways in which individual behavior is connected to the larger social world. Regardless of which concentration is selected, the skills and qualities fostered by the Bachelor of Arts in Sociology program combine to prepare students for fulfilling lives and rewarding careers across a broad spectrum of profit and nonprofit settings.

Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Sociology Major Requirements - Social Research Content Track	
SOC 251	Principles of Sociology
or SOC 253	Honors Sociology
SOC 250SL	Community Engagement and Service Learning
MATH 350	Statistics II
SOC 400	Research Methods in Sociology
SOC 454	Social Theory: The Study of Isms and Phobias
SOC 491	Sociology Capstone I
Four Social Science Electives (at least 2 in Sociology)	
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distributions – Modes of Thought Two [1]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought (Include one Lab Science) (One science course must be taken at the 300 or 400 level)	
Business Minor Requirements	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

[1] Modes of Thought requirements can be met by appropriate courses in the major.

A minimum 122 credit hours required for graduation

Bachelor of Arts with a Major in Sociology – Service Learning Content Track

Service Learning Content Track

The Service Learning content track builds upon the sociology core with an emphasis on community engagement to foster a deep understanding of the sociological perspective, its theoretical foundations, and its methods. Service learning is central to a rigorous curriculum that presents students with the opportunity to apply classroom theories to unscripted problems in real-life settings. Bringing their experiences back to the classroom for reflection, discussion and debate, students make powerful connections between theory and practice. In this way, sociological understanding informs students' service, and service strengthens their understanding.

Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Sociology Major Requirements - Service Learning Content Track	
SOC 251	Principles of Sociology
or SOC 253	Honors Sociology
SOC 250SL	Community Engagement and Service Learning
SOC 400	Research Methods in Sociology
SOC 454	Social Theory: The Study of Isms and Phobias

SOC 491SL	Sociology and Service Learning Capstone I
Five Social Science Electives (at least 3 in Sociology)	
Select one of the following:	
SOC 399SL	Service Learning Leadership Internship Field Study
SOC 492SL	
SOC 499SL	Service Learning Leadership Practicum
Select two of the following:	
SOC 351SL	Social Problems Social Solutions Service Learning Option
SOC 352SL	Integrated Sociology and Service Learning: Gender, Illness and Health
SOC 354SL	Globalization and Childhood
SOC 360SL	Sociology of Sport - Service Learning Option
SOC 370SL	Crime and Justice Service Learning Option
SOC 452SL	Sociology of Work Service Learning Option
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distributions – Modes of Thought Two [1]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought (Include one Lab Science) (One science course must be taken at the 300 or 400 level)	
Business Minor Requirements	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

[1] Modes of Thought requirements can be met by appropriate courses in the major.

A minimum 122 credit hours required for graduation

Sociology Concentration

Sociology Concentration Requirements

Required courses	
SOC 250SL	Community Engagement and Service Learning
SOC 251	Principles of Sociology
or SOC 253	Honors Sociology
SOC 400	Research Methods in Sociology
SOC 454	Social Theory: The Study of Isms and Phobias
Two additional courses, at least one at the 400 level	

Sociology Minor

Sociology Minor Requirements

SOC 251	Principles of Sociology
or SOC 253	Honors Sociology
Two sociology courses	
One - 400 level sociology course	

Sociology and Service Learning Minor

Sociology and Service Learning Minor Requirements

SOC 250SL	Community Engagement and Service Learning
SOC 251	Principles of Sociology
or SOC 253	Honors Sociology
At least one additional sociology course that has a Service Learning (SL) designation	
One - 400-level sociology course	

Department of Mathematics

- **Bachelor of Science with a Major in Actuarial Mathematics**
- **Bachelor of Science with a Major in Applied Mathematics and Statistics**
- **Actuarial Mathematics Concentration**
- **Applied Statistics Concentration and Minor**
- **Mathematics Minor**
- **SAS Data Mining Certificate Program**

Department of Mathematics – Mission Statement

The Mathematics Department, through academic excellence, provides the theoretical foundation for critical thinking in quantitative problem solving and reasoning. We help students to develop their ability to effectively communicate mathematics. The Department prepares students for success in a career in actuarial mathematics, applied mathematics, applied statistics, or a profession of their choice.

Actuarial Mathematics – Mission Statement

The Bryant Actuarial Mathematics program is designed to prepare students for success in the actuarial field. Our student-centered curriculum promotes academic excellence with a rigorous course of study that emphasizes critical thinking, problem solving, statistical analysis skills, and strong business acumen.

Major in Actuarial Mathematics Objectives

Students who complete the Actuarial Mathematics major will:

- Demonstrate competence in the fundamental probability tools for assessing risk quantitatively.
- Demonstrate a basic understanding of the theory of interest, pension and insurance systems.

- Demonstrate competence in relevant statistical software.
- Demonstrate effective consulting skills (problem solving, oral and written presentations).

This Actuarial Mathematics major provides a foundation of analytical and communication skills that enables graduates to seek a career as an actuary or in actuarial related fields such as insurance, pensions, banking, and other financial service organizations. The combination of a strong mathematical foundation and a strong business and liberal arts background provides students with the necessary skills to succeed in these fields. Courses include advanced topics such as Interest Theory, Actuarial Mathematics, Advanced Probability and Statistics, and Pension Fundamentals.

Actuarial Mathematics Learning Goals

The Actuarial Mathematics program prepares students for success in the actuarial field by promoting the following learning goals:

- Coursework that prepares students for at least four exams given by the Society of Actuaries with an expectation that a student will successfully complete two exams by graduation.
- Coursework that requires a minor in a business discipline that develops leadership, communication, and teamwork skills, enabling the student to secure one or more actuarial internships prior to graduation.
- Coursework that emphasizes statistical skills and allows the student to complete the SAS Certification program.
- Coursework that emphasizes strong computer skills for business applications.

Applied Mathematics and Statistics - Mission Statement:

The Bryant Applied Mathematics and Statistics program is designed to prepare students for success in an analytics position, particularly a position in the fields of applied statistics or applied analysis. Our student-centered curriculum promotes academic excellence with a rigorous course study that emphasizes critical thinking, problem solving, statistical analysis skills, knowledge of computer statistical software packages, and strong business acumen.

Major in Applied Mathematics and Statistics Objectives

Students who complete the Applied Mathematics and Statistics program will:

- Demonstrate a mastery of multivariate statistics and data mining.
- Demonstrate competence in relevant statistical software.
- Demonstrate effective statistical consulting skills (problem solving, oral and written presentations).

The Bachelor of Science in Applied Mathematics and Statistics requires 10 courses of in-depth study in the field of mathematics, to complement the business and liberal arts core courses. The program provides students with the reasoning and problem-solving skills necessary to be successful in an array of industries. Mathematics and statistics are part of daily life, but they are also the foundation for a wide range of careers. Whether you want to analyze marketing data, set up the experimental design for clinical trials of a new drug, or work in government, the Bachelor of Science in Applied Mathematics and Statistics provides students a range of skills and broad knowledge required to solve real-world problems through the application of mathematical principles.

Applied Mathematics and Statistics Learning Goals

The Applied Mathematics and Statistics program prepares students for success in an analytics position, particularly a position in the fields of applied statistics or applied analytics by promoting the following learning goals:

- Coursework that prepares students with a strong foundation in theoretical calculus and statistics
- Coursework that allows the students a wide range of applied mathematical courses along with applied statistical courses
- Coursework that allows the student to study advanced statistical topics and complete the SAS Certification program
- Coursework that emphasizes strong computer skills for business applications.

Students who major in Applied Mathematics and Statistics may also earn SAS certification in data mining. Four courses are required for the certification:

MATH 455	SAS Programming and Applied Statistics
MATH 460	Applied Data Mining
MATH 461	Applied Multivariate Statistics
MATH 475	Applied Analytics Using SAS
or MATH 470	Statistical Design and Analysis of Experiments

Actuarial Concentration

Students, who may want to pursue a career as an actuary while keeping their options open by choosing a major in a different subject, can obtain a concentration in Actuarial Mathematics. The concentration is based on a strong calculus foundation and requires the completion of a two semester course sequence in preparation for at least one preliminary actuarial exam. In addition students are required to choose two actuarial electives, which can include courses that prepare them for a second preliminary actuarial exam. This is an 18 credit concentration only. Students must have a primary concentration in the College of Business or a major in the College of Arts and Sciences.

Applied Statistics Concentration

With an additional six credits (two courses) an Applied Statistics minor can achieve a concentration. This option requires many of the same courses as our Actuarial Mathematics major for the first two years. The concentration can be taken with either a strong calculus foundation as in the major or in a more applied mode for students who choose not to follow the calculus and calculus-based statistics courses. There are several applied statistics courses for such students. This is an 18 credit concentration only. Students must have a primary concentration in the College of Business or a major in the College of Arts and Sciences.

SAS Data Mining Certificate Program

By satisfactorily completing four SAS based statistics courses, SAS and Bryant will jointly award a certificate in data mining. These courses can satisfy requirements in our Applied Mathematics and Statistics major, our Applied Statistics concentration, and our Applied Statistics minor. For our Applied Statistics minors, only one additional course beyond the minor is necessary to complete the SAS certification requirements. In order to receive certification, a student must achieve at least a B average in all of these courses with no grade lower than a C in any one course.

Applied Statistics Minor

Many disciplines are dependent on the information provided by statistics. Through this course of study, students can deepen and extend their knowledge and skills in statistics and enhance their ability to solve more complex quantitative problems.

Mathematics Minor

Employers often seek graduates with mathematical and analytical skills. Students who desire a more in-depth understanding of mathematics may select this minor. All of the courses in this minor focus on problem solving. Many of the courses emphasize the use of technology and include various computer software programs that may not be covered in other courses.

Faculty

Department Chair:
Dr. Kristin T. Kennedy

Professor
James Bishop

Professor
Kristin T. Kennedy

Professor
Robert Muksian

Professor
Alan D. Olinsky

Professor
Chester Piascik

Professor
John T. Quinn

Professor
Phyllis Schumacher

Professor
Richard M. Smith

Assistant Professor
Son Nguyen

Senior Lecturer
Nanci Beausoleil

Lecturer
Joseph A. Capalbo

Lecturer
Louise M. Hasenfus

Lecturer
Craig Krebsbach

Lecturer
Karen A. Pitts

Lecturer
Michael E. Salzillo

Lecturer
William H. Zywiak

Majors

- Bachelor of Science with an Actuarial Mathematics Major (p. 43)
- Bachelor of Science with an Applied Mathematics and Statistics Major (p. 44)

Concentration

- Actuarial Mathematics Concentration (p. 42)
- Applied Statistics Concentration (p. 43)

Minors

- Applied Statistics Minor (p. 43)
- Mathematics Minor (p. 45)

Actuarial Mathematics Concentration

Actuarial Mathematics Concentration

Actuarial Mathematics Concentration Requirements	
MATH 121	Calculus and Analytic Geometry I (*)
MATH 122	Calculus and Analytic Geometry II (*)
MATH 223	Calculus and Analytic Geometry III
*If a student took MATH 121 and MATH 122 as his/her Liberal Arts Core, the student would need to choose two more from the elective list.	
And choose either:	
AM 230	Actuarial Statistics I
AM 231	Actuarial Statistics II
OR	
AM 340	Mathematical Interest Theory I
AM 342	Mathematical Interest Theory II
And choose one from the following courses:	
AM 230	Actuarial Statistics I
AM 231	Actuarial Statistics II
AM 332	Actuarial Statistics III
AM 333	Advanced Probability
AM 340	Mathematical Interest Theory I
AM 341	Mathematics of Finance, Insurance, and Pensions
AM 342	Mathematical Interest Theory II
AM 421	Life Contingencies I
AM 440	Actuarial Mathematical Models and Stochastic Calculus
AM 451	Pension Fundamentals
AM 471	Fundamentals of Property and Casualty Reserving
MATH 226	Linear Algebra
MATH 354	Software Application for Mathematics

Applied Statistics Concentration

Applied Statistics Concentration Requirements

Required Courses	
AM 332	Actuarial Statistics III
or MATH 350	Statistics II
MATH 461	Applied Multivariate Statistics
Electives	
Select four of the following:	
AM 333	Advanced Probability
ECO 315	Econometrics
MATH 354	Software Application for Mathematics
MATH 455	SAS Programming and Applied Statistics
MATH 456	Statistical and Mathematical Decision Making
MATH 460	Applied Data Mining
MATH 470	Statistical Design and Analysis of Experiments
MATH 475	Applied Analytics Using SAS
MATH 488	Sports Statistics

Only AM 332 (Actuarial Statistics III) or MATH 350 (Statistics II) may double count towards the Applied Statistics concentration and another program requirement. Students who concentrate in Applied Statistics may also earn SAS certification in data mining. Four courses are required for the certification: MATH 455, MATH 460, MATH 461 and one of the following: MATH 475 or MATH 470.

Applied Statistics Minor

Applied Statistics Minor Requirements

Required Courses	
AM 332	Actuarial Statistics III
or MATH 350	Statistics II
MATH 461	Applied Multivariate Statistics
Select two of the following:	
AM 230	Actuarial Statistics I
AM 231	Actuarial Statistics II
ECO 315	Econometrics
MATH 354	Software Application for Mathematics
MATH 455	SAS Programming and Applied Statistics
MATH 456	Statistical and Mathematical Decision Making
MATH 460	Applied Data Mining
MATH 470	Statistical Design and Analysis of Experiments
MATH 475	Applied Analytics Using SAS
MATH 488	Sports Statistics

The Applied Statistics minor is not open to Actuarial Mathematics majors.

Bachelor of Science with an Actuarial Mathematics Major

Actuarial Mathematics Learning Goals

The Actuarial Mathematics program prepares students for success in the actuarial field by promoting the following learning goals:

- Coursework that prepares students for at least 4 exams given by the Society of Actuaries with an expectation that a student will successfully complete 2 exams by graduation.
- Coursework that requires a minor in a business discipline that develops leadership, communication, and teamwork skills, enabling the student to secure one or more actuarial internships prior to graduation.
- Coursework that emphasizes statistical skills and allows the student to complete the SAS Certification program.
- Coursework that emphasizes strong computer skills for business applications.

Bachelor of Science with an Actuarial Mathematics Major Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Actuarial Mathematics Major Requirements	
AM 230	Actuarial Statistics I
AM 231	Actuarial Statistics II
AM 332	Actuarial Statistics III
AM 340	Mathematical Interest Theory I
AM 342	Mathematical Interest Theory II
AM 421	Life Contingencies I
MATH 226	Linear Algebra
MATH 354	Software Application for Mathematics
One Exam Seminar from the following: [1]	
AM 393	Exam P Seminar
AM 394	Exam FM Seminar
AM 492	Advanced Actuarial Mathematics Seminar Exam MLC
AM 493	Advanced Actuarial Mathematics Seminar Exam C
AM 494	Advanced Actuarial Mathematics Seminar: Exam MFE
Choose 3 Advanced Topics in Actuarial Mathematics from the following:	
AM 333	Advanced Probability
AM 422	Life Contingencies II
AM 440	Actuarial Mathematical Models and Stochastic Calculus
AM 451	Pension Fundamentals
AM 471	Fundamentals of Property and Casualty Reserving
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles

ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 121	Calculus and Analytic Geometry I
MATH 122	Calculus and Analytic Geometry II
MATH 223	Calculus and Analytic Geometry III
Two Humanities Survey Courses	
Liberal Arts Distributions - Modes of Thought [3]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [4]	
Business Minor Requirement	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

1. Some students may receive waiver credit for this course with the approval of the department chair.
2. Modes of Thought requirements can be met by appropriate courses in the major.
3. Include one Lab Science. One science course must be taken at the 300 or 400 level.

A minimum of 124 credit hours required for graduation.

Bachelor of Science with an Applied Mathematics and Statistics Major

Bachelor of Science with an Applied Mathematics and Statistics Major Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Appllied Mathematics and Statistics Major Requirements	
AM 230	Actuarial Statistics I
AM 231	Actuarial Statistics II
MATH 490	Applied Mathematics and Statistics Capstone Seminar
Select seven of the following: [1]	
AM 332	Actuarial Statistics III
or MATH 350	Statistics II
AM 333	Advanced Probability
AM 340	Mathematical Interest Theory I
AM 341	Mathematics of Finance, Insurance, and Pensions
AM 342	Mathematical Interest Theory II
ECO 315	Econometrics
MATH 226	Linear Algebra
MATH 228	Discrete Structures
MATH 354	Software Application for Mathematics
MATH 391	Applied Mathematics and Statistics Internship
MATH 409	Elementary Number Theory
MATH 435	Geometry
MATH 455	SAS Programming and Applied Statistics
MATH 456	Statistical and Mathematical Decision Making
MATH 460	Applied Data Mining
MATH 461	Applied Multivariate Statistics
MATH 470	Statistical Design and Analysis of Experiments
MATH 475	Applied Analytics Using SAS
MATH 488	Sports Statistics
MATH 497	Directed Study in Mathematics
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 121	Calculus and Analytic Geometry I
MATH 122	Calculus and Analytic Geometry II
MATH 223	Calculus and Analytic Geometry III
Two Humanities Survey Courses	
Liberal Arts Distributions - Modes of Thought	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [2]	
Business Minor Requirement	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

1. Students who choose MATH 455, MATH 460, MATH 461, and either MATH 475 or MATH 470 may earn SAS® certification in data mining. To earn certification, a student must achieve at least a 'B' average in all of these courses with no grade lower than a 'C' in any one course.
2. Include one Lab Science. One science course must be taken at the 300 or 400 level.

A minimum 122 credit hours required for graduation

Mathematics Minor

Mathematics Minor Requirements

Students in the Mathematics minor will select four (4) courses above the core requirement from the following list (at least one course must be at 300 or 400 level):

AM 230	Actuarial Statistics I
AM 231	Actuarial Statistics II
AM 332	Actuarial Statistics III
MATH 121	Calculus and Analytic Geometry I
MATH 122	Calculus and Analytic Geometry II
MATH 129	Mathematics of Finance
MATH 223	Calculus and Analytic Geometry III
MATH 226	Linear Algebra
MATH 228	Discrete Structures
MATH 350	Statistics II
MATH 354	Software Application for Mathematics
MATH 409	Elementary Number Theory
MATH 435	Geometry
MATH 456	Statistical and Mathematical Decision Making
MATH 497	Directed Study in Mathematics

Note: No more than two calculus courses may be counted toward the four courses. The core requirement is either MATH 110 and MATH 201; or MATH 121 and MATH 122. If a student starts with MATH 110 and MATH 201 they may count MATH 121 and MATH 122 toward the minor. A student who takes MATH 110 or MATH 110 HN may not take MATH 129. A student may not take both MATH 350 and AM 332.

The Mathematics minor is not open to Actuarial Mathematics majors.

Department of Modern Languages

The Department of Modern Languages includes programs in Chinese (p. 45), French (p. 47), Italian (p. 48), and Spanish (p. 48).
Classes are conducted in the target language. Courses integrate culture, history, literature, and other creative productions into the learning experience, as well as introduce students to business discourse. Language study teaches students to think critically and analytically, and it introduces them to the ways in which other cultures construct thought and make meaning. To enhance study of the language, students are encouraged to take advantage of the numerous study abroad experiences available to them.

Chinese and Spanish offer majors. The majors require 10 courses (30 credits), out of which two may be at the 200 level and eight must be at the 300 and 400 levels. Chinese, French, and Spanish offer concentrations. The concentrations require six courses (18 credits), out of which one may be at the 200 level and five must be at the 300 and 400 levels. Chinese, French, Italian, and Spanish have complete minors, which includes at least three courses at the advanced level. Students must complete introductory and intermediate study in these languages or test out of these levels before taking the advanced courses. All introductory and intermediate courses include a live lab credit, which incorporates intensive conversation of the language with a native or near native speaker and provides students with supplemental instruction and teacher--and student--guided instructional materials.

Language study is necessary for employment in a range of fields and offers many opportunities for students in graduate study. A background in languages is fundamental to employment in International Business, thus the BSIB requires a full minor in a language for completion of the degree. Language is similarly important to work in the social and technical sciences, as well as the arts and humanities. Proficiency in a language is required by most graduate programs; therefore, undergraduate language study prepares students for work in a wide range of humanities and liberal-arts based graduate programs.

Programs include:

- Chinese (p. 45)
- French (p. 47)
- Italian (p. 48)
- Spanish (p. 48)

Faculty

Department Chair
Dr. Tony Houston

Professor
Yun Xiao

Associate Professor
Tony Houston

Lecturer
Patricia Gomez

Lecturer
Elisabetta Misuraca

Lecturer
Heather Moon

Lecturer
Alexandra Place

Lecturer
Zenan Zhao

Chinese

Chinese Major

The Chinese major aims to provide students with the opportunity to develop advanced Chinese language proficiency and full understanding of the Chinese culture as they study a wide range of authentic texts and practice through meaningful communication and interaction. The Chinese major requires 10 courses (30 credits), out of which two may be at the 200 level and eight must be at the 300 and 400 levels.

Chinese Concentration

The Chinese concentration aims to promote meaningful and proficient Chinese language skills and understanding of the Chinese people and Chinese culture, as foreign language proficiency has become indispensable in today's economic and political interdependence of nations. The Chinese concentration requires six courses (18 credits), out of which one may be at the 200 level and five at the 300 and 400 levels. Three of the six courses (9 credits) must be earned at Bryant. This is an 18 credit concentration only. Students must have a primary

concentration in the College of Business or a major in the College of Arts and Sciences.

Chinese Minor

The Chinese Minor is designed to provide students with an advanced level of language proficiency in Standard Mandarin and a solid foundation for the development of cultural understanding and communicative competence across a broad array of social contexts and settings in China.

In addition to providing students with the necessary tools to become effective and creative communicators, the Chinese Minor also prepares students to live, study, and work in China and to take advantage of the steadily growing international market for professionals in all fields who have a background in Chinese language and culture.

Chinese Advanced Level Course Offerings

ML CH305	Reading and Writing I
ML CH306	Conversation and Listening Comprehension
ML CH391	Chinese Internship
ML CH397/ CH497	Directed Study in Chinese
ML CH401	Chinese Reading and Writing II
ML CH404	Chinese for Business
ML CH405	Chinese for Business II
ML CH406	Chinese for Media
ML CH407	Introduction to Chinese Linguistics
ML CH451	Advanced Chinese Through Contemporary Chinese Cinema
ML CH461	Advanced Reading on Chinese Literature and Culture
ML CH471	Modern Chinese Literature and Culture

Major

- Bachelor of Arts with a Major in Chinese (p. 46)

Concentration

- Chinese Concentration (p. 46)

Minor

- Chinese Minor (p. 47)

Bachelor of Arts with a Major in Chinese

Chinese Major Objectives

- Demonstrate advanced Chinese language proficiency in listening, speaking, reading, and writing.
- Develop effective communication skills in both oral and written Chinese language.
- Cultivate full understanding of the Chinese people, culture, and China-related issues.
- Be able to work and study in contexts that require knowledge and practice of Chinese language and culture.

Bachelor of Arts with a Major in Chinese Curriculum Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Chinese Major Requirements [1]	
ML CH305	Reading and Writing I
ML CH306	Conversation and Listening Comprehension
ML CH404	Chinese for Business
or ML CH406	Chinese for Media
400-level Chinese language course	
Six additional courses [2]	
Liberal Arts Core Requirements	
LCS 121	Introduction to Literary Studies
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distribution - Modes of Thought [3]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [4]	
Business Minor Requirement	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

1. Fifteen credits must be earned at Bryant
2. Two may be at the 200 level; the rest must be at the 300 or 400 levels.
3. Modes of Thought requirements can be met by appropriate courses in the major.
4. Include one Lab Science. One science course must be taken at the 300 or 400 level.

A minimum 122 credit hours required for graduation

Chinese Concentration

Chinese Concentration Objectives

- Develop meaningful and proficient communication skills in oral and written Chinese.

- Cultivate the appreciation and understanding of the Chinese people and Chinese culture.
- Prepare students to travel, work and study in contexts that require knowledge and practice of Chinese language and culture.

Chinese Concentration Requirements [1]

ML CH305	Reading and Writing I
ML CH306	Conversation and Listening Comprehension
400 level advanced Chinese course (ML CH404 or ML CH405 is required for IB majors)	
Three additional courses [2]	

1. Nine credits must be earned at Bryant
2. One may be at the 200 level and at least two must be at the 300 and 400 levels.

Chinese Minor

Chinese Minor Objectives

- Develop strong communication skills in listening, speaking, reading and writing.
- Develop an understanding of important cultural and social themes and concepts in Chinese-speaking communities.
- Prepare students for travel and advanced study in China.
- Prepare students to work in international business contexts requiring knowledge of Chinese language and culture.

Chinese Minor Requirements [1]

ML CH305	Reading and Writing I
400 level advanced Chinese course (ML CH404 or ML CH405 is required for IB majors)	
Two additional Chinese courses [2]	

1. Six credits must be earned at Bryant.
2. One may be at the 200 level and at least one must be at the 300 or 400 level.

French

French Concentration

The French concentration is designed to promote proficiency in French and a strong understanding of Francophone cultures. As the knowledge of at least one foreign language has become indispensable in today's economic and political interdependence of Francophone nations, the concentration will promote the development of trans-cultural competence. The French concentration requires six courses (18 credits), out of which one may be at the 200 level and at least five must be at the 300 and 400 levels. Three courses (9 credits) must be earned at Bryant

French Minor

The French Minor is designed to provide students with an advanced level of language proficiency and an understanding of the culture of France and the French speaking countries where it has produced rich national literatures and diverse cultures (in Europe, Africa, Asia, Canada and the Caribbean).

French is now spoken as a first or second language by over 250 million people and is one of the official languages of the UN. It is the language of government, law, management, and business in many regions of the international community.

The French Minor will improve cross-cultural understanding and international awareness since the knowledge of at least one foreign language has become indispensable in today's economic and political interdependence of nations.

French Advanced Level Course Offerings

ML FR307	Conversation and Composition
ML FR308	Survey of French Literature
ML FR391	French Internship
ML FR397/ FR497	Directed Study in French
ML FR403	Francophone Cultures
ML FR404	French for Business
ML FR407	French Theatre and Culture
ML FR408	French Literature and Cinematic Adaptation

Concentration

- French Concentration (p. 47)

Minor

- French Minor (p. 48)

French Concentration

French Concentration Objectives

- Provide authentic contexts for further development of communicative competence with improved accuracy in French.
- Foster developing appreciation for shared human experience across diverse cultures.
- Integrate knowledge from other curricular areas to connect foreign language study with other disciplines.
- Promote a developing understanding of the nature of language and culture.
- Encourage participation in multilingual communities for life-long learning.

French Concentration Requirements [1]

ML FR305	Reading and Writing
ML FR307	Conversation and Composition
400 level advanced French course (ML FR404 is required for IB majors)	
Three additional courses [2]	

1. Nine credits must be earned at Bryant
2. One may be at the 200 level and at least two must be at the 300 and 400 levels.

French Minor

French Minor Objectives

- Develop strong communication skills in listening, speaking, reading and writing.
- Promote and encourage the appreciation of the literatures and cultures of the French speaking countries.
- Prepare students for travel and study abroad.
- Prepare students to pursue careers in international business and government, in professions involving French.

French Minor Requirements [1]

ML FR305	Reading and Writing
400 level French course (ML FR404 is required for IB majors)	
Two additional French courses [2]	

1. Six credits must be earned at Bryant
2. One may be at the 200 level and at least two must be at the 300 and 400 levels.

Italian

Italian Minor

Italian is spoken by approximately 63 million people and is one of four official languages of Switzerland. Italian is the fifth most taught non-native language worldwide, after English, French, Spanish, and German. There are an estimated 110 million to 120 million speakers of Italian as a second or cultural language.

The Italian minor is designed to provide students with an advanced level of language proficiency and a strong understanding of the Italian culture. Besides equipping students with the necessary tools to become effective and creative communicators, the Italian minor also prepares students to develop the global perspective and to live, study and work in Italy and the international community.

Italian Advanced Level Course Offerings

ML IT307	Conversation and Composition
ML IT308	Italian Literature
ML IT391	Italian Internship
ML IT397/ IT497	Directed Study in Italian
ML IT403	Italian Language and Culture
ML IT404	Italian for Business

Minor

- Italian Minor (p. 48)

Italian Minor

Italian Minor Objectives

- Develop strong communications skills in listening, speaking, reading and writing.
- Develop an understanding of important cultural and social themes and concepts in Italian-speaking communities.
- Prepare students for travel and study abroad in Italian.
- Prepare students to work in international business contexts requiring knowledge of Italian language and culture.

Italian Minor Requirements [1]

ML IT305	Reading and Writing
400 level Italian course (ML IT404 is required for IB majors)	
Two additional Italian courses [2]	

1. Six credits must be earned at Bryant
2. One may be at the 200 level and at least two must be at the 300 and 400 levels.

Spanish

Spanish Major

The Spanish major is designed to promote the development of advanced proficiency in Spanish and a deepening understanding of Hispanic cultures. As the knowledge of at least one foreign language has become indispensable in today's economic and political interdependence of nations, the Spanish major will advance the development of intercultural competence. The Spanish major requires:

- 10 courses (30 credits), out of which two may be at the 200 level and at least eight must be at the 300 and 400 levels. At least two of the advanced level courses must be at the 400 level.
- At least five courses (15 credits) must be taken at Bryant.

Spanish Concentration

The Spanish concentration is designed to promote proficiency in Spanish and a strong understanding of Hispanic cultures. As the knowledge of at least one foreign language has become indispensable in today's economic and political interdependence of nations, the Spanish concentration will promote the development of intercultural competence. The Spanish concentration requires six courses, out of which one may be at the 200 level and at least five must be at the 300 and 400 levels. Three courses must be earned at Bryant. This is an 18 credit concentration only. Students must have a primary concentration in the College of Business or a major in the College of Arts and Sciences.

Spanish Minor

The Spanish Minor is designed to provide students with an advanced level of language proficiency and a strong understanding of the cultures of Spanish speaking societies. Besides equipping students with the necessary tools to become excellent communicators and rigorous thinkers, the minor also equips students to live and work within an increasingly international context. Given the numerous hemispheric trade agreements, the significant presence of Latina/os in the U.S., the considerable number of Spanish speaking transnational immigrants and the importance of Spain in the European Union, minoring in Spanish also grants the student an advantageous position in the job market.

Spanish Advanced Level Course Offerings

ML SP307	Conversation and Composition
ML SP308	Survey of Literature in Spanish
ML SP309	Spanish and Latin American Film
ML SP310	Spanish Speaking Cultures
ML SP391	Spanish Internship

ML SP397/ SP497	Directed Study in Spanish
ML SP403	Cultures of Spanish Speaking Societies
ML SP404	Spanish for Business
ML SP405	Advanced Spanish Grammar
ML SP406	Spanish Phonetics and Phonology
ML SP407	Contemporary Female Writers and Filmmakers of the Spanish-Speaking World

Major

- Bachelor of Arts with a Major in Spanish (p. 49)

Concentration

- Spanish Concentration (p. 49)

Minor

- Spanish Minor (p. 49)

Bachelor of Arts with a Major in Spanish

Spanish Major Objectives

- Provide authentic contexts for the expansion of communicative competence in Spanish with improved accuracy and fluency.
- Foster an expanding appreciation for shared human experience across diverse cultures.
- Integrate knowledge from other curricular areas to connect foreign language study with other disciplines.
- Promote an expanding understanding of the nature of language and culture.
- Encourage participation in multilingual communities for life-long learning.

Bachelor of Arts with a Major in Spanish Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Spanish Major Requirements [1]	
ML SP304	Essential Spanish for Business
or ML SP305	Reading and Writing
or ML SP306	Spanish for Heritage Speakers
ML SP307	Conversation and Composition
ML SP308	Survey of Literature in Spanish
Two 400-level Spanish language courses	
Five additional Spanish courses [2]	
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distributions – Modes of Thought [3]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [4]	
Business Minor Requirement	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

1. Fifteen credits must be earned at Bryant
2. Two may be at the 200 level; the rest must be at the 300 and 400 levels.
3. Modes of Thought requirements can be met by appropriate courses in the major.
4. Include one Lab Science. One science course must be taken at the 300 or 400 level.

A minimum 122 credit hours required for graduation

Spanish Concentration

Spanish Concentration Objectives

- Develop proficiency in spoken and written Spanish.
- Cultivate and encourage the appreciation of media and culture of Hispanic countries.
- Prepare students to use Spanish in travel and study abroad.
- Prepare students to work in international contexts requiring knowledge of Spanish.

Spanish Concentration Requirements [1]

ML SP304	Essential Spanish for Business
or ML SP305	Reading and Writing
or ML SP306	Spanish for Heritage Speakers
ML SP307	Conversation and Composition
400 level Spanish course (ML SP404 is required for IB majors)	
Three additional courses [2]	

1. Nine credits must be earned at Bryant
2. One may be at the 200 level and at least two must be at the 300 and 400 levels.

Spanish Minor

Spanish Minor Objectives

- Develop strong communication skills in listening, speaking, writing, and reading.

- Develop an understanding of Spanish-speaking cultures within the United States and the global community.
- Encourage an interest in study abroad and work with diverse and international communities.

Spanish Minor Requirements [1]

ML SP304	Essential Spanish for Business
or ML SP305	Reading and Writing
or ML SP306	Spanish for Heritage Speakers
400 level Spanish course (ML SP404 is required for IB majors)	
Two Spanish courses [2]	

[1] Six credits must be earned at Bryant

[2] Only one may be at the 200 level and the other at the 300 or 400 level.

Department of Science and Technology

- **Biology Major, Concentration, and Minor**
- **Biochemistry Concentration**
- **Biotechnology Minor**
- **Chemistry Minor**
- **Environmental Science Major, Concentration, and Minor**
- **Forensic Science Concentration**

The Science and Technology Department is committed to academic excellence in science education. Our science programs with dedicated faculty and quality facilities will prepare students for careers in science-related fields and graduate studies. The department emphasizes basic and applied research, technological applications, and international experiences because the objective of challenging educational programs should not be merely accumulating knowledge,but also developing commitment and taking action. A hands-on approach provides students with a meaningful and purposeful education, giving them a competitive edge for career and graduate school opportunities.

Biology Major

Biology, the study of life, is the most all-encompassing of the sciences. Understanding basic life processes requires working in many areas in an integrated way. Students who major in Biology engage in a curriculum that explores the breadth of the biological sciences. They develop hands-on laboratory skills, and have the opportunity to participate in laboratory and field research projects, under the direction of a faculty mentor. The biology program provides a solid foundation in basic scientific knowledge. Every student will take a common set of core classes providing this initial set of core competencies that will be built upon and reinforced as you progress through intermediate level courses. Once the core is complete, students can enter into one of the five advisory tracks to complete the remaining credits required for the major that are designed to assist in course selection based on individual career goals and needs. These tracks are general biology, cellular and molecular biology, pre-health, ecology and conservation and research intensive. With our multiple track program, Biology majors are prepared for a wide array of opportunities including careers in the health sciences, biomedical research, physical therapy, biotechnology, pharmaceutical science, environmental biology, food science, and industrial research.

The Pre-Medical and Pre-Health Professional Advisor provides guidance and resource materials for all students interested in medical school, physician assistant programs, dental school, nursing, veterinary or other biomedical professional programs. Those students will follow the pre-health advisory track and will get assistance with the application process from the pre-health advisor.

Biology majors engage in a challenging and rewarding program that is tailored to fit individual student needs by customizing upper level course selection. Biology majors at Bryant gain a strong foundation in the science of biology and develop the abilities required to engage in thoughtful consideration of complex biological issues from multiple perspectives.

Students in the Biology major will:

- Demonstrate understanding of the processes of science, the scientific method, and the relationship between scientific research and established knowledge.
- Express biological scientific literacy in oral and written communication.
- Demonstrate content knowledge in biology.
- Demonstrate fundamental lab skills.
- Evaluate biological data, draw reasonable conclusions, recognize the ethical implications of these conclusions, and apply these conclusions to personal, community, and scientific problems.

Course Requirements and Advisory Tracks: In order to graduate with a major in Biology a total of 36 credits in science courses are required (39 credits for the Pre-Health track). All biology students take the core which consists of 19 credits. The remaining 17 credits required are taken at the 300 and 400-level (a minimum of one of these courses must be at the 400-level). These advisory tracks at the upper level are meant to package courses and are not strict requirements of the biology degree.

Biology Concentration

Biology is the study of living organisms and life processes. The study of biology is essential for understanding the world around us, for the protection of threatened life forms throughout the ecosphere, and for understanding human health and disease. The study of biology provides a foundation for careers in the biological, biomedical, agricultural and ecological sciences.

Biology Minor

Biology is the study of life forms, including their structure (anatomy), the dynamic processes (physiology), their communities (ecology), their chemical structure (biochemistry and molecular biology), the organization and history of the tree of life (taxonomy and evolution), their reproduction (genetics), and their interactions (behavior). The study of biology is essential for understanding the living world, for the protection of threatened life forms throughout the ecosphere, and for management and control of pathogens and parasites. The study of biology provides a foundation for careers in the biological, biomedical, agricultural and ecological sciences.

Biochemistry Concentration

Biochemistry is the study of the structure, composition, and chemical reactions of substances in living systems. It focuses on the scientific study of the chemistry of living systems, their fundamental chemical substances and reactions, and their chemical pathways and information transfer systems, with particular reference to carbohydrates, proteins, lipids, and nucleic acids. Students interested in the field study such topics as how living things obtain energy from food, the chemical basis of

heredity, what fundamental changes occur in disease, and the production of pharmaceutical products.

Biotechnology Minor

Biotechnology is the commercial application of living organisms that involves the deliberate manipulation of DNA. Biotechnology broadly impacts markets in human health, agriculture, and the forensic sciences.

In the required courses for the minor, students will learn basic chemistry, biology, and the technology of manipulating DNA through hands-on lab experiences. In the elective courses they will be exposed to applications of biotechnology and health research, and development of products and services in diverse markets, and begin to appreciate the profound legal, social, economic, and ethical implications of this technology for our society.

Chemistry Minor

The field of Chemistry is based on understanding the composition and basic properties of matter, the conversions of one form of matter to another form and leads to a greater comprehension of the chemical physics of matter. Knowledge of these fundamentals will allow students to understand such diverse topics as chemical biology, the synthesis of new forms of matter from pharmaceuticals to new materials, the chemical phenomena of the human and the chemical interactions that makes up the biosphere.

Environmental Science Major

The Environmental Science major focuses on the physical, chemical, and biological sciences, and incorporates coursework in social sciences, history, literature, and business administration, resulting in a well-rounded educational experience required by today's employers and graduate schools. We have designed a curriculum that will help students analyze carefully and think critically. Our goal is to develop professional skills in problem solving, quantitative analysis, modeling, field methods, team work, and communication, in addition to fostering a strong environmental ethic.

The curriculum also provides the opportunity for students to pursue specialty areas of interest in environmental science by coordinating courses in four advisory tracks: Ecosystems and Biodiversity, Environmental Analysis and Assessment, Sustainability and Environmental Management, and Global Climate Change, or self-designing a custom program with a faculty advisor. The advisory tracks allow students to better prepare for a wide variety of career opportunities and will address the growing need for professional graduates trained in environmental science. Enrollment for this major is limited to 40 students who will benefit from dedicated faculty advising, an action-oriented curriculum, and being part of a research team.

Our environmental science program Student Learning Outcome (SLO) areas include, 1) basic scientific knowledge, 2) intellectual curiosity, 3) problem solving, 4) project management, 5) social responsibility, and 6) global awareness.

Students in the Environmental Science major will:

- Understand core principles of Environmental Science and related principles from underlying fields of Biology, Chemistry, Geology and Physics.
- Attain the ability to ask the right questions and think analytically and critically when confronted with an environmental problem.
- Be able to utilize learned problem solving methods to propose creative solutions, taking into account the complexity and uncertainties of the problem, and different points of view of multiple stakeholders.
- Demonstrate leadership and project management skills by designing and organizing key aspects of their research projects.
- Practice as socially responsible citizens by disseminating accurate scientific knowledge, and providing solutions to key environmental problems that have political, economic and/or social impacts on the community.
- Recognize the importance of Environmental Science issues in the context o the global community.

Environmental Science Concentration

Environmental Science is a broad field of study that provides the scientific underpinning to many issues facing society today, including access to and sustainability of resources, preservation of land and wildlife, new and sustainable technologies and global climate change. The Environmental Science concentration allows students to integrate courses in their particular interest areas in environmental science with courses in their major. In the Level I courses for the concentration, students learn the core principles of the discipline. In the elective courses in Level II and Level III, they choose from a diverse collection of in-depth courses according to their unique interests in environmental science and future career goals.

Environmental Science Minor

Students who complement their studies with an Environmental Science minor are prepared for positions in the wide open area of environmentally related fields. For instance, environmental science broadly impacts fields such as toxicology, sustainable development, resource and wildlife management, land use and reclamation, green manufacturing, analytical analysis, and others, where effective communication between scientists and business professionals is essential. The minor is also a good foundation for employment with manufacturers who must comply with changing environmental regulations. In the required courses, students will be exposed to important environmental issues that face today's society by participating in hands-on exercises and experimentation.

Forensic Science Concentration

This concentration is intended for undergraduate students interested in professional careers involving police and medical investigation of crime scenes and criminal acts, laboratory assessment of materials associated with such investigations, and preparation for advanced study in areas such as trauma assessment, forensic photography, ballistics, medical entomology, soil and chemical analysis, biochemistry, geographical information systems (GIS) and mapping, bio-imaging, DNA analysis, pharmaceutical science, or medical studies. Students who matriculate in this program will develop the ability to conduct basic or applied laboratory research and to gain skill sets and technical expertise that will enable graduates to move forward in a forensic science career. This concentration could be combined with either a Business concentration (serving to meet the requirement for an A&S minor), or with an Arts & Science major such as Communication, Economics or Applied Psychology.

Most of the work of forensic scientists is done in a laboratory, utilizing highly accurate instrumentation and working collaboratively with other highly trained specialists. Basic training in the sciences enables students to prepare for developing more advanced skill sets.

The Forensic Science concentration will enable Bryant students to explore the scope of professional careers, to examine the collage of narrow specialties that make up collaborative forensic teams, and to identify their own personal passion that will sustain them as they navigate through more advanced studies. It is also important to analyze common misconceptions about this challenging field of science, and to clarify the roles of various law enforcement, medical, and scientific experts.

Forensic techniques can also be used to track industrial responsibility for toxic releases, to assess engineering failures such as bridge or building collapse, and to assist countries following natural disasters, disease outbreaks, or wars.

Students in the Forensic Science Concentration will:

- Develop the ability to analyze complex problems and issues in the forensic sciences.
- Learn and practice laboratory research skills to conduct basic and applied scientific investigations.
- Gain skill sets and technical expertise that will qualify graduates to move forward in advanced training for careers in forensics.
- Explore the scope of professional forensic careers, including the narrow specialties that make up collaborative forensic teams.
- Analyze common misconceptions about forensics and clarify the roles of various law enforcement, medical and scientific experts.

Faculty

Department Chair
Dr. Brian Blais

Professor
Brian Blais

Professor
Gaytha Langlois

Professor
Qin Leng

Professor
Hong Yang

Associate Professor
Kirsten Hokeness

Associate Professor
Dan McNally

Associate Professor
Christopher Reid

Lecturer
Julia Crowley-Parmentier

Lecturer
Stephanie Mott

Lecturer
Angelyn Phillips

Lecturer
Dania E. Whitaker

Majors

- Bachelor of Science with a Biology Major (p. 54)
- Bachelor of Science with Environmental Science Major (p. 52)

Concentrations

- Biochemistry Concentration (p. 56)
- Biology Concentration (p. 56)
- Environmental Science Concentration (p. 57)
- Forensic Science Concentration (p. 58)

Minors

- Biology Minor (p. 56)
- Biotechnology Minor (p. 56)
- Chemistry Minor (p. 56)
- Environmental Science Minor (p. 57)

Bachelor of Science with Environmental Science Major

Bachelor of Science with an Environmental Science Major Curriculum

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Environmental Science Major Requirements	
Level 1 - Required Core Courses	
SCI 251 & SCI L251	Biology I Principles of Biology and Biology I Laboratory
SCI 262	Physical Geology
SCI 264	Physics I Introductory Physics
SCI 265 & SCI L265	Chemistry I Introductory Chemistry and Chemistry I Laboratory
SCI 268	Introduction to Environmental Science and Sustainability
Levels 2 and 3 Required Courses	
SCI 390	Research Methods in Science
SCI 490	Research Directed Study in Science
SCI 455	Environmental Policy: Decision Making and Problem Solving
Levels 2 and 3 - Track Recommended Courses	
Choose one of the following tracks. Optional - Self-design track with faculty advisor	
Ecosystems and Biodiversity Track	
Level 2 (choose 2 including 1 lab)	
SCI 351 & SCI L351	Ecology and Ecology Laboratory
SCI 363 & SCI L363	Genetics and Genetics Laboratory

SCI 364	Plant Biology
SCI 366	Coastal Environments
SCI 371 & SCI L371	Human Impact on Land and Life and Human Impact on Land and Life Laboratory
SCI 377 & SCI L377	Microbiology and Microbiology Laboratory
Level 3 (choose 1)	
SCI 450	Biological Imaging
SCI 454	Conservation in the U.S. and China
SCI 457	Environmental Toxicology and Risk Assessment
SCI 458	Global Change and Geochemical Impact
SCI 462	Plant Diversity in Ancient and Modern Environments
SCI 464	Biomarkers and isotope Signals
SCI 466	Global Health Challenges
Environmental Analysis and Assessment Track	
Level 2 (choose 2 including 1 lab)	
SCI 363 & SCI L363	Genetics and Genetics Laboratory
SCI 365 & SCI L365	Organic Chemistry I and Organic Chemistry I Laboratory
SCI 367	Biochemistry
SCI 372 & SCI L372	Sustaining Air and Water and Sustaining Air and Water Laboratory
SCI 377	Microbiology
Level 3 (choose 1)	
SCI 450	Biological Imaging
SCI 451	Instrumental Analysis for Environmental and Life Sciences
SCI 457	Environmental Toxicology and Risk Assessment
SCI 460	Systems Modeling
SCI ST400	Special Topics in Science Environmental Investigation and Remediation
Sustainability and Environmental Management Track	
Level 2 (choose 2 including 1 lab)	
SCI 355 & SCI L355	Energy Management Strategies and Energy Management Strategies Lab
SCI 366	Coastal Environments
SCI 371 & SCI L371	Human Impact on Land and Life and Human Impact on Land and Life Laboratory
SCI 376 & SCI L376	GIS for Environmental Decision Making and GIS for Environmental Decision Making Laboratory
Level 3 (choose 1)	
SCI 452	Innovation and Global Energy Challenges
SCI 454	Conservation in the U.S. and China
SCI 463	Issues in Environmental Science
SCI 465	Green Technology for Sustainability
SCI ST400	Special Topics in Science Environmental Investigation and Remediation
Global Climate Change Track	
Level 2 (choose 2 including 1 lab)	
SCI 351 & SCI L351	Ecology and Ecology Laboratory
SCI 355 & SCI L355	Energy Management Strategies and Energy Management Strategies Lab
SCI 364	Plant Biology
SCI 372 & SCI L372	Sustaining Air and Water and Sustaining Air and Water Laboratory
SCI 376 & SCI L376	GIS for Environmental Decision Making and GIS for Environmental Decision Making Laboratory
Level 3 (choose 1)	
SCI 452	Innovation and Global Energy Challenges
SCI 453	GIS Tools Coastal Planning and Climate Change
SCI 458	Global Change and Geochemical Impact
SCI 460	Systems Modeling
SCI 462	Plant Diversity in Ancient and Modern Environments
SCI 463	Issues in Environmental Science
SCI 464	Biomarkers and isotope Signals
SCI 465	Green Technology for Sustainability
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 121	Calculus and Analytic Geometry I
MATH 122	Calculus and Analytic Geometry II
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distributions - Modes of Thought [1]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [2]	
Business Minor Requirement	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

[1] Modes of Thought requirements can be met by appropriate courses in the major.

[2] Include One Lab Science. One science course must be taken at the 300 or 400 level.

A minimum 122 credit hours required for graduation

Bachelor of Science with a Biology Major

Bachelor of Science with a Biology Major Curriculum Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Biology Degree Core Requirements	
SCI 251 & SCI L251	Biology I Principles of Biology and Biology I Laboratory
SCI 253 & SCI L253	Biology II Organismal Biology and Biology II Laboratory
SCI 265 & SCI L265	Chemistry I Introductory Chemistry and Chemistry I Laboratory
SCI 267 & SCI L267	Chemistry II Chemical Systems and Chemistry II Laboratory
SCI 264	Physics I Introductory Physics
Level II and III:	
Choose one of the following tracks: Optional - Self design track with faculty advisor.	
Track 1: General Biology	
SCI 365 & SCI L365	Organic Chemistry I and Organic Chemistry I Laboratory
Choose 4 of the following courses plus one lab, at least one course must be at the 400-level	
SCI 351 & SCI L351	Ecology and Ecology Laboratory
SCI 354	Nutrition
SCI 356	Introduction to Biotechnology
SCI 360 & SCI L360	Anatomy and Physiology I and Anatomy and Physiology Laboratory I (*)
SCI 362	Nobel Prize in Biological Sciences
SCI 363 & SCI L363	Genetics and Genetics Laboratory
SCI 364	Plant Biology
SCI 366	Coastal Environments
SCI 367	Biochemistry
SCI 368	Elements of Forensic Science
SCI 369	Histology
SCI 374 & SCI L374	Organic Chemistry II and Organic Chemistry II Laboratory
SCI 377 & SCI L377	Microbiology and Microbiology Laboratory
SCI 380 & SCI L380	Anatomy and Physiology II and Anatomy and Physiology Lab II (*)
SCI 390	Research Methods in Science
SCI HS300	Honors Special Topics in Science Application of Brain Science
SCI 450	Biological Imaging
SCI 451	Instrumental Analysis for Environmental and Life Sciences
SCI 457	Environmental Toxicology and Risk Assessment
SCI 459	Foundations in Pharmaceutical Science
SCI 460	Systems Modeling
SCI 461	Issues in Biological Science
SCI 462	Plant Diversity in Ancient and Modern Environments
SCI 464	Biomarkers and isotope Signals
SCI 466	Global Health Challenges
SCI 470	Immunity and Disease
SCI 490	Research Directed Study in Science
Track 2: Cellular and Molecular Biology	
Level II:	
SCI 365 & SCI L365	Organic Chemistry I and Organic Chemistry I Laboratory
Choose 3 of the following courses plus one lab:	
SCI 356	Introduction to Biotechnology
SCI 360 & SCI L360	Anatomy and Physiology I and Anatomy and Physiology Laboratory I (*)
SCI 362	Nobel Prize in Biological Sciences
SCI 363 & SCI L363	Genetics and Genetics Laboratory
SCI 367	Biochemistry
SCI 369	Histology
SCI 374 & SCI L374	Organic Chemistry II and Organic Chemistry II Laboratory
SCI 377 & SCI L377	Microbiology and Microbiology Laboratory
SCI 380 & SCI L380	Anatomy and Physiology II and Anatomy and Physiology Lab II (*)
SCI 390	Research Methods in Science
SCI HS300	Honors Special Topics in Science Application of Brain Science
Level III:	
Choose one of the following courses	
SCI 450	Biological Imaging
SCI 451	Instrumental Analysis for Environmental and Life Sciences
SCI 459	Foundations in Pharmaceutical Science
SCI 460	Systems Modeling
SCI 466	Global Health Challenges
SCI 470	Immunity and Disease
SCI 490	Research Directed Study in Science
Track 3: Pre-Health	
Biology core plus the following Level I course	
SCI 274	Physics II Biological Physics
****Level II:**	
SCI 365 & SCI L365	Organic Chemistry I and Organic Chemistry I Laboratory
SCI 367	Biochemistry
Choose 2 of the following courses including one lab:	
SCI 354	Nutrition

SCI 360 & SCI L360	Anatomy and Physiology I and Anatomy and Physiology Laboratory I (*)
SCI 363 & SCI L363	Genetics and Genetics Laboratory
SCI 369	Histology
SCI 374 & SCI L374	Organic Chemistry II and Organic Chemistry II Laboratory
SCI 377 & SCI L377	Microbiology and Microbiology Laboratory
SCI 380 & SCI L380	Anatomy and Physiology II and Anatomy and Physiology Lab II (*)
SCI 390	Research Methods in Science
SCI HS300	Honors Special Topics in Science Application of Brain Science
Level III:	
Choose one of the following courses:	
SCI 459	Foundations in Pharmaceutical Science
SCI 466	Global Health Challenges
SCI 470	Immunity and Disease
SCI 490	Research Directed Study in Science
***Recommended to be taken together with the lab.**	
****Students are encouraged to review individual course requirements for each track and take the appropriate class sequence.**	
Track 4: Ecology and Conservation Biology	
Level II:	
SCI 351 & SCI L351	Ecology and Ecology Laboratory
Choose 3 of the following courses plus one lab:	
SCI 363 & SCI L363	Genetics and Genetics Laboratory
SCI 364	Plant Biology
SCI 366	Coastal Environments
SCI 371 & SCI L371	Human Impact on Land and Life and Human Impact on Land and Life Laboratory
SCI 372 & SCI L372	Sustaining Air and Water and Sustaining Air and Water Laboratory
SCI 377 & SCI L377	Microbiology and Microbiology Laboratory
SCI 390	Research Methods in Science
Level III:	
Choose one of the following:	
SCI 450	Biological Imaging
SCI 454	Conservation in the U.S. and China
SCI 455	Environmental Policy: Decision Making and Problem Solving
SCI 457	Environmental Toxicology and Risk Assessment
SCI 458	Global Change and Geochemical Impact
SCI 460	Systems Modeling
SCI 461	Issues in Biological Science
SCI 462	Plant Diversity in Ancient and Modern Environments
SCI 464	Biomarkers and isotope Signals
SCI ST400	Special Topics in Science Environmental Investigation and Remediation
SCI 490	Research Directed Study in Science
Track 5: Research Intensive	
Level II:	
SCI 365 & SCI L365	Organic Chemistry I and Organic Chemistry I Laboratory
SCI 390	Research Methods in Science
Choose 2 of the following courses plus one lab	
SCI 351	Ecology
SCI 356	Introduction to Biotechnology
SCI 363 & SCI L363	Genetics and Genetics Laboratory
SCI 364	Plant Biology
SCI 367	Biochemistry
SCI 369	Histology
SCI 374 & SCI L374	Organic Chemistry II and Organic Chemistry II Laboratory
SCI 377 & SCI L377	Microbiology and Microbiology Laboratory
SCI HS300	Honors Special Topics in Science Application of Brain Science
Level III:	
SCI 490	Research Directed Study in Science
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 121	Calculus and Analytic Geometry I
MATH 122	Calculus and Analytic Geometry II
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distributions - Modes of Thought [1]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [2]	
Business Minor Requirement	
Selection is made from a variety of business minors (Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales).	
Electives	
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.	

[1] Modes of Thought requirements can be met by appropriate courses in the major.

[2] Include one Lab Science. One science must be taken at the 300 or 400 level.

A minimum of 122 credit hours is required for graduation

Biochemistry Concentration

Biochemistry Concentration Requirements

SCI 251	Biology I Principles of Biology
SCI 265	Chemistry I Introductory Chemistry
SCI 267	Chemistry II Chemical Systems
SCI 365	Organic Chemistry I
SCI L251	Biology I Laboratory
SCI L265	Chemistry I Laboratory
SCI L365	Organic Chemistry I Laboratory
Choose one of the following:	
SCI 459	Foundations in Pharmaceutical Science
SCI 464	Biomarkers and isotope Signals
SCI 470	Immunity and Disease
SCI 460	Systems Modeling
SCI 490	Research Directed Study in Science
SCI 451	Instrumental Analysis for Environmental and Life Sciences

Biology Concentration

Biology Concentration Requirements

SCI 251	Biology I Principles of Biology
SCI L251	Biology I Laboratory
SCI 253	Biology II Organismal Biology
SCI L253	Biology II Laboratory
Choose two of the following courses plus one lab	
SCI 351	Ecology
SCI 354	Nutrition
SCI 355	Energy Management Strategies
SCI 356	Introduction to Biotechnology
SCI 360	Anatomy and Physiology I
SCI 363	Genetics
SCI 364	Plant Biology
SCI 362	Nobel Prize in Biological Sciences
SCI 365	Organic Chemistry I
SCI 377	Microbiology
SCI 380	Anatomy and Physiology II
SCI 390	Research Methods in Science
SCI 367	Biochemistry
SCI 368	Elements of Forensic Science
SCI 369	Histology
SCI L351	Ecology Laboratory
SCI L360	Anatomy and Physiology Laboratory I
SCI L363	Genetics Laboratory
SCI L365	Organic Chemistry I Laboratory
SCI L380	Anatomy and Physiology Lab II
SCI L377	Microbiology Laboratory
SCI L355	Energy Management Strategies Lab
Choose one of the following	
SCI 450	Biological Imaging
SCI 451	Instrumental Analysis for Environmental and Life Sciences
SCI 459	Foundations in Pharmaceutical Science
SCI 460	Systems Modeling
SCI 461	Issues in Biological Science
SCI 462	Plant Diversity in Ancient and Modern Environments
SCI 466	Global Health Challenges
SCI 470	Immunity and Disease
SCI 490	Research Directed Study in Science

Biology Minor

Biology Minor Requirements

Two core courses	
SCI 251	Biology I Principles of Biology
SCI 253	Biology II Organismal Biology
Choose one 300-level and one 400-level science course	

Biotechnology Minor

Biotechnology Minor Requirements

SCI 251	Biology I Principles of Biology
SCI 356	Introduction to Biotechnology
Choose one of the following courses:	
SCI 363	Genetics
SCI 369	Histology
SCI 377	Microbiology
SCI 365	Organic Chemistry I
SCI 367	Biochemistry
SCI 368	Elements of Forensic Science
SCI 364	Plant Biology
Choose one of the following:	
SCI 450	Biological Imaging
SCI 451	Instrumental Analysis for Environmental and Life Sciences
SCI 459	Foundations in Pharmaceutical Science
SCI 460	Systems Modeling
SCI 461	Issues in Biological Science
SCI 464	Biomarkers and isotope Signals
SCI 466	Global Health Challenges
SCI 470	Immunity and Disease
SCI 490	Research Directed Study in Science
SCI 452	Innovation and Global Energy Challenges
SCI 465	Green Technology for Sustainability

Chemistry Minor

Chemistry Minor Requirements

SCI 265	Chemistry I Introductory Chemistry
SCI 267	Chemistry II Chemical Systems
SCI 365	Organic Chemistry I
or SCI 367	Biochemistry

Choose one of the following:	
SCI 451	Instrumental Analysis for Environmental and Life Sciences
SCI 458	Global Change and Geochemical Impact
SCI 459	Foundations in Pharmaceutical Science
SCI 460	Systems Modeling
SCI 464	Biomarkers and isotope Signals
SCI 490	Research Directed Study in Science

Environmental Science Concentration

Environmental Science Concentration Requirements

Level 1 (choose 2 including 1 lab)	
SCI 251 & SCI L251	Biology I Principles of Biology and Biology I Laboratory
SCI 253 & SCI L253	Biology II Organismal Biology and Biology II Laboratory
SCI 262 & SCI L262	Physical Geology and Physical Geology Laboratory
SCI 264 & SCI L264	Physics I Introductory Physics and Physics I Laboratory
SCI 265 & SCI L265	Chemistry I Introductory Chemistry and Chemistry I Laboratory
SCI 266	Oceanography
SCI 267 & SCI L267	Chemistry II Chemical Systems and Chemistry II Laboratory
SCI 268	Introduction to Environmental Science and Sustainability
SCI 287 & SCI L287	Weather and Natural Disasters and Weather and Natural Disasters Laboratory
Level 2 (choose 2 including 1 lab)	
SCI 351 & SCI L351	Ecology and Ecology Laboratory
SCI 355 & SCI L355	Energy Management Strategies and Energy Management Strategies Lab
SCI 364	Plant Biology
SCI 365 & SCI L365	Organic Chemistry I and Organic Chemistry I Laboratory
SCI 366	Coastal Environments
SCI 371 & SCI L371	Human Impact on Land and Life and Human Impact on Land and Life Laboratory
SCI 372 & SCI L372	Sustaining Air and Water and Sustaining Air and Water Laboratory
SCI 376 & SCI L376	GIS for Environmental Decision Making and GIS for Environmental Decision Making Laboratory
SCI 377 & SCI L377	Microbiology and Microbiology Laboratory
SCI 390	Research Methods in Science
Plus one additional lab from Level 1 or Level 2	
Level 3 (choose 1)	
SCI 450	Biological Imaging
SCI 451	Instrumental Analysis for Environmental and Life Sciences
SCI 452	Innovation and Global Energy Challenges
SCI 453	GIS Tools Coastal Planning and Climate Change
SCI 454	Conservation in the U.S. and China
SCI 455	Environmental Policy: Decision Making and Problem Solving
SCI 457	Environmental Toxicology and Risk Assessment
SCI 458	Global Change and Geochemical Impact
SCI 460	Systems Modeling
SCI 462	Plant Diversity in Ancient and Modern Environments
SCI 463	Issues in Environmental Science
SCI 464	Biomarkers and isotope Signals
SCI 465	Green Technology for Sustainability
SCI 466	Global Health Challenges

Environmental Science Minor

Environmental Science Minor Requirements

Level 1 (choose 2)	
SCI 251	Biology I Principles of Biology
SCI 253	Biology II Organismal Biology
SCI 262	Physical Geology
SCI 264	Physics I Introductory Physics
SCI 266	Oceanography
SCI 268	Introduction to Environmental Science and Sustainability
SCI 287	Weather and Natural Disasters
Level 2 (Choose 1)	
SCI 351	Ecology
SCI 355	Energy Management Strategies
SCI 364	Plant Biology
SCI 365	Organic Chemistry I
SCI 366	Coastal Environments
SCI 371	Human Impact on Land and Life
SCI 372	Sustaining Air and Water
SCI 376	GIS for Environmental Decision Making
SCI 377	Microbiology
SCI 390	Research Methods in Science
Level 3 (choose 1)	
SCI 450	Biological Imaging
SCI 451	Instrumental Analysis for Environmental and Life Sciences
SCI 452	Innovation and Global Energy Challenges
SCI 453	GIS Tools Coastal Planning and Climate Change
SCI 454	Conservation in the U.S. and China
SCI 455	Environmental Policy: Decision Making and Problem Solving
SCI 457	Environmental Toxicology and Risk Assessment
SCI 458	Global Change and Geochemical Impact
SCI 460	Systems Modeling
SCI 462	Plant Diversity in Ancient and Modern Environments
SCI 463	Issues in Environmental Science
SCI 464	Biomarkers and isotope Signals

SCI 465	Green Technology for Sustainability
SCI 466	Global Health Challenges
SCI ST400	Special Topics in Science Environmental Investigation and Remediation

Forensic Science Concentration

Forensic Science Concentration Requirements

Required Courses

SCI 251 & SCI L251	Biology I Principles of Biology and Biology I Laboratory
SCI 265 & SCI L265	Chemistry I Introductory Chemistry and Chemistry I Laboratory
SCI 368	Elements of Forensic Science
Select two courses and one lab from the following:	
SCI 253 & SCI L253	Biology II Organismal Biology and Biology II Laboratory
SCI 267 & SCI L267	Chemistry II Chemical Systems and Chemistry II Laboratory
SCI 356	Introduction to Biotechnology
SCI 360 & SCI L360	Anatomy and Physiology I and Anatomy and Physiology Laboratory I
SCI 363 & SCI L363	Genetics and Genetics Laboratory
SCI 365 & SCI L365	Organic Chemistry I and Organic Chemistry I Laboratory
SCI 367	Biochemistry
SCI 376 & SCI L376	GIS for Environmental Decision Making and GIS for Environmental Decision Making Laboratory
SCI 377 & SCI L377	Microbiology and Microbiology Laboratory
SCI 369	Histology
SCI 459	Foundations in Pharmaceutical Science

Capstone Course Requirement

Select one of the following:	
SCI 450	Biological Imaging
SCI 451	Instrumental Analysis for Environmental and Life Sciences
SCI 457	Environmental Toxicology and Risk Assessment
SCI 497	Directed Study in Science

College of Business

Bryant has built its reputation on educating business professionals and leaders. An impressive array of business specialties offers the depth and breadth of a large, premier business school combined with the individual attention that is a Bryant hallmark.

Undergraduate Degree Programs

The College of Business offers three business degree programs.

The **Bachelor of Science in Business Administration** offers concentrations in accounting, computer information systems, entrepreneurship, finance, financial services, global supply chain management, human resource management, management, and marketing. There is a **Bachelor of Science in Information Technology** and a **Bachelor of Science in International Business** with concentrations in accounting, computer information systems, entrepreneurship, finance, global supply chain management, management, and marketing. All academic programs focus on developing key skills such as working in and leading groups, communicating effectively, solving problems innovatively and increasing proficiency with technology.

Business programs are enhanced by a minor in the liberal arts, emphasizing the importance of developing the whole student.

All students in business administration are required to complete a liberal arts minor. Liberal arts minors are available in:

- Africana/Black Studies
- Applied Statistics
- Biology
- Biotechnology
- Chemistry
- Chinese
- Communication
- Economics
- Environmental Science
- Film Studies
- French, History
- Global Studies
- Italian
- Latin American and Latino/Latina Studies
- Legal Studies
- Literary and Cultural Studies
- Literature, Mathematics
- Media and Cultural Studies
- Political Science
- Professional and Creative Writing
- Psychology
- Sociology
- Sociology and Service Learning
- Spanish
- Women, Gender, and Sexuality Studies.

Students in the Bachelor of Science in International Business program are required to complete a language minor.

Mission

We prepare socially responsible thinkers, leaders, and innovators for successful professional careers within the global business community.

Our strategic priorities are informed by the following statements that serve to amplify our mission and values:

- We prepare thinkers by offering a broad and multidisciplinary knowledge base, with in-depth content in one or more specific business disciplines. The business degree experience is focused on the application of foundational theory in business settings. In addition, we develop students' critical-thinking skills and ability to grapple with problems at a systemic level.

- We prepare leaders by cultivating the development of interpersonal skills and character. The curriculum provides students with numerous opportunities to learn about and practice leadership and collaboration skills, in small and large group settings, and with for-profit and non profit organizations. In addition, students are encouraged to avail themselves of the many opportunities for exposure to global, socio-economic, and cultural perspectives; to develop mentoring relationships with faculty; and to mentor fellow students as opportunities arise.
- We prepare innovators by presenting students with challenging business issues that allow them to apply their skills to real problems. The curriculum offers opportunities for students to develop creative business solutions, providing them with the necessary tools to successfully adapt to changes in the global business environment.

Learning Goals

Bachelor of Science in Business Administration (B.S. in B.A.)

The Bachelor of Science in Business Administration (B.S. in B.A.) program has the following learning goals:

- Goal 1: Graduates of the Bryant Bachelor of Science in Business Administration program shall have the ability to communicate effectively.
- Goal 2: Graduates of the Bryant Bachelor of Science in Business Administration program shall have the ability to work in and lead groups of individuals from diverse backgrounds.
- Goal 3: Graduates of the Bryant Bachelor of Science in Business Administration program shall have the ability to develop innovative solutions to complex problems.
- Goal 4: Graduates of the Bryant Bachelor of Science in Business Administration program shall have the ability to adopt and effectively use emerging technologies.
- Goal 5: Graduates of the Bryant Bachelor of Science in Business Administration program shall have an awareness of and a personal philosophy toward ethical business practices.
- Goal 6: Graduates of the Bryant Bachelor of Science in Business Administration program shall have an understanding of fundamental business processes, in a global and cross-cultural context.
- Goal 7: Graduates of the Bryant Bachelor of Science in Business Administration program shall demonstrate competency in their chosen discipline.

This list of learning goals derives from the College of Business mission and is consonant with the Bryant University mission. The learning goals represent educational objectives that have been translated into measurable learning outcomes for the Bachelor of Science in Business Administration program.

Graduates of the B.S. in B.A. program can thus be characterized as prepared by their professional and liberal arts education to assume positions of leadership in an international business culture in which they demonstrate creative, responsible decision making, an informed sensitivity to social and ethical issues, and a humane, intelligent understanding of current business practices.

Bachelor of Science in Information Technology (B.Sc.I.T.)

The Bachelor of Science in Information Technology (B.Sc.I.T.) program has the following learning goals:

- Goal 1: Graduates of the Bryant Bachelor of Science in Information Technology program shall have the ability to communicate effectively.
- Goal 2: Graduates of the Bryant Bachelor of Science in Information Technology program shall have the ability to work in and lead groups of individuals from diverse backgrounds.
- Goal 3: Graduates of the Bryant Bachelor of Science in Information Technology program shall have the ability to develop innovative solutions to complex problems.
- Goal 4: Graduates of the Bryant Bachelor of Science in Information Technology program shall have an awareness of and a personal philosophy toward ethical business practices.
- Goal 5: Graduates of the Bryant Bachelor of Science in Information Technology program shall have an understanding of fundamental business processes, in a global and cross-cultural context.
- Goal 6: Graduates of the Bryant Bachelor of Science in Information Technology program shall have the ability to adopt, effectively use, and implement solutions with emerging technologies.
- Goal 7: Graduates of the Bryant Bachelor of Science in Information Technology program shall demonstrate competency in technology and application development.

This list of learning goals derives from the College of Business mission and is consonant with the Bryant University mission. The learning goals represent educational objectives that have been translated into measurable learning outcomes for the Bachelor of Science in Information Technology program.

Graduates of the B.Sc.I.T. program can thus be characterized as technologically proficient, accustomed to dealing with rapid rates of change, knowledgeable in the functions of business, cognizant of the impact of technology on business and people, aware of international issues, inventive, curious and appreciative of the world around them.

Bachelor of Science in International Business (B.S.I.B.)

The Bachelor of Science in International Business (B.S.I.B.) program has the following learning goals:

- Goal 1: Graduates of the Bryant Bachelor of Science in International Business program shall have the ability to communicate effectively in both English and a foreign language.
- Goal 2: Graduates of the Bryant Bachelor of Science in International Business program shall have the ability to work in and lead groups of individuals from diverse national, ethnic and cultural backgrounds.
- Goal 3: Graduates of the Bryant Bachelor of Science in International Business program shall have the ability to develop innovative solutions to complex problems in the global business arena.
- Goal 4: Graduates of the Bryant Bachelor of Science in International Business program shall have the ability to adopt and effectively use emerging technologies.
- Goal 5: Graduates of the Bryant Bachelor of Science in International Business program shall have an awareness of and a personal philosophy toward ethical issues in global business practices.
- Goal 6: Graduates of the Bryant Bachelor of Science in International Business program shall have an understanding of the environment

and fundamental business processes, in a global and cross-cultural context.

- Goal 7: Graduates of the Bryant Bachelor of Science in International Business program shall demonstrate competency in their chosen discipline.
- Goal 8: Graduates of the Bryant Bachelor of Science in International Business program shall attain a fundamental cultural knowledge of the world based on an understanding of, and an appreciation for, differences in ways of life including cultural norms, practices, and beliefs.

This list of learning goals derives from the College of Business mission and is consistent with the Bryant University mission. The learning goals represent educational objectives that have been translated into measurable learning outcomes for the Bachelor of Science in International Business program.

Graduates of the B.S.I.B. program can thus be characterized as being specially equipped with a competitive advantage to succeed in a globalized business world through a multidisciplinary program that includes a functional business expertise and foreign language proficiency along with in-depth knowledge of global perspectives of business.

College of Business Graduate Degree Programs

Bryant University has had a graduate business program since 1969. The Graduate College of Business offers a Master of Business Administration, a Master of Professional Accountancy, and a Master of Science in Taxation. MBA students may specialize their studies in the areas of Business Analytics, Global Supply Chain Management, Global Finance, International Business or General Management. The Graduate Business College is expanding its traditional business education to be more global by creating joint partnerships abroad. Its distinguished academic position will be enhanced as the University explores new methods for delivering a Bryant graduate education to students here and abroad.

Accounting Department

Concentration in Accounting

Objective

- To provide education for leadership in the accounting profession.

The way that organizations (both public accounting firms and corporations) conduct business and the role of accountants in organizations has changed dramatically. To be an effective leader in the current business environment, accountants must be knowledgeable in a wide range of disciplines, including finance, management, and marketing.

In response, the accounting profession has undergone its most significant changes in recent history; changes that require enhanced skills and knowledge for career success. Because accountants need to be business people first, knowledge of accounting must be firmly grounded in an understanding of the complete range of business functions. In addition, accountants must be accomplished communicators.

Bryant's accounting program is designed to meet the challenges posed by such changes. The accounting curriculum provides a flexible program of study relevant to all areas of accounting. Elective courses and internship opportunities permit students to pursue areas of specific career interests. Additionally, through the integration of business and liberal studies, students obtain the knowledge, sensitivities, and skills mandated by an increasingly complex, globally interdependent and technologically sophisticated world.

Bryant's accounting program provides the basic background for the major professional examinations. In addition, qualified undergraduate students are eligible to take up to two graduate courses during their senior year to get a head start on completing the Master of Professional Accountancy (MPAc) or the Master of Taxation (MST) programs. Both courses can be applied to their graduate degree, and one course can be applied to their undergraduate degree. MPAc enables Bryant undergraduate students to complete the required 150 credits to be certified as a CPA in as little as 4 1/2 years.

Faculty

Department Chair
Dr. Saeed Roohani

Professor
David J. Beausejour

Professor
Dennis M. Bline

Professor
Charles P. Cullinan

Professor
Lookman Buky Folami

Professor
Timothy G. Krumwiede

Professor
Michael F. Lynch

Professor
Saeed J. Roohani

Professor
Kathleen A. Simons

Associate Professor
Kwadwo Asare

Associate Professor
Robert H. Farrar

Associate Professor
Lawrence H. Witner

Associate Professor
Xiaochuan Zheng

Assistant Professor
Elena Precourt

Assistant Professor
Xiaochuan Zheng

Executive in Residence
David Casten

Senior Lecturer
Mary Ella Gainor

Lecturer
William J. Lynch

Concentration

- Accounting Concentration (p. 61)

Accounting Concentration

Accounting Concentration Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Accounting Concentration	
ACG 301	Financial Reporting I
ACG 302	Financial Reporting II
ACG 311	Cost Management
ACG 345	Accounting Information Systems
ACG 351	Corporate Taxation
or ACG 352	Individual Taxation
ACG 442	Auditing Concepts
Three Accounting Electives	
Business Core Requirements	
ACG 203 & ACG 204	Principles of Financial Accounting and Principles Managerial Accounting
BUS 400	Business Policy
CIS 201	Introduction to Information Technology and Analytics
FIN 201	Financial Management
LGLS 211	The Legal Environment of Business
MGT 200	Management Principles and Practice
MGT 201	Operations Management
MKT 201	Foundations of Marketing Management
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distribution Requirements - Modes of Thought [1]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [2]	
Liberal Arts Elective	
One Elective	
Liberal Arts Minor Requirement	
Four courses (selection is made from a variety of liberal arts disciplines)	
Open Elective	
Two Electives	

[1] 3 credits from the required liberal arts minor may be applied to this distribution.

[2] Include one Lab Science. One science course must be at the 300 or 400 level.

[3] Some minors require more than 12 credits.

122 credits required for graduation

Computer Information Systems Department

Concentration in Computer Information Systems

Objectives

- To provide students with the information technology skills required of the successful undergraduate student at the University.
- To provide students with the information systems knowledge required to function in the contemporary business organization.
- To develop the problem-solving skills of students.
- To provide an intellectually rigorous and forward looking information systems curriculum for students with a concentration in C.I.S.
- To prepare students with a concentration in C.I.S. to be leaders in the integration of information, web technology and analytics into business.
- To provide a curriculum for students with a minor in C.I.S. that complements and enhances the program of their concentration.
- To support and promote employment and internship opportunities for qualified students in C.I.S.

Business managers have been gathering and processing information for centuries. With the introduction of the computer, this task has become easier, faster, and more reliable. In the information age of today, managers have come to rely upon computer-generated information as a critical resource in the decision-making process. Bryant University recognizes the importance of information technology for all levels of management and provides a Computer Information Systems curriculum that is both challenging and relevant.

Computerized business systems, digital communications, the World Wide Web and mobile commerce are mainstays of information processing activities in business and public organizations. Bryant offers both a concentration and a minor in Computer Information Systems.

Students who elect to concentrate in C.I.S. will learn to define problems, develop systems, construct applications and do analytics to meet a wide range of professional opportunities in the information systems and technology field.

Microcomputers, smart phones and the Internet have brought computer technology to the desktop. This means that every business person must develop a certain level of computer expertise. Students who are not concentrating in C.I.S. will find it valuable to their future careers to elect a minor in C.I.S.

They will learn the skills to acquire, manage, and use information to solve business problems. The requirements for the C.I.S. minor are flexible enough to meet the needs of a wide variety of student interests.

The Bryant curriculum, by providing a sound foundation in business administration, as well as a concentration and a minor, gives students the skills and background necessary to achieve success as computer information systems specialists.

Computer Information Systems Minor

Objectives

- To provide students with the information technology skills to acquire, manage, and use information in the modern organization.
- To develop the problem-solving and analytical skills of students.
- To provide a curriculum that complements and enhances the program of their concentration.

Technology is an integral part of nearly every business profession. Business people everywhere rely on technology to complement and maximize their professional effectiveness. The C.I.S. minor is designed to enable students to prepare for the increased role of information technology in the business world.

Faculty

Department Chair
Dr. Richard Glass

Professor
Abhijit Chaudhury

Professor
Richard Glass

Professor
Suhong Li

Professor
Alan Olinsky

Professor
Janet Prichard

Professor
Harold A. Records

Associate Professor
Kenneth Sousa

Associate Professor
Chen Zhang

Assistant Professor
Kevin D. Mentzer

Concentration

- Computer Information Systems Concentration (p. 62)

Minor

- Computer Information Systems Minor (p. 63)

Computer Information Systems Concentration

Computer Information Systems Concentration Curriculum Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Computer Information Systems Concentration	
CIS 305	Using Technology for Effective Decision Making
CIS 341	Database Management System Principles
CIS 441	Systems Analysis and Information Technology Consulting
Three Computer Information Systems Electives [1,2]	
Business Core Requirements	
ACG 203 & ACG 204	Principles of Financial Accounting and Principles Managerial Accounting
BUS 400	Business Policy
CIS 201	Introduction to Information Technology and Analytics
FIN 201	Financial Management
LGLS 211	The Legal Environment of Business
MGT 200	Management Principles and Practice
MGT 201	Operations Management
MKT 201	Foundations of Marketing Management
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distribution Requirements - Modes of Thought [3]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [4]	
Liberal Arts Elective	
One Elective	
Liberal Arts Minor Requirements	
Four Courses (selection is made from a variety of liberal arts disciplines) [5]	
Open Electives	
Five Electives	

1. Must include one 400-level elective
2. Two CIS electives may be taken in IT.
3. 3 credits from the required liberal arts minor may be applied to this distribution.

[4] Include one Lab Science. One science course must be taken at the 300 or 400 level.

[5] Some minors require more than 12 credits.

122 credits required for graduation

Computer Information Systems Minor

Requirements

Students in the C.I.S. minor will take:

CIS 305	Using Technology for Effective Decision Making
CIS 341	Database Management System Principles
One C.I.S. elective	
One 400-level C.I.S. elective	

Entrepreneurship Program

Concentration in Entrepreneurship

The goal of the entrepreneurship student is to develop an understanding of the strategic, tactical, and analytic traits necessary to make sound business decisions in new entities. Perfecting these traits becomes both more difficult and more rewarding with globalization where cultural and technological change help shape business strategies while dramatically expanding the market for your enterprise.

Successful entrepreneurs typically demonstrate a blend of innovation and research, leadership and personnel management, marketing and selling, and financial abilities. Those entrepreneurs must now shepherd global resources to achieve the organization's objectives. Globe-spanning resources force entrepreneurs to have a better handle on how to motivate and coordinate them.

The entrepreneurship curriculum builds on the highly successful First Year Gateway coursework, while using ENT 300-level coursework to broaden a student's understanding of the necessary business areas. The Capstone sequence, ENT 481 and ENT 482, leverage the GFOB 100 base, as well as his/her work in ENT 300-level courses. This top-level series of courses emphasize every aspect of building and managing a new enterprise.

Objectives

Entrepreneurship students must:

- Understand the business concepts necessary for successful management and leadership of firms ranging in size from newly-formed ventures to mid cap publicly (or privately) held firms.
- Identify the traits of entrepreneurs and compare those with the traits of large-firm leaders, noting the differences in both day-to-day styles and needs, as well as differences in the strategic objectives and outcomes.
- Develop an appropriate set of strategic priorities when sourcing a new firm, ranging from product/ service development to human resource and operations management to marketing and sales objectives and to financing the venture and managing cash flow.

Entrepreneurship Minor

The entrepreneurship minor is designed to give students a working perspective for small to medium-sized enterprises, including the development of new enterprises. This minor helps students cultivate an understanding of entrepreneurship and the traits of entrepreneurial leaders. All enterprises, irrespective of their profit motives, require a sense of entrepreneurialism, including planning and execution skills, people and resource management, long-term strategies and shorter-term objectives, and financing. The entrepreneurship minor is a means of creating that base understanding of enterprise management.

Faculty

Coordinator, Entrepreneurship Program
Lou Mazzucchelli

Professor
David Beausejour
Professor, Accounting

Professor
Lori Coakley
Professor, Management

Professor
Michael Roberto
Professor, Management

Professor
Hakan Saraoglu
Professor, Finance

Associate Professor
James Segovis
Associate Professor, Management

Associate Professor
Kenneth Sousa
Associate Professor, Computer Information Systems

Lecturer
Lou Mazzucchelli
Lecturer, Management

Lecturer
Sandra Potter
Lecturer, Marketing

Concentration

- Entrepreneurship Concentration (p. 63)

Minor

- Entrepreneurship Minor (p. 64)

Entrepreneurship Concentration

Entrepreneurship Concentration Curriculum Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Entrepreneurship Concentration	

ENT 380	Entrepreneurial Marketing
ENT 381	Entrepreneurial Finance
ENT 481	Creating a New Venture
ENT 482	Managing a New Venture
Select two of the following Entrepreneurship Electives:	
ACG 370	Personal Financial Planning
CIS 332	E-Business Models
COM 202	Public Speaking [1]
or COM 367	Small Group Communication
ECO/HIS 376	Cultures and Economies in Transition
FIN 340	Microfinance
LGLS 451	International Business Law
MGT 356	International Business Management
MKT 380	Services Marketing
MKT 382	New Product Development
MKT 410	Business To Business Marketing
MKT 421	Sustainability Marketing
SOC 362	Sociology of Innovation and Creativity
ENT 497	Directed Study in Entrepreneurship
Business Core Requirements	
ACG 203 & ACG 204	Principles of Financial Accounting and Principles Managerial Accounting
BUS 400	Business Policy
CIS 201	Introduction to Information Technology and Analytics
FIN 201	Financial Management
LGLS 211	The Legal Environment of Business
MGT 200	Management Principles and Practice
MGT 201	Operations Management
MKT 201	Foundations of Marketing Management
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distribution Requirements Modes of Thought [2]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [3]	
Liberal Arts Elective	
One elective	
Liberal Arts Minor Requirement	
Four courses (selection is made from a variety of liberal arts disciplines) [4]	
Open Electives	
Five Electives	

[1] Students may take either COM 202 or COM 367 toward the concentration

[2] 3 credits from the required liberal arts minor may be applied to this distribution

[3] Include 1 Lab Science. One science course must be at the 300 or 400 level.

[4] Some minors require more than 12 credits

122 credits required for graduation

Entrepreneurship Minor

Required	
ENT 380	Entrepreneurial Marketing
ENT 381	Entrepreneurial Finance
ENT 481	Creating a New Venture
Electives	
Select one of the following:	
ACG 370	Personal Financial Planning
CIS 332	E-Business Models
COM 202	Public Speaking
COM 367	Small Group Communication
ECO/HIS 376	Cultures and Economies in Transition
ENT 482	Managing a New Venture
FIN 340	Microfinance
LGLS 451	International Business Law
MGT 356	International Business Management
MKT 380	Services Marketing
MKT 382	New Product Development
SOC 362	Sociology of Innovation and Creativity

Finance Department

The Finance Department oversees concentrations in Finance and Financial Services, as well as a minor in Finance.

Concentration in Finance

Objectives

- To expose students to all areas of finance including corporate finance, investments, financial institutions, and financial markets.
- To develop in the student the understanding of the role of financial decision making in business and society.
- To develop the analytical and managerial capabilities necessary for making decisions that create stakeholder value.
- To prepare students for career paths involving financial decision making.

Finance is defined as the art and science of managing money. Finance is about making decisions that add value to corporations and individuals. For a business enterprise, the finance function has evolved from simply raising capital when needed to making decisions affecting the management of the firm's assets, liabilities, and cash flow. Finance as a discipline also includes investment management for individuals and institutions, as well as the management of financial institutions such as banks and insurance companies. Since virtually all business decisions

have a financial dimension, an understanding of the financial implications of a decision is crucial for effective management.

The goal of the finance concentration is to develop the analytical and managerial capabilities necessary for making sound financial decisions, either as a manager of an enterprise or as an individual managing his/her resources or the resources of others. The curriculum emphasizes sound fundamentals and state-of-the-art financial management techniques.

Finance appeals to students with an analytical and quantitative orientation. Finance majors are required to take courses in the areas of corporate financial management, investments and capital markets, and financial institutions. These courses integrate economics, accounting, computer software applications, mathematics, and statistics into a financial problem solving, decision analysis framework centered around the notion of value creation. Students may select elective courses dealing with short and long-term corporate financial management, securities analysis and investment management, real estate and insurance, and management of financial institutions. The globalization of business activities and availability of capital from sources around the world are a major focus in all advanced finance courses.

Concentration in Financial Services

Objectives

- To develop a broad understanding of integrated financial service organizations operating in brokerage, banking, and insurance.
- To expose students to the development, usage, and marketing of financial services products.
- To prepare students to compete effectively in the constantly evolving and volatile world of financial services.

During the past decade, the field of financial services and personal financial management has undergone significant changes. Traditional boundaries between the securities industry, insurance, and banking have been blurred or obliterated with fundamental changes in federal laws and regulatory rulings. One consequence of these changes has been an expansion of career paths leading to executive positions in banking, brokerage, and insurance, and the emergence of financial services as a distinct field of study.

Rising personal wealth of U.S. and world citizens has also raised the need for individuals to become more knowledgeable about managing their own personal financial resources and has created a demand for professionals who can manage the resources of others. The Bryant University financial services concentration was developed to prepare students for careers in serving the consumer's financial needs.

The concentration consists of an 18 credit financial services core that exposes students to all facets of the field and 12 credits of elective courses that allow students to tailor the program to best fit their academic interests and objectives. Graduates in financial services are prepared for careers in retail securities brokerage, financial planning, real estate investment management, insurance, and financial institutions management.

Finance Minor

The goal of the finance minor is to give students the opportunity to develop the analytical and managerial tools needed for making sound financial decisions.

Students in the finance minor take four courses. Through prudent course selection, students can either specialize in a particular area of finance (e.g. corporate financial management, investments, financial services, the management of financial institutions), or develop a general finance minor.

Course selection should be made under the guidance of the Finance faculty.

Faculty

Department Chair
Dr. Peter Nigro

Professor
Asli Ascioglu

Professor
A. Can Inci

Professor
Hsi-Cheng Li

Professor
David A. Louton

Professor
Joseph E. McCarthy

Professor
Peter Nigro

Professor
Hakan Saraoglu

Professor
Jack Trifts

Professor
Elizabeth J. Yobaccio

Associate Professor
David C. Ketcham

Associate Professor
Andres Ramirez

Lecturer
Mara Derderian

Lecturer
Maura Dowling

Lecturer
Jeffrey Koplik

Lecturer
Kevin J. Maloney

Financial Services Faculty
Hakan Saraoglu
Financial Services Coordinator

Financial Services Faculty
Dennis M. Bline
Accounting

Financial Services Faculty
Andrea Boggio

Coordinator, Legal Studies

Financial Services Faculty
Kristin Kennedy
Chair, Mathematics

Financial Services Faculty
Elizabeth Yobaccio
Professor, Finance

Concentration

- Finance Concentration (p. 66)
- Financial Services Concentration (p. 66)

Minor

- Finance Minor (p. 66)

Finance Concentration

Finance Concentration Curriculum Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Finance Concentration	
FIN 312	Investments
FIN 315	Financial Institutions and Markets
FIN 370	Financial Statement Analysis
or FIN 380	Financial Modeling
Three Finance Electives [1]	
Business Core Requirements	
ACG 203 & ACG 204	Principles of Financial Accounting and Principles Managerial Accounting
BUS 400	Business Policy
CIS 201	Introduction to Information Technology and Analytics
FIN 201	Financial Management
LGLS 211	The Legal Environment of Business
MGT 200	Management Principles and Practice
MGT 201	Operations Management
MKT 201	Foundations of Marketing Management
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distribution Requirements - Modes of Thought [2]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [3]	
Liberal Arts Elective	
One Elective	
Liberal Arts Minor Requirement	
Four Courses (selection is made from a variety of liberal arts disciplines) [4]	
Open Electives	
Five Electives	

[1] Must include one 400-level elective

[2] 3 credits from the required liberal arts minor may be applied to this distribution.

[3] Include 1 Lab Science. One science course must be at the 300 or 400 level.

[4] Some minors require more than 12 credits.

122 credits required for graduation

Finance Minor

Required	
FIN 312	Investments
Elective	
Select three courses:	
One or two courses at the 300-level with either a FIN or FS course number designation	
A minimum of one course at the 400-level with either a FIN or FS course number designation	
Excluded	
FIN 391	Finance Internship
FS 391	Financial Services Internship
FIN 497	Directed Study in Finance
FS 497	Directed Study in Financial Services

Financial Services Concentration

Financial Services Concentration Curriculum Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Financial Services Concentration	
FIN 312	Investments
ACG 352	Individual Taxation
FIN 315	Financial Institutions and Markets
FIN 381	Risk Management and Insurance
LGLS 412	Law of Financial Institutions
MKT 311	Consumer Behavior
Financial Services Electives	

Select four of the following: [1]	
ACG 351	Corporate Taxation
ACG 370	Personal Financial Planning
AM 451	Pension Fundamentals
FIN 311	Forecasting for Decision Making
FIN 368	Multinational Finance
FIN 370	Financial Statement Analysis
FIN 380	Financial Modeling
FIN 383	Real Estate Finance
FIN 450	Securities Analysis
FIN 454	Portfolio Management
FIN 457	Equity and Commodity Derivative Securities
FIN 458	Debt Securities, Derivatives and Investing
FIN 465	Innovations in Contemporary Finance
FIN 475	Management of Banking Institutions
FS 391	Financial Services Internship
FS 486	Securities Brokerage
FS 497	Directed Study in Financial Services
IB 386	International Investments
MKT 363	Personal Selling
Financial Planning Track [5]	
ACG 370	Personal Financial Planning [6]
ACG 352	Individual Taxation [6]
FIN 312	Investments [6]
FIN 315	Financial Institutions and Markets
FIN 381	Risk Management and Insurance [6]
MKT 311	Consumer Behavior
LGLS 412	Law of Financial Institutions
AM 451	Pension Fundamentals [6]
FS 391	Financial Services Internship [7]
Business Core Requirements	
ACG 203 & ACG 204	Principles of Financial Accounting and Principles Managerial Accounting
BUS 400	Business Policy
CIS 201	Introduction to Information Technology and Analytics
FIN 201	Financial Management
LGLS 211	The Legal Environment of Business
MGT 200	Management Principles and Practice
MGT 201	Operations Management
MKT 201	Foundations of Marketing Management
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distribution Requirements - Modes of Thought [2]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [3]	
Liberal Arts Elective	
One Elective	
Liberal Arts Minor Requirement	
Four Courses (selection is made from a variety of liberal arts disciplines) [4]	
Open Elective	
One Elective	

1. Must include one 400-level.
2. 3 credits from the required liberal arts minor may be applied to this distribution.
3. Include 1 Lab Science. One science course must be at the 300 or 400 level.
4. Some minors require more than 12 credits.
5. Students who complete the Financial Planning Track requirements above must also complete 1 additional Financial Services Elective of their choice to satisfy their degree requirements.
   Students who complete the Financial Planning Track requirements above must also complete 2 additional non-degree credit courses (Estate Planning and Financial Planning Capstone) through Bryant University's Executive Development Center (or other CFP Registered institution offering these courses) to satisfy the CFP Board of Standard's education requirements.
   Students enrolled in the Financial Planning Track will be required to successfully complete a Financial Planning Internship (under the same structure as existing Financial Services Internship FS 391).
6. Satisfies a topical area for the educational component of the CFP designation.
7. Satisfies a topical area for the educational component of the CFP designation if the context of the internship is financial planning. Faculty approval is required for counting FS 391 as a Financial Planning internship.

122 credits required for graduation

Global Supply Chain Management Program

Global Supply Chain Management Concentration

The ability to manage complex global supply chains is key to success in the modern economy. Supply chain management involves coordinating and improving the flow and transformation of goods, services, information, and funds within companies and around the world, from raw materials to the final end user. The Global Supply Chain Management Concentration is designed to provide students with an in-depth knowledge of supply chain management (SCM) as an integrative value-creating strategy for complex business-to-business networks designed to enhance global competitiveness. Students will learn a process approach to integrating the key functions of marketing, logistics, operations management, computer information systems, accounting, and finance. Our interdisciplinary course of study transcends traditional business functionality and explores relationships that create value for multiple stakeholders across functions, organizations, and nations. The GSCM minor uses a hands-on approach to expose students to a wide variety of career opportunities available in the field of supply chain management.

Students with a concentration in Global Supply Chain Management (GSCM) will be able to:

- Understand from a macro perspective how supply chain management relates to the global economy, industry competitiveness, and future challenges.
- Identify and manage supply chain dynamics and their influence on the relationships and resources within and across companies in a global supply chain environment
- Apply supply chain management concepts to improve both top-line (revenue) and bottom-line (profit) performance.
- Design, measure, and respond to key supply chain performance metrics
- Measure and assess the tradeoffs and interdependencies associated with strategic and tactical decisions regarding purchasing, materials handling, warehousing, packaging, and inventory management, with a focus on information as a substitute for inventory.
- Use supply chain technology to demonstrate how information is identified, acquired, organized, and analyzed to support critical strategic and operational management decisions in a global business environment.
- Put supply chain theory into practice through the use of hands-on simulations, exercises and problems, case studies, and consulting projects with real companies.
- Quantitatively develop strategies for global transportation and network planning, inventory decision making, and facility location planning.
- Demonstrate effective oral and written business presentations of global supply chain management issues and solutions.

To obtain a concentration in GSCM, students must earn 18 credits with a minimum GPA of 2.0. Prerequisite from the business core for all GSCM courses is MGT 201 or MGT 201G.

Global Supply Chain Management Minor

The ability to manage complex global supply chains is key to success in the modern economy. Supply chain management involves coordinating and improving the flow and transformation of goods, services, information, and funds within companies and around the world, from raw materials to the final end user. The Global Supply Chain Management (GSCM) minor is designed to provide students with a working knowledge of supply chain management as an integrative value creating strategy for complex business-to-business networks designed to enhance global competitiveness. Students will learn a process approach to integrating the key functions of marketing, logistics, operations management, computer information systems, accounting, and finance. Our interdisciplinary course of study transcends traditional business functionality and explores relationships that create value for multiple stakeholders across functions, organizations, and nations. The GSCM minor uses a hands-on approach to expose students to a wide variety of career opportunities available in the field of supply chain management.

Faculty

Professor
Teresa McCarthy
Associate Professor, Marketing; Coordinator of Global Supply Chain Management Program

Professor
Suhong Li
Professor, CIS

Professor
Christopher Roethlein
Professor, Management

Professor
John Visich
Professor, Management

Professor
Saeed Roohani
Professor, Accounting

Associate Professor
Michael Gravier
Associate Professor, Marketing

Associate Professor
Andres Ramirez
Associate Professor, Finance

Associate Professor
Angela Wicks
Associate Professor, Management

Concentration

- Global Supply Chain Management Concentration (p. 68)

Minor

- Global Supply Chain Management Minor (p. 69)

Global Supply Chain Management Concentration

Global Supply Chain Management Concentration Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Global Supply Chain Management Concentration	
GSCM 490	Empirical Applications in Supply Chain Management
Select five of the following: [1,2]	
FIN ST300	Special Topics in Finance Financing the Supply Chain
GSCM 301	Supply Chain Management Concepts
GSCM 310	Supply Chain Integration
GSCM 320	Information Technology in Supply Chain Management
GSCM 330	Basic Modeling and Analysis of Global Supply Chains
GSCM 391	Supply Chain Management Internship
GSCM 410	International Trade Logistics and Transportation

GSCM 420	Process Analysis and Improvement
GSCM 430	Global Sourcing and Supply Management
GSCM 440	Corporate Social Responsibility in the Global Supply Chain
GSCM ST400	Special Topics in GSCM Strategic Decision Making in Supply Chain Management
GSCM 497	Directed Study in Supply Chain Management
CIS 332	E-Business Models
MKT 410	Business To Business Marketing
Business Core Requirements	
ACG 203 & ACG 204	Principles of Financial Accounting and Principles Managerial Accounting
BUS 400	Business Policy
CIS 201	Introduction to Information Technology and Analytics
FIN 201	Financial Management
LGLS 211	The Legal Environment of Business
MGT 200	Management Principles and Practice
MGT 201	Operations Management
MKT 201	Foundations of Marketing Management
Liberal Arts Course Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distribution Requirements - Modes of Thought [3]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [4]	
Liberal Arts Elective	
One Elective	
Liberal Arts Minor Requirement [5]	
Four courses (selection is made from a variety of liberal arts disciplines)	
Open Electives	
Five Electives	

[1] Must include a minimum of nine (9) credits from GSCM courses.

[2] Must include one (1) 400-level GSCM course.

[3] 3 credits from the required liberal arts minor may be applied to this distribution.

[4] Include 1 Lab Science. One science course must be at the 300 or 400 level.

[5] Some minors require more than 12 credits.

122 credits required for graduation

Global Supply Chain Management Minor

Requirements

To obtain a minor in Global Supply Chain Management, students must earn 12 credits in GSCM courses with a minimum GPA of 2.0.

Required Courses	
GSCM 301	Supply Chain Management Concepts
GSCM 490	Empirical Applications in Supply Chain Management
Elective Courses	
Select two of the following:	
FIN ST300	Special Topics in Finance Financing the Supply Chain
GSCM 310	Supply Chain Integration
GSCM 320	Information Technology in Supply Chain Management
GSCM 330	Basic Modeling and Analysis of Global Supply Chains
GSCM 391	Supply Chain Management Internship
GSCM 410	International Trade Logistics and Transportation
GSCM 420	Process Analysis and Improvement
GSCM 430	Global Sourcing and Supply Management
GSCM ST400	Special Topics in GSCM Strategic Decision Making in Supply Chain Management
GSCM 440	Corporate Social Responsibility in the Global Supply Chain

Information Technology Program

Information technology continues to permeate civilization in the 21st century. It has become an integral part of human communications, business transactions, and even physical well-being with biotech research. As the applications of technology expand, there is an increasing need for people with more in-depth technology understanding and skills. The Bachelor of Science in Information Technology (B.Sc.I.T.) degree meets this need.

This academic program is positioned midway between traditional Management Information Systems (C.I.S./ M.I.S.) and computer science. C.I.S./M.I.S. addresses the application of technology in business and in human endeavor, whereas computer science is more closely associated with the creation of new technologies. The B.Sc.I.T. program encompasses significant elements of both programs and will produce graduates qualified to work in specialties such as software engineering, hardware, and operating systems.

A primary advantage of the B.Sc.I.T. over traditional computer science programs is that students will receive a strong foundation in business and will have the opportunity to apply their technical skills in a variety of areas ranging from hardware and software manufacturing to providing Web services. B.Sc.I.T. students will complete a strong program of mathematics, science, liberal arts, and 13 CIS/ IT courses. Graduates have the practical and theoretical knowledge to succeed in today's "click and mortar" businesses and to forge ahead with entrepreneurial

endeavors in support of information technologies such as digital telecommunications, voice recognition, digital security, and biotech.

Faculty

Department Chair
Dr. Richard Glass

Professor
Abhijit Chaudhury

Professor
Richard Glass

Professor
Suhong Li

Professor
Janet Prichard

Professor
Harold A. Records

Associate Professor
Kenneth Sousa

Associate Professor
Chen Zhang

Major

- Information Technology Major (p. 70)

Information Technology Major

Information Technology Major Curriculum Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Information Technology Major	
IT 221	Introduction to Computing
IT 311	Network Management and Security
IT 320	Introduction to Java Programming
IT 321	Advanced Java Programming and Data Structures
IT 330	Database Management Systems
IT 348	Computer Architecture
IT 442	Project Management and Practice
CIS 441	Systems Analysis and Information Technology Consulting
Four Information Technology Electives [1]	
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
One Humanities Historical Survey Course	
Liberal Arts Distribution Requirements	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
COM 270	Interpersonal Communication
LGLS 356	Law of the Internet
Science Requirements	
SCI 264	Physics I Introductory Physics
SCI L264	Physics I Laboratory
Two Scientific Modes of Thought [2]	
Mathematics Requirements	
MATH 110	Mathematical Analysis
MATH 201	Statistics I
MATH 228	Discrete Structures
Business Administration Minor	
ACG 203	Principles of Financial Accounting
CIS 201	Introduction to Information Technology and Analytics
FIN 201	Financial Management
MGT 200	Management Principles and Practice
MGT 201	Operations Management
MKT 201	Foundations of Marketing Management
Two Non-Business Electives	
Two Electives	
Two Business Electives	
Two Electives	

1. At least two (2) electives must be IT course designation with at least one at the 400 level. Two electives may be IT or CIS with course description at the 300 level or higher.
2. One science course must be taken at the 300 or 400 level.

122 credits required for graduation

International Business Program

Objectives

- To prepare students to become creative and responsible leaders in the global business arena.
- To cultivate a global perspective in its students. A fundamental understanding of the relevance of complex international issues related to culture, environment, legal and regulatory systems and policies, ethical norms, the role of institutions and governments, and business practices, as well as the practical skills needed to deal with those issues in business and in life.
- To provide students with the opportunity to study and/or work abroad.
- To cultivate students' understanding of the functional areas of business with special emphasis on issues and problems faced by managers of multinational businesses.
- To provide students with an in-depth understanding of one functional area of concentration.
- To prepare students for innovative problem solving in the modern global business arena.
- To equip students with an understanding of the role of technology in business, especially as it relates to the trend towards globalization.

- To prepare students to work with and lead groups of diverse individuals.
- To develop students' written and oral communication skills in English, as well as in a foreign language.
- To prepare students to function as entrepreneurs in the modern global business environment.
- To provide students with an appreciation of the arts and humanities.

Graduates of the B.S. in International Business will have a strong theoretical foundation in international business and its practical application. A global perspective, critical to success in the global business arena,will be enhanced through extensive internationally focused coursework in both business and liberal arts. Requirements of a foreign language minor as well as an international academic experience enhance this effect. In addition, Bryant's program is one of the few in the country that offers concentrations in business functions, resulting in students who have both broad exposure to international business issues as well as a depth of understanding of a particular field of business. The program also integrates many of the resources offered by The John H. Chafee Center for International Business.

Business Concentration

International Business majors are required to concentrate in a functional area of business (accounting, computer information systems, entrepreneurship, finance, global supply chain management, management, or marketing). Lists of faculty and concentration objectives can be found in the catalog under the specific departments. All courses will be described in the Course Descriptions section of the catalog.

International Business Minor

The Minor in International Business will facilitate the cultivation of a global perspective in our students, contributing to their achieving their personal best in life and business. Through a combination of two required courses that are integrated across business functions and two electives that focus on the international aspects of specific business functions, minors will develop a broader and deeper understanding of the issues faced by companies engaged in international business, as well as the application of business theory and concepts to common problems faced by these businesses. This will lead to greater international awareness and enhanced technical skills for competing and leading in the global business environment.

Faculty

Program Coordinator
Andres Ramirez, Finance
Associate Professor

Professor
Lori Coakley
Professor, Management

Professor
Lookman Buky Folami
Professor, Accounting

Professor
Suhong Li
Professor, Computer Information Systems

Professor
Hakan Saraoglu
Professor, Finance

Professor
John Visich
Professor, Management

Professor
Betty Yobaccio
Professor, Finance

Associate Professor
Diya Das
Associate Professor, Management

Associate Professor
Crystal Jiang
Associate Professor, Management

Associate Professor
Andres Ramirez
Associate Professor, Finance and Program Coordinator

Associate Professor
Srdan Zdravkovic
Associate Professor, Marketing

Majors

- International Business Major – Accounting Concentration (p. 71)
- International Business Major – Computer Information Systems Concentration (p. 72)
- International Business Major – Entrepreneurship Concentration (p. 73)
- International Business Major – Finance Concentration (p. 74)
- International Business Major – Global Supply Chain Management Concentration (p. 74)
- International Business Major – Management Concentration (p. 75)
- International Business Major – Marketing Concentration (p. 76)

Minor

- International Business Minor (p. 76)

International Business Major – Accounting Concentration

International Academic Experience	
International Study Abroad [1]	
First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
International Business: Accounting Concentration	
ACG 301	Financial Reporting I
ACG 302	Financial Reporting II

ACG 311	Cost Management
ACG 345	Accounting Information Systems
ACG 351	Corporate Taxation
or ACG 352	Individual Taxation
ACG 442	Auditing Concepts
Three Accounting Electives	
Business Core Requirements	
ACG 203	Principles of Financial Accounting
CIS 201G	Introduction to Global Information Technology and Analytics
FIN 201G	Global Dimensions of Financial Management
IB 490	International Business Practicum
MGT 201G	Global Dimensions of Operations Management
MKT 201G	Global Dimensions of Marketing
International Business Integrative Experience	
ACG 320	International Accounting
IB 356	International Business Management
MKT 368	International Marketing
FIN 368	Multinational Finance
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
LGLS 451	International Business Law
MATH 110	Mathematical Analysis
MATH 201	Statistics I
One Humanities Historical Survey Course [2]	
Liberal Arts Distribution Requirements - Modes of Thought [3,4]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [5]	
One Cultural Mode of Thought	
Liberal Arts Elective	
One Elective	
Language Minor Requirement	
Four Language Minor Courses of which students are requried to take ML XX404 (i.e.ML CH404 or ML CH405, ML FR404, ML IT404, ML SP404). [6]	

1. Within the 125 credits comprising the program distribution, the equivalent of at least 12 semester hours of credit must be taken as international study abroad except for students on an F1 Visa.
2. International focus.
3. 19 net credits 3 credits from the required Language Minor may be applied to this distribution.
4. Must include four courses with an international focus.
5. Include one Lab Science. One science course must be taken at the 300 or 400 level.
6. International Business Majors must complete a 12 credit language minor.

International Business Major – Computer Information Systems Concentration

International Academic Experience	
International Study Abroad [1]	
First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
International Business: C.I.S. Concentration	
CIS 305	Using Technology for Effective Decision Making
CIS 341	Database Management System Principles
CIS 441	Systems Analysis and Information Technology Consulting
Three Computer Information Systems Electives [2,3]	
Business Core Requirements	
ACG 203	Principles of Financial Accounting
CIS 201G	Introduction to Global Information Technology and Analytics
FIN 201G	Global Dimensions of Financial Management
IB 490	International Business Practicum
MGT 201G	Global Dimensions of Operations Management
MKT 201G	Global Dimensions of Marketing
International Business Integrative Experience	
ACG 320	International Accounting
IB 356	International Business Management
MKT 368	International Marketing
FIN 368	Multinational Finance
International Business Electives	
Select two approved courses [4]	
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
LGLS 451	International Business Law
MATH 110	Mathematical Analysis
MATH 201	Statistics I
One Humanities Historical Survey Course [5]	
Liberal Arts Distribution Requirements - Modes of Thought [6,7]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [8]	
One Cultural Mode of Thought	
Liberal Arts Elective	
One Elective	
Language Minor Requirement	

Four Language Minor Courses of which students are requried to take ML XX404 (i.e.ML CH404 or ML CH405, ML FR404, ML IT404, ML SP404). [9]	
Open Elective	
One Elective	

1. Within the 122 credits comprising the program distribution, the equivalent of at least 12 semester hours of credit must be taken as international study abroad except for students on an F1 Visa.
2. Must include one 400-level elective.
3. Can include CIS 332 or CIS 470 that can also serve as an I.B. Elective.
4. 3 credits net for CIS concentration if CIS 332 or CIS 470 is selected as both an IB and concentration elective.
5. International focus.
6. 19 net credits 3 credits from the required Language Minor may be applied to this distribution.
7. Must include four courses with an international focus.
8. Include one Lab Science. One science course must be taken at the 300 or 400 level.
9. International Business Majors must complete a 12 credit language minor.

International Business Major – Entrepreneurship Concentration

International Business Major Requirements – Entrepreneurship Concentration

International Academic Experience	
International Study Abroad [1]	
First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
International Business: Entrepreneurship Concentration	
ENT 380	Entrepreneurial Marketing
ENT 381	Entrepreneurial Finance
ENT 481	Creating a New Venture
ENT 482	Managing a New Venture
Entrepreneurship Electives	
Select two of the following:	
ACG 370	Personal Financial Planning
CIS 332	E-Business Models [2]
FIN 340	Microfinance
MKT 410	Business To Business Marketing
MKT 421	Sustainability Marketing
SOC 250SL	Community Engagement and Service Learning
SOC 362	Sociology of Innovation and Creativity
ENT 497	Directed Study in Entrepreneurship
Business Core Requirements	
ACG 203	Principles of Financial Accounting
CIS 201G	Introduction to Global Information Technology and Analytics
FIN 201G	Global Dimensions of Financial Management
IB 490	International Business Practicum
MGT 201G	Global Dimensions of Operations Management
MKT 201G	Global Dimensions of Marketing
International Business Integrative Experience	
ACG 320	International Accounting
FIN 368	Multinational Finance
IB 356	International Business Management
MKT 368	International Marketing
International Business Electives	
Select two approved courses [3]	
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
LGLS 451	International Business Law
MATH 110	Mathematical Analysis
MATH 201	Statistics I
One Humanities Historical Survey Course [4]	
Liberal Arts Distribution Requirements - Modes of Thought [5,6]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [7]	
One Cultural Mode of Thought	
Liberal Arts Elective	
One Elective	
Language Minor Requirement	
Four Language Minor Courses of which students are requried to take ML XX404 (i.e.ML CH404 or ML CH405, ML FR404, ML IT404, ML SP404). [8]	
Open Elective	
One Elective	

1. Within the 122 credits comprising the program distribution, the equivalent of at least 12 semester hours of credit must be taken as international study abroad except for students on an F1 Visa.
2. CIS 332 can also serve as an IB elective.
3. 3 credits net for ENT concentration if CIS 332 is selected as both an IB and concentration elective.
4. International focus.
5. 19 net credits 3 credits from the required Language Minor may be applied to this distribution.
6. Must include four courses with an international focus.
7. Include one Lab Science. One science course must be taken at the 300 or 400 level.
8. International Business Majors must complete a 12 credit language minor.

International Business Major – Finance Concentration

International Business Major Requirements – Finance Concentration

International Academic Experience	
International Study Abroad [1]	
First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
International Business: Finance Concentration	
FIN 312	Investments
FIN 315	Financial Institutions and Markets
FIN 370	Financial Statement Analysis
or FIN 380	Financial Modeling
Three Finance Electives [2,3]	
Business Core Requirements	
ACG 203	Principles of Financial Accounting
CIS 201G	Introduction to Global Information Technology and Analytics
FIN 201G	Global Dimensions of Financial Management
IB 490	International Business Practicum
MGT 201G	Global Dimensions of Operations Management
MKT 201G	Global Dimensions of Marketing
International Business Integrative Experience [4,5]	
ACG 320	International Accounting
FIN 368	Multinational Finance
IB 356	International Business Management
MKT 368	International Marketing
International Business Electives	
Select two approved courses	
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
LGLS 451	International Business Law
MATH 110	Mathematical Analysis
MATH 201	Statistics I
One Humanities Historical Survey Course [6]	
Liberal Arts Distribution Requirements - Modes of Thought [7,8]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [9]	
One Cultural Mode of Thought	
Liberal Arts Elective	
One Elective	
Language Minor Requirement	
Four Language Minor Courses of which students are requried to take ML XX404 (i.e.ML CH404 or ML CH405, ML FR404, ML IT404, ML SP404). [10]	
Open Elective	
One Elective	

1. Within the 122 credits comprising the program distribution, the equivalent of at least 12 semester hours of credit must be taken as international study abroad except for students on an F1 Visa.
2. One must be at 400-level.
3. Can include FIN 368 from I.B. Integrative Experience.
4. 9 credits net for the Finance concentration.
5. 3 credits from the concentration can be satisfied by FIN 368.
6. International focus.
7. 19 net credits 3 credits from the required Language Minor may be applied to this distribution.
8. Must include four courses with an international focus.
9. Include one Lab Science. One science course must be taken at the 300 or 400 level.
10. International Business majors must complete a 12 credit language minor.

International Business Major – Global Supply Chain Management Concentration

International Business Major Requirements – Global Supply Chain Management Concentration

International Academic Experience	
International Study Abroad [1]	
First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
International Business: Global Supply Chain Management Concentration	
GSCM 490	Empirical Applications in Supply Chain Management
Select five of the following: [2]	
FIN ST300	Special Topics in Finance Financing the Supply Chain
GSCM 301	Supply Chain Management Concepts
GSCM 310	Supply Chain Integration
GSCM 320	Information Technology in Supply Chain Management
GSCM 330	Basic Modeling and Analysis of Global Supply Chains
GSCM 391	Supply Chain Management Internship
GSCM 410	International Trade Logistics and Transportation [3]
GSCM 420	Process Analysis and Improvement

GSCM 430	Global Sourcing and Supply Management
GSCM 440	Corporate Social Responsibility in the Global Supply Chain
GSCM ST400	Special Topics in GSCM Strategic Decision Making in Supply Chain Management
GSCM 497	Directed Study in Supply Chain Management
CIS 332	E-Business Models [3]
MKT 410	Business To Business Marketing
Business Core Requirements	
ACG 203	Principles of Financial Accounting
CIS 201G	Introduction to Global Information Technology and Analytics
FIN 201G	Global Dimensions of Financial Management
IB 490	International Business Practicum
MGT 201G	Global Dimensions of Operations Management
MKT 201G	Global Dimensions of Marketing
International Business Integrative Experience	
ACG 320	International Accounting
FIN 368	Multinational Finance
IB 356	International Business Management
MKT 368	International Marketing
International Business Electives	
Select two approved courses [4]	
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
LGLS 451	International Business Law
MATH 110	Mathematical Analysis
MATH 201	Statistics I
One Humanities Historical Survey Course [5]	
Liberal Arts Distribution Requirements - Modes of Thought [6,7]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [8]	
One Cultural Mode of Thought	
Liberal Arts Elective	
One Elective	
Language Minor Requirement	
Four Language Minor Courses of which students are requried to take ML XX404 (i.e.ML CH404 or ML CH405, ML FR404, ML IT404, ML SP404). [9]	
Open Elective	
One Elective	

1 Within the 122 credits comprising the program distribution, the equivalent of at least 12 semester hours of credit must be taken as international study abroad except for students on an F1 Visa.

2 Must include a minimum of nine credits from GSCM courses and one 400-level GSCM elective.

3 GSCM 410 or CIS 332 can also serve as an IB elective.

4 3 credits from net from GSCM concentration if GSCM 410 or CIS 332 is selected as both an IB and concentration elective.

5 International focus.

6 19 net credits 3 credits from the required Language Minor may be applied to this distribution.

7 Must include four courses with an international focus.

8 Include one Lab Science. One science course must be taken at the 300 or 400 level.

9 International Business Majors must complete a 12 credit language minor.

International Business Major – Management Concentration

International Academic Experience	
International Study Abroad [1]	
First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
International Business: Management Concentration	
BUS 400	Business Policy
MGT 312	Human Resources Management
Four Management Electives [2,3]	
Business Core Requirements	
ACG 203	Principles of Financial Accounting
CIS 201G	Introduction to Global Information Technology and Analytics
FIN 201G	Global Dimensions of Financial Management
IB 490	International Business Practicum
MGT 201G	Global Dimensions of Operations Management
MKT 201G	Global Dimensions of Marketing
International Business Integrative Experience [4,5]	
ACG 320	International Accounting
FIN 368	Multinational Finance
IB 356	International Business Management
MKT 368	International Marketing
International Business Electives	
Select two approved courses	
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
LGLS 451	International Business Law
MATH 110	Mathematical Analysis
MATH 201	Statistics I
One Humanities Historical Survey Course [6]	
Liberal Arts Distribution Requirements - Modes of Thought [7,8]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [9]	
One Cultural Mode of Thought	

Liberal Arts Elective	
One Elective	
Language Minor Requirement	
Four Language Minor Courses of which students are requried to take ML XX404 (i.e.ML CH404 or ML CH405, ML FR404, ML IT404, ML SP404). [10]	
Open Elective	
One Elective	

1 Within the 122 credits comprising the program distribution, the equivalent of at least 12 semester hours of credit must be taken as international study abroad except for students on an F1 Visa.
2 Must include two 400-level electives.
3 Can include IB 356 from I.B. Integrative Experience.
4 9 credits net for the Management concentration.
5 3 credits from the concentration can be satisfied by IB 356.
6 International focus.
7 19 net credits 3 credits from the required Language Minor may be applied to this distribution.
8 Must include four courses with an international focus.
9 Include one Lab Science. One science course must be taken at the 300 or 400 level.
10 International Business majors must complete a 12 credit language minor.

International Business Major – Marketing Concentration

International Academic Experience	
International Study Abroad [1]	
First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
International Business: Marketing Concentration	
MKT 311	Consumer Behavior
MKT 312	Marketing Research
MKT 412	Marketing Policy and Problems
Three Marketing Electives [2,3]	
Business Core Requirements	
ACG 203	Principles of Financial Accounting
CIS 201G	Introduction to Global Information Technology and Analytics
FIN 201G	Global Dimensions of Financial Management
IB 490	International Business Practicum
MGT 201G	Global Dimensions of Operations Management
MKT 201G	Global Dimensions of Marketing
International Business Integrative Experience [4,5]	
ACG 320	International Accounting
FIN 368	Multinational Finance
IB 356	International Business Management
MKT 368	International Marketing
International Business Electives	
Select two approved courses	
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
LGLS 451	International Business Law
MATH 110	Mathematical Analysis
MATH 201	Statistics I
One Humanities Historical Survey Course [6]	
Liberal Arts Distribution Requirements - Modes of Thought [7,8]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [9]	
One Cultural Mode of Thought	
Liberal Arts Elective	
One Elective	
Language Minor Requirement	
Four Language Minor Courses of which students are requried to take ML XX404 (i.e.ML CH404 or ML CH405, ML FR404, ML IT404, ML SP404). [10]	
Open Elective	
One Elective	

1 Within the 122 credits comprising the program distribution, the equivalent of at least 12 semester hours of credit must be taken as international study abroad except for students on an F1 Visa.
2 Must include one 400-level elective.
3 Can include MKT 368 from I.B. Integrative Experience.
4 9 credits net for the Marketing concentration.
5 3 credits from the concentration can be satisfied by MKT 368.
6 International focus.
7 19 net credits 3 credits from the required Language Minor may be applied to this distribution.
8 Must include four courses with an international focus.
9 Include one Lab Science. One science course must be taken at the 300 or 400 level.
10 International Business majors must complete a 12 credit language minor.

International Business Minor

Requirements	
MGT 356	International Business Management
BUS/FIN/MGT/MKT 413	Multinational Business Simulation
Electives	
Select two of the following:	
ACG 320	International Accounting
FIN 368	Multinational Finance
GSCM 410	International Trade Logistics and Transportation
IB 386	International Investments

IB 387	Financial and Economic Developments in Latin America
MGT 357	Diversity in a Global Environment
MKT 368	International Marketing

Management Department

The Management Department oversees concentrations in Human Resource Management and Management, as well as minors in Human Resource Management and Management.

Concentration in Human Resource Management (HRM)

Objectives

- To develop skills to become proactive HR managers with an understanding of the contemporary issues and challenges in HRM including cultural, ethical, global, legal, and political considerations in HRM.
- To thoroughly understand critical human resource processes, including but not limited to staffing, performance appraisal, compensation, training and development, employment relations, collective bargaining, and dispute resolution.
- To practice effective written and oral skills consistent with the business and professional environment in the practice of HRM.
- To incorporate a global perspective in human resource management decision making.

The main purpose of the concentration in Human Resource Management is to develop students for managerial positions in the HRM area in organizations. Managing human capital in organizations has grown in importance as many firms now recognize that human capital can be a source of competitive advantage in the global marketplace. The HRM function is now considered a key to delivering outstanding organizational performance and in this context, well-trained HRM professionals are in great demand.

The HRM concentration at Bryant University provides comprehensive insight in understanding and managing human capital in local and global organizations. Students will develop a complete understanding of all the different Human Resource (HR) functions such as recruitment, selection, placement, and orientation of employees; training and career development; employment law and labor relations; management of performance appraisal, compensation, and benefit programs; and development of personnel policies and procedures for a domestic and an international work- force. Students are required to do an HR internship in an organization.

The curriculum aims to provide an integrated understanding through development of knowledge and real-world experience that will enable students to prepare for professional certification examinations such as Professional in Human Resources, Senior Professional in Human Resources, and Global Professional in Human Resources, which are offered by the Society of Human Resource Management.

Concentration in Management

Objectives

- To help students analyze the internal capabilities, structure, and culture of an organization.
- To help students develop their leadership capabilities.
- To help students become successful members and leaders of high performing teams.
- To help students understand and apply ethical standards to business decisions.
- To help students develop their entrepreneurial skills.

The main purpose of the concentration in Management is to prepare students for managerial leadership in a business environment that is characterized by continuous change in technology, increasing globalization, and growing diversity. The ability to successfully mobilize and coordinate resources in such an environment poses complex challenges to managers in modern organizations. The management program at Bryant prepares students to meet this challenge.

The management program examines the intellectual foundations underlying contemporary management practice, strives to develop the skills required to translate theory into practice, and explores the requirements for the effective management of change.

Through a wide range of courses, the program offers students an opportunity to develop administrative skills that include employee selection and development, group decision-making, project management, quality improvement, conflict management, negotiation, communication, diversity management, and motivation of the workforce. A common theme of enhancing analytical skills is integrated throughout all the courses offered by the management department.

Students have the option of developing specialized skills by choosing courses in Human Resource Management, Operations Management, International Management, or General Management. We strongly recommend that students choose to focus their coursework in one of these four areas; i.e., depth should be emphasized over breadth in course selection.

Management Minor

The increasing demand for management skills at all levels of various organizations led to the creation of a management minor at Bryant University. The objective of the minor is to allow both business and liberal arts students to gain an understanding of complex managerial issues that corporations are facing today.

Human Resource Management Minor

Students pursuing a minor in Human Resource Management explore all different facets of managing people in organizational contexts. Students will explore all the HR functions and learn about the legal implications of managing people. They will also be able to study in-depth the challenges of developing employee compensation and training policies as well as managing people in a global setting.

Faculty

Department Chair

Dr. Diya Das

Distinguished Professor
V.K. Unni

Professor
Roger L. Anderson

Professor
Madan Annavarjula

Professor
Lori Coakley

Professor
Harsh K. Luthar

Professor
Michael Roberto

Professor
Christopher Roethlein

Professor
John Visich

Professor
Shirley A. Wilson

Associate Professor
Diya Das

Associate Professor
Crystal X. Jiang

Associate Professor
Eileen Kwesiga

Associate Professor
James Segovis

Associate Professor
Angela Wicks

Assistant Professor
Kai K. Kim

Assistant Professor
Dirk Primus

Assistant Professor
Elzokbek Rustambekov

Senior Lecturer
John Poirier

Senior Lecturer
Adam Rubin

Lecturer
Lou Mazzucchelli

Lecturer
Christopher Ratcliffe

Lecturer
Mark Vozella

Concentration

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- Management Concentration (p. 79)

Minors

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- Human Resource Management Minor (p. 79)

Human Resource Management Concentration

Human Resource Management Concentration Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Human Resources Management Concentration	
MGT 312	Human Resources Management
MGT 450	Internship: Human Resources Administration [1]
MGT 464	Employment Relations
Human Resource Management Electives	
Select two of the following:	
MGT 358	Global Dimensions of Human Resource Management [2]
or MGT 380	Compensation Management
MGT 451	Human Resources Development [3]
or MGT 478	Strategic Human Resource Management SHRM
If needed, select an additional course from the lists above or below to meet the six-course requirement:	
MGT 302	Organizational Behavior
MGT 357	Diversity in a Global Environment
MGT 463	Power and Influence
ECO 463	Labor Economics
MGT 476	Team Building and Conflict Resolution
MGT 477	Women and Leadership Strategies for Success and Professional Development
Business Core Requirements	
ACG 203 & ACG 204	Principles of Financial Accounting and Principles Managerial Accounting
BUS 400	Business Policy
CIS 201	Introduction to Information Technology and Analytics
FIN 201	Financial Management
LGLS 211	The Legal Environment of Business
MGT 200	Management Principles and Practice
MGT 201	Operations Management
MKT 201	Foundations of Marketing Management

Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distribution Requirements - Modes of Thought [4]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [5]	
Liberal Arts Elective	
One Elective	
Liberal Arts Minor Requirement	
Four Courses (selection is made from a variety of liberal arts disciplines) [6]	
Open Electives	
Five Electives	

1. Can be waived at the discretion of the department chair and substituted by an approved elective from the list above.
2. At least one course from the 300 level electives.
3. At least one course from the 400 level electives.
4. 3 credits from the required liberal arts minor may be applied to this distribution.
5. Include one Lab Science. One science course must be at the 300 or 400 level.
6. Some minors may require more than 12 credits.

122 credits required for graduation

Human Resource Management Minor

Requirements

MGT 312	Human Resources Management
MGT 464	Employment Relations
Select two of the following:	
MGT 357	Diversity in a Global Environment
MGT 358	Global Dimensions of Human Resource Management
MGT 380	Compensation Management
MGT 450	Internship: Human Resources Administration
MGT 451	Human Resources Development
MGT 477	Women and Leadership Strategies for Success and Professional Development
MGT 478	Strategic Human Resource Management SHRM

Management Concentration

Management Concentration Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Management Concentration	
MGT 302	Organizational Behavior
MGT 312	Human Resources Management
Four Management Electives [1]	
Business Core Requirements	
ACG 203 & ACG 204	Principles of Financial Accounting and Principles Managerial Accounting
BUS 400	Business Policy
CIS 201	Introduction to Information Technology and Analytics
FIN 201	Financial Management
LGLS 211	The Legal Environment of Business
MGT 200	Management Principles and Practice
MGT 201	Operations Management
MKT 201	Foundations of Marketing Management
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distribution Requirements - Modes of Thought [2]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [3]	
One Liberal Arts Elective	
One Elective	
Liberal Arts Minor Requirement	
Four courses (selection is made from a variety of liberal arts disciplines) [4]	
Open Electives	
Five Electives	

1. Must include two 400-level electives.
2. 3 credits from the required liberal arts minor may be applied to this distribution.
3. Include one Lab Science. One science course must be at the 300 or 400 level.
4. Some minors may require more than 12 credits.

122 credits required for graduation

Management Minor

Requirements

To obtain a minor in Management, College of Business students must earn 12 credits in Management courses beyond the business core requirement (MGT 200, MGT 201). To obtain a minor in Management, College of Arts and Sciences students must earn 12 credits in

Management courses (see course descriptions (p.) for prerequisites). The 12 credits must be allocated as follows:

Students in the Management minor will take:

Select two of the following:	
MGT 201	Operations Management (College of Arts and Sciences only)
MGT 302	Organizational Behavior
MGT 356	International Business Management
MGT 357	Diversity in a Global Environment
MGT 358	Global Dimensions of Human Resource Management
Select two 400 level courses from the following:	
ENT 481	Creating a New Venture
ENT 482	Managing a New Venture
GSCM 301	Supply Chain Management Concepts
GSCM 440	Corporate Social Responsibility in the Global Supply Chain
MGT 461	Cases in Global Business Management
MGT 463	Power and Influence
MGT 475	Management Seminar
MGT 476	Team Building and Conflict Resolution
MGT 477	Women and Leadership Strategies for Success and Professional Development
MGT 478	Strategic Human Resource Management SHRM

Marketing Department

Concentration in Marketing

Objectives

- Identify why the customer is at the center of marketing efforts;
- Describe the marketing mix elements and explain how they are used to develop and refine effective marketing programs to reach global and domestic target markets;
- Identify the categories of external environmental factors and discuss how they influence marketing decision making;
- Recognize and discuss the various ethical issues that companies face when marketing their goods and services;
- Analyze, select, and taget market segments;
- Position products, services and/or brands for competitive advantage;
- Develop and use the marketing mix to acquire, defend and enhance the product/service/brand position;
- Use technology to quantitatively and qualitatively analyze and evaluate market opportunities and current performance to provide feedback for adjusting marketing program for optimal performance.

Marketing is a creative, dynamic, and exciting career for business leaders and professionals. Marketing is concerned with the activities that influence the flow of goods, services, and ideas between producers and consumers or organizations. Marketing is responsible for making the organization responsive to its environments, for meeting the needs of a multitude of publics, and for managing growth.

Marketing involves the identification and selection of markets, analysis of consumer and organizational needs and buying behavior, forecasting of anticipated actions, product planning and development, packaging, pricing, logistics, distribution, selling, advertising, and sales promotion.

Today, successful organizations in the profit and not- for-profit sectors are market-driven with an emphasis on creating long-term relationships. Technology and communication are forces that provide organizations access to global market opportunities, opening new and exciting avenues for business professionals.

Career opportunities in marketing are varied and may revolve around specialized areas such as advertising, public relations, sales, and marketing research. Students may also pursue careers as generalists, including marketing management, product management, and strategic planning.

Marketing Minor

The marketing minor is designed to give students a business perspective that is market-oriented. It will allow students concentrating in other business areas and in liberal arts to cultivate an understanding of key aspects in the field of marketing. Most modern organizations operate under the basic premises of marketing: customer-orientation, organizational integration and long-term orientation. Through prudent course selection, students can gain knowledge in specialized areas of marketing such as sales, advertising and research or develop a general marketing minor.

Marketing Analytics Minor

The marketing analytics minor is designed to give students the conceptual background and applied tools necessary to conduct analysis of databases of markets, consumers, or products, the results of which would be used to drive decision making in organizations. Business and policy decisions are increasingly driven 'by the numbers.' Marketing decision makers, in particular, base decisions upon hard data and often complex analysis of customers. Successful careers in marketing and a variety of other fields require a deep understanding of marketing analytics, including how to develop, interpret, and present analytics.

Sales Minor

The sales minor is designed to give students both a theoretical background and applied experience in the field of sales. A well-educated and trained professional sales force is critical to businesses' ability to provide value to their customers and effectively satisfy needs. Many students, regardless of their major or chosen profession, will be involved in selling products, services, or ideas and will have more successful careers if they understand the concepts of the selling process and can effectively apply those skills.

Faculty

Department Chair
Dr. Zrdan Zdravkovic

Professor
Carol DeMoranville

Professor
Keith B. Murray

Professor
Elaine Notarantonio

Professor
Charles J. Quigley Jr.

Associate Professor
Sharmin Attaran

Associate Professor
Stefanie Boyer

Associate Professor
Michael Gravier

Associate Professor
Teresa McCarthy

Associate Professor
Jane McKay-Nesbitt

Associate Professor
Sukki Yoon

Associate Professor
Srdan Zdravkovic

Lecturer
Sandra Potter

Lecturer
Shawn P. Scott

Concentration

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Minors

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- Marketing Analytics Minor (p. 81)
- Sales Minor (p. 82)

Marketing Analytics Minor

Marketing Analytics Minor Requirements

MKT 312	Marketing Research
MKT 412	Marketing Policy and Problems
MKT 461	Marketing Analytics
MATH 350	Statistics II
CIS 305	Using Technology for Effective Decision Making

Marketing Concentration

Marketing Concentration Requirements

First-Year Gateway Experience	
GFCL 100	Global Foundations of Character and Leadership
GFOB 100	Global Foundations of Organizations and Business
WRIT 106	Writing Workshop
IDEA 101	Bryant IDEA: Innovation and Design Experience For All
Marketing Concentration	
MKT 311	Consumer Behavior
MKT 312	Marketing Research
MKT 412	Marketing Policy and Problems
Three Marketing Electives [1]	
Business Core Requirements	
ACG 203 & ACG 204	Principles of Financial Accounting and Principles Managerial Accounting
BUS 400	Business Policy
CIS 201	Introduction to Information Technology and Analytics
FIN 201	Financial Management
LGLS 211	The Legal Environment of Business
MGT 200	Management Principles and Practice
MGT 201	Operations Management
MKT 201	Foundations of Marketing Management
Liberal Arts Core Requirements	
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
MATH 110	Mathematical Analysis
MATH 201	Statistics I
Two Humanities Survey Courses	
Liberal Arts Distribution Requirements - Modes of Thought [2]	
Two Social Science Modes of Thought	
One Historical Mode of Thought (Upper Division)	
One Literary Mode of Thought (Upper Division)	
Two Scientific Modes of Thought [3]	
Liberal Arts Elective	
One Elective	
Liberal Arts Minor Requirement	
Four Courses (selection is made from a variety of liberal arts disciplines) [4]	
Open Electives	
Five Electives	

1. Must include one 400-level elective.
2. 3 credits from the required liberal arts minor may be applied to this distribution.
3. Include 1 Lab Science. One science course must be at the 300 or 400 level.
4. Some minors require more than 12 credits.

122 credits required for graduation

Marketing Minor

Marketing Minor Requirements

To obtain a minor in marketing, students must earn 12 credits in marketing beyond the business core requirement (MKT 201) with a minimum GPA of 2.0. The 12 credits must be allocated as follows:

Required Courses	
MKT 311	Consumer Behavior
MKT 312	Marketing Research
Elective Courses	
Select two of the following:	
A maximum of one course at the 300-level	

A minimum of one course at the 400-level

Sales Minor

Sales Minor Requirements

Required Courses

MKT 363	Personal Selling
MKT 391	Marketing Internship
MKT 463	Sales Management
Select one Marketing Elective from the following:	
MKT 311	Consumer Behavior
MKT 312	Marketing Research
MKT 382	New Product Development
MKT 410	Business To Business Marketing
Select one Elective from the following:	
COM 367	Small Group Communication
COM 380	Nonverbal Communication
COM 470	Argumentation and Persuasion
GSCM 301	Supply Chain Management Concepts
GSCM 310	Supply Chain Integration
MGT 312	Human Resources Management
MGT 463	Power and Influence
PSY 353	Psychology of Personality
PSY 470	Social Psychology
PSY 486	Judgment and Decision Making

Components of Undergraduate Baccalaureate Degrees

The curriculum structure of each degree program comprises in varying degrees of these elements.

First-Year Gateway Experience

Bryant University's First-Year Gateway Curriculum is the cornerstone of Bryant's foundation program. The Gateway welcomes our newest members into our scholarly community, sets the foundation for success inside and outside of the classroom, and cultivates the qualities of character vital for leadership and for the health of a democratic society. Built around fundamental questions about the role of the individual and groups in a fast-paced, ever changing world, the Gateway provides students with a myriad of integrated and interdisciplinary opportunities to develop the cognitive, affective and behavioral skills essential to making sense of the world and their place in it. Students explore the global foundations of character and leadership, and of organizations and business. Throughout the curriculum students hone their communication skills through reflective writing assignments with faculty members as their guides. Coursework is complemented by an immersive program, the Bryant IDEA, which emphasizes experiential learning and an understanding of the innovation process. The First-Year Gateway Experience encourages students to draw meaningful connections between curricular and co-curricular experiences, apply knowledge and skills from multiple perspectives, effectively communicate ideas, and meaningfully reflect on learning experiences.

Business Core Requirements

The business core provides the student with an in-depth view of the various functional areas of business and a broad business perspective. The business core consists of an introductory course and courses selected from these business areas:

- Accounting
- Computer Information Systems
- Finance, Management, and Marketing

Business Minor Requirement

A business minor is required in all degree programs in the College of Arts and Sciences. Students may choose from the menu of available business minors, but may not apply a combined total of more than 30 credit hours of business courses to any Arts and Sciences degree program. The business minors develop basic business knowledge and skills to provide a foundation for entering a career directly following his/her undergraduate education.

Liberal Arts Minor Requirement

Business programs are enhanced by a minor in the liberal arts, emphasizing the importance of developing the whole student. A liberal arts minor is required in all business administration degree programs in the College of Business. Students may choose from the menu of available liberal arts minors. All students in the Bachelor of Science in International Business program are required to complete a language minor.

Liberal Arts Core Requirements

The liberal arts core consists of study in mathematics and statistics, economics, Literary and Cultural Studies – two writing intensive courses – and historical surveys in literature, history, and philosophy. These courses develop basic knowledge and skills and provide the foundation for advanced study in both the liberal arts and business disciplines.

Liberal Arts Distribution Requirements – Modes of Thought

The liberal arts distribution requirements are designed to provide students with exposure to various modes of thought and academic inquiry consistent with and in support of the mission of the University. The modes of thought, or methods of inquiry include literary, scientific (including a laboratory science), social science, historical, and cultural. While some areas are best filled by courses in specific departments (science courses, for example, to fill the Scientific Mode), interdisciplinary and cross-listed courses in the Bryant University catalog will allow students to fulfill the Modes of Thought component.

- Social Sciences: Study from the perspective of the social and behavioral sciences including psychology, sociology, political science, and economics.
- Historical: Study in the upper division (300-400 level) providing access to and experience with historical methodology.
- Literary: Study in the upper division (300-400 level) providing access to and experience with literary analysis and analytical writing.
- Scientific: Study in any area of natural science and scientific technology. One course must be taken in the upper division (300-400 level).

- Cultural: Study in non-U.S. cultures, U.S. minorities, foreign languages, race, ethnicity, gender, or international cultural issues. If language studies is applied to this category, courses must be at the second-semester 100-level or 200-, 300- or 400-level.

Major or Concentration Requirement

Majors and concentrations consist of a mixture of required and elective courses designed to build a foundation of knowledge in the subject area and to allow the student to explore the discipline in detail. Students pursuing a Bachelor of Science in Business Administration degree choose concentrations in one of the areas of business: Accounting, Computer Information Systems, Entrepreneurship, Finance, Financial Services, Global Supply Chain Management, Human Resource Management, Management, and Marketing. The Bachelor of Arts degree offer students the opportunity to pursue a major in Applied Psychology, Chinese, Communication, Economics, Global Studies, History, Literary and Cultural Studies, Politics and Law, Sociology, or Spanish. Students wishing to focus their studies on applied economics, mathematics, or statistics may pursue the Bachelor of Science degree with a major in Actuarial Mathematics, Applied Economics, or Applied Mathematics and Statistics. Students wishing to focus their studies in the natural science or scientific technology can choose the Bachelor of Science degree with majors in Biology or Environmental Science. Students wishing to focus their studies in the technology arena can choose the Bachelor of Science degree with a major in Information Technology. Students interested in focusing on international business and global perspectives pursue the Bachelor of Science degree with a major in International Business and select a concentration in one of seven business functional areas including Accounting, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Management, and Marketing.

Business and Liberal Arts Minors

Business and liberal arts minors provide students with an opportunity to use elective courses to develop additional depth and coherence in a specific area of business or liberal arts. Some degree programs require a minor while in others the minor is optional.

- Business minors include:
  - Business Administration, Computer Information Systems, Entrepreneurship, Finance, Global Supply Chain Management, Human Resource Management, International Business, Management, Marketing, Marketing Analytics, and Sales.
- Liberal arts minors include:
  - Africana/Black Studies, Applied Statistics, Biology, Biotechnology, Chemistry, Chinese, Communication, Economics, Environmental Science, Film Studies, French, Global Studies, History, Italian, Latin American and Latina/Latino Studies, Legal Studies, Literary and Cultural Studies, Literature, Mathematics, Media and Cultural Studies, Political Science, Professional and Creative Writing, Psychology, Sociology, Sociology and Service Learning, Spanish, and Women, Gender, and Sexuality Studies.

Electives

Elective courses are selected from a wide range of disciplines to complement the major or concentration and provide students the flexibility to pursue other areas of interest, including additional minors or dual majors or concentrations. Electives are designated as liberal arts electives or open electives. Students must select courses in the liberal arts disciplines to fulfill a liberal arts elective requirement. Open electives can be met by selecting courses from either the business or liberal arts disciplines.

University Faculty

Tenure and Tenure Track Faculty

Roger L. Anderson, Professor, Management, B.S. Augustana College; M.B.A. University of Wyoming; Ph.D. University of Oregon

Madan Annavarjula, Professor, Management, B.S. Gulbarga University, India; M.B.A. Karnatak University, India; Ph.D. Temple University

Kwadwo N. Asare, Associate Professor, Accounting, B.S. St. Francis College; M.B.A. Cornell University; M.S. McCullum Graduate School of Business; Ph.D. Bentley University

Asli Ascioglu, Professor, Finance, B.S. Middle East Technical University; M.S. Texas Tech University; Ph.D. University of Memphis

Sharmin Attaran, Associate Professor, Marketing, B.A. University of California Los Angeles; M.B.A. California State University Bakersfield; Ph.D. University of Illinois at Chicago

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David Beausejour, Professor, Accounting, B.S., M.S.T. Bryant University; J.D., Suffolk University; C.P.A.

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Shirley A. Wilson, Professor, Management, B.S. Syracuse University; M.A. University of Akron; Ph.D. Case Western Reserve University

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Financial Aid and Scholarships

At Bryant University, the Office of Financial Aid administers a wide variety of programs designed to assist students in meeting the cost of their education. Academic scholarships and need-based grants, as well as education loans and part-time student employment are among the many programs administered by the Office of Financial Aid in its ongoing effort to serve Bryant's students and their families. The entire financial aid program at Bryant University exceeds $101 million in annual volume.

All Bryant students are strongly encouraged to file a Free Application for Federal Student Aid (FAFSA) with the U.S. Department of Education, annually through www.fafsa.ed.gov (http://www.fafsa.ed.gov), regardless of their family's financial circumstances. This enables students to gain valuable and current information pertaining to eligibility for grants, loans, and work-study funds.

Introductory Note

Financial assistance is available to college students in three forms. The first is the grant or scholarship, which typically does not require repayment. The second is the education loan, which the student and/or parent is required to repay over time. Manageable repayment periods and low interest rates generally characterize these programs. The third type of financial assistance is part-time employment. In this type of program, students are paid hourly wages for working up to 20 hours per week during the school year.

Financial Aid Programs

Institutional aid, grants, and scholarships are available primarily to full-time undergraduate students at Bryant University. An undergraduate student enrolled in at least 12 credits per semester is considered full time. Although students enrolled less than full time may receive federal student aid, Bryant University funds will be awarded to full-time students only. All institutionally funded academic scholarships and need-based grants, as well as endowed scholarships funded by individual contributors, provide tuition assistance only. These funds are awarded for a maximum of eight semesters not including summer and/or winter sessions.

First-Time Freshman Academic Scholarships

Bryant University offers a range of scholarship opportunities to outstanding applicants. Scholarship recipients are selected based on a variety of considerations including high school grade point average, SAT performance (if submitted), high school class rank, student leadership and participation, etc. Scholarships are renewable for up to four consecutive years of full-time undergraduate study at Bryant University, based on academic performance requirements specified in the

scholarship letter to the student from the Office of Admission. Academic scholarships are awarded at the time of admission.

Academic Scholarships for Transfer Students

All students applying for admission to Bryant as transfer students will be reviewed for eligibility for a limited number of academic scholarships. These scholarships are renewable, provided the recipient maintains appropriate academic standing.

Special Programs

Athletic Scholarships

Bryant offers a limited number of scholarships through some of its men's and women's varsity programs. For further information, contact the Department of Athletics at (401) 232-6070.

Family Discount

When two or more siblings from the same family are simultaneously enrolled as full-time traditional undergraduates, the second student receives a tuition discount of 10 percent from the University, as long as both continue to be enrolled. Students must contact the Office of Financial Aid to apply.

Smithfield Scholarship

One full-tuition scholarship is awarded per year to the top-ranked (using weighted rank) Smithfield High School graduate who is in the top 10 percent of his/her class and has been admitted to Bryant. This scholarship is renewable for four consecutive years of full-time study if the student maintains the designated GPA.

Need-Based Grants

Institutional Grant

Grants vary in amount depending on need, and are a function of the information reported on the Free Application for Federal Student Aid (FAFSA) in any given year. These grants are considered a supplement to other sources of aid.

Federal Aid Programs

Federal Pell Grant

The Federal Pell Grant is available to eligible students wherever they attend college. An individual's award is based on a formula which takes into account the cost of attendance as well as the estimated family contribution, and enrollment status. (full, three-quarter, half and less-than-half time.) Some restrictions apply for students who already hold a bachelor's degree. After filing a Free Application for Federal Student Aid (FAFSA), all applicants for Federal Pell Grants will receive an electronic Student Aid Report (SAR) indicating eligibility.

Federal Supplemental Education Opportunity Grant (FSEOG)

These grants, designed to assist undergraduate students with proven need, are awarded with a mandatory preference for Federal Pell Grant recipients. These grants, which may range from $100 to $4,000 per year, may also be limited by program funds available to the University.

Federal Work-Study

Part-time employment opportunities are made available to students who demonstrate eligibility for federal student assistance. Hourly compensation will not be less than the current minimum wage. Wage rates are generally reflective of experience and skill level required to perform a particular task. Federal Work-Study is the only award that is not credited directly to the student's account. Students are paid by the hour on a biweekly basis. Limited funds may be available for summer Work-Study positions. The jobs may be on or off-campus depending on the availability of funds. Awards are made on the same basis as academic year awards, and a percentage of the summer earnings must be saved for the coming year's educational expenses.

Federal Perkins Loan

Selection of recipients for this federal student loan is based upon information contained in the FAFSA and funding limitations within the program at the University. Repayment of the loan, which may extend over a 10-year period, begins nine months after the borrower ceases to be enrolled at least half time. The loan bears a five percent interest rate on the unpaid balance of the principal. The interest starts to accrue at the beginning of the repayment period. Special deferment and cancellation privileges are available. Students are informed of the provisions and responsibilities associated with these loans in the first and final years of their enrollment via entrance and exit interview counseling.

Federal Direct Loan

The William D. Ford Federal Direct Subsidized Loan is a low interest loan subsidized by the federal government, which pays the accumulated interest while the student is in school. Borrowers begin repayment of both the principal and interest six months after graduation, withdrawal from school or dropping to less than half-time enrollment status. Students who are not eligible for need-based aid can borrow unsubsidized Federal Direct Loans. The student is responsible for paying all the interest on the unsubsidized loan, which accrues during enrollment and continues through repayment. The combined annual Federal Direct Loan limits (both subsidized and unsubsidized, combined) are as follows: $5,500 for the first year of undergraduate study, $6,500 for the sophomore year, and $7,500 annually for subsequent undergraduate study. Most full-time undergraduates will qualify for an additional $2,000 in the unsubsidized form of the Direct Loan. The total undergraduate subsidized loan limit is $23,000. Independent students can qualify for higher annual Federal Direct Loan amounts. Students must complete a Master Promissory Note and entrance counseling via the Web site at http://studentloans.gov to receive this loan.

Federal Direct Parent Plus Loans

The Federal Parent Plus Program allows the parents of an undergraduate under the age of 24 to borrow up to the cost of education per year minus any financial aid. This loan is similar to a personal loan in that repayment begins 60 days after receipt of the loan, which is repayable at a fixed rate of 6.31 percent. An up-front fee of 4.272 percent is assessed on all Direct Plus Loans. For further information about the loan, contact the Office of Financial Aid.

Other Programs

Army ROTC Program

Army Reserve Officers' Training Corps scholarships are available on a competitive basis to qualified Bryant students. Each scholarship recipient receives the full value of tuition per year plus an annual book allowance, academic fees, and a monthly stipend from the ROTC command. Scholarships are available for two, three, and four-year terms. In return, scholarship winners enter into a contractual arrangement with the United

States Army, agreeing to accept an Army commission as a Second Lieutenant.

The government-funded ROTC scholarship will cover the direct cost of tuition assessed by the University in both the fall and spring terms. For ROTC scholarship recipients who also reside on campus, Bryant provides institutional grant funds that cover the direct costs of room and board assessed by the University during the fall and/or spring semesters. For information regarding the amount and conditions of this supplemental fund, contact the Office of Financial Aid at (401) 232-6020.

Army ROTC Tuition Assistance

Any qualified student who enters the Army ROTC Advanced Course and agrees to accept an Army commission as a Second Lieutenant receives a tax-free stipend for each school month during the Advanced Course. This stipend is given to all ROTC Advanced Course students and is not related to the Army ROTC Scholarship Program.

National Guard Tuition Assistance

Members of the National Guard may qualify for state-sponsored tuition assistance programs. They also may qualify for Army ROTC tuition assistance benefits under provisions of the Army ROTC Simultaneous Memberships Program. Students interested in this program should contact their State Adjutant General's Office or the Bryant University ROTC Office.

Private Programs

Many private philanthropic organizations, foundations, and corporations provide scholarships, grants, loans, and employment opportunities to college students. Local sponsors of such programs include service organizations such as Rotary, Kiwanis, Lions Club, the American Legion, and parent-teacher groups. These sources can represent significant resources to the student. Federal aid applicants are obligated to report the receipt of all such awards to the Office of Financial Aid at Bryant.

State Scholarship & Grant Programs

Many states also offer financial assistance to students. These state programs are generally in the form of grants, and eligibility requirements vary among the states. Specific programs and application information on individual state programs may be obtained from the administrative state agencies themselves.

Veterans Administration Educational Benefits

There are many Veterans Administration programs available to eligible veterans and/or their dependents. Students should contact their local Veterans Administration Office Coordinator if they feel they may be eligible for assistance in any of the following categories:

1. Children, spouses, widows, or widowers of veterans who died or were permanently/totally disabled in or as a result of service in the armed forces of the United States.
2. Children of servicemen or servicewomen, missing in action, or prisoners of war for more than 90 days.
3. Qualified veterans who were on continuous active duty for at least 181 days ending after January 1, 1965, or people currently on active duty.

*Veterans or designated dependents who are 100% eligible for Chapter 33 post-9/11 benefits may qualify to participate in the Bryant University Yellow Ribbon Program.

Vocational Rehabilitation

A vocational rehabilitation program operates in every state to help disabled people return to productive activity. In certain cases, the vocational rehabilitation agency will help a disabled student pay for college expenses. If a student receives payment from Vocational Rehabilitation, Manpower Development, or from similar assistance programs, the full value of such payments must be recognized as a resource in the financial aid process.

Application Process

Forms Required

Students interested in being considered for financial aid should submit the Free Application for Federal Student Aid (FAFSA).

Free Application for Federal Student Aid (FAFSA)

All students are encouraged to complete a Free Application for Federal Student Aid (FAFSA) online at www.fafsa.ed.gov (http://www.fafsa.ed.gov) before the applicable deadline. All are required to file a new FAFSA each and every year. Do not attempt to file a 2017-2018 FAFSA prior to October 1, 2017.

Financial Aid Application Deadlines

February 15, 2017	freshmen
December 1, 2017	continuing students
January 1, 2017	transfer students

Applications for financial assistance received after the established date will be considered only after all ontime applications have been processed.

Transfer Students

Transfer students for the fall term should submit the FAFSA or Renewal FAFSA by the January 1 deadline. Transfer students should note that financial aid awards do not automatically transfer between institutions. January term transfer applicants will not be considered for an award until all required forms are received.

Part-Time Students

Undergraduate students enrolled in two courses (six credits) per semester are designated half time. They must maintain the same minimum GPA as full-time students in order to be eligible for continued financial assistance. Qualified students in this category can receive Federal Pell Grants, Federal Supplemental Educational Opportunity Grants, Federal Work-Study and/or Federal Direct Loans.

Continuing Students – Apply Every Year

Renewal of financial aid is not automatic. Recipients are required to reapply each year by the stated deadlines. The FAFSA is required.

Financial Aid Timelines

Although financial aid applications are not reviewed until the applicant is admitted to the University, students should not wait until being admitted

to apply for financial aid. If the student is considering applying for admission to Bryant University but has not yet applied, a financial aid application still must be submitted by the appropriate deadline. Financial aid applications received after the established deadlines will be placed on a waiting list and will be reviewed for University grant program eligibility only if funds remain after all on-time requests have been evaluated.

Financial aid awards will be based, in large part, upon the information contained on the FAFSA. A verification worksheet and tax transcripts may be required. The Office of Financial Aid will maintain complete confidentiality of all information. Since anyone's resources are subject to change, the Director of Financial Aid may review and revise awards based on changes in family circumstances. Discrepancies between information on the forms and income tax returns may necessitate such an adjustment.

Financial Aid Calendar*

Oct. 1, 2016	First date FAFSA may be submitted to the Department of Education. See www.fafsa.ed.gov (http://www.fafsa.ed.gov).
Nov. 1, 2016	Deadline to file FAFSA for students seeking January 2017 entrance.
Feb. 15, 2017	Deadline to file FAFSA for students seeking September 2017 entrance.
March 2017	Notification to incoming freshmen and transfer students for September 2017 entrance.
March 1, 2017	Deadline for returning students to file FAFSA to be considered for aid in 2017-2018.
April 1, 2017	Deadline for transfer students to file FAFSA to be considered for aid in 2017-2018.
May 1, 2017	Deadline for completing verification (if required) and for submitting all additional information or documents required by the Financial Aid Office for processing financial aid for September 2017 entrance.
June 2017	First mailing of financial aid notifications to continuing students for the 2017-2018 academic year.

* Dates are subject to change. Contact the Office of Financial Aid for further information.

Eligibility for Need-Based Financial Aid

Bryant University subscribes to federal and institutional guidelines regarding financial need. Students and parents have the primary responsibility to provide for a college education. Financial aid is granted to those whose family resources are less than the expenses of a college education. Most financial assistance administered by the Office of Financial Aid is based in part on the individual student's financial need. Financial need is the difference between the cost of attendance and the calculated family contribution.

Every year Bryant University receives more financial aid requests than can be fulfilled. Many applicants will request help, but regrettably some will not receive aid due to institutional funding limitations.

To be considered for need-based financial aid at Bryant a student must:

1. Have filed the Free Application for Federal Student Aid (FAFSA);
2. Be a citizen or permanent resident of the United States;
3. Be enrolled full time or be accepted for full-time enrollment in a course of study; or be enrolled part time and officially accepted as a candidate in a degree program;
4. Be making satisfactory progress toward the completion of his or her course of study;
5. Not be in default on a Federal Perkins, Stafford, or Direct Loan;
6. Not owe a refund on a Federal Pell Grant or Federal Supplemental Opportunity Grant.

- Note: If an application is selected for verification by the U.S. Department of Education or by the University, the student will also be required to submit additional application materials as well as signed copies of the parent and student 2015 federal income tax transcripts.

Independent Students

According to federal regulations, students must generally meet one of the following requirements to be considered self-supporting and independent for the academic year. Students may also be asked to submit supporting documentation to verify their status. Students must be:

1. 24 years old as of December 31 of the award year;
2. An orphan or ward of the court;
3. A veteran of the Armed Forces of the United States;
4. A graduate student or professional student;
5. Married; or
6. Have legal dependents other than a spouse.

Although there are additional criteria, students who do not meet one of the above requirements are generally considered dependent and must file all financial aid forms accordingly.

Special Circumstances

Students confronting extenuating financial circumstances not necessarily depicted on the FAFSA are encouraged to submit formal documentation describing their situation in greater detail directly to the Office of Financial Aid. This will ensure that proper consideration is given at the point the student's aid application is reviewed.

Financial Aid Packaging

Bryant University reviews on-time financial aid applications on an individual basis, making every effort to accommodate each student's financial circumstances within student eligibility and program funding limits. Aid packages might include Federal Pell Grants, Federal Supplemental Educational Opportunity Grants, State Grants, Institutional Grants and/or Scholarships, Federal Work-Study, a Federal Perkins Loan, and/or Federal Direct Loans.

Law requires students who receive outside sources of aid (i.e., private or state scholarships and grants) to notify the Office of Financial Aid. In some cases, the amount of this outside aid could affect the award offered by Bryant. Generally, students may not receive aid in excess of his or her determined need for assistance. Although Bryant recognizes the

needs of all applicants, it is not often possible to award aid to meet full need. Consequently, families may need to seek additional assistance in the form of alternative education loans or other private sources.

Maintaining Eligibility – Satisfactory Academic Progress

Generally, full-time students complete their undergraduate degree requirements in four years (eight semesters). A student may take as many as 10 semesters and still qualify for federal student aid, although after eight semesters the student will no longer be considered for institutional aid. Half-time students (six credits) will have 20 semesters to complete the degree and still remain eligible for federal aid.

To remain in good standing and eligible for financial aid, full-time undergraduate students must at least meet the following minimum standards:

Year	After...	#of Credits Earned	Cumulative GPA
Year 1	Semester 1	12	1.75
	Semester 2	24	1.75
Year 2	Semester 3	36	2.00
	Semester 4	48	2.00
Year 3	Semester 5	60	2.00
	Semester 6	72	2.00
Year 4	Semester 7	84	2.00
	Semester 8	96	2.00

A complete statement of the University's policy on satisfactory progress with regard to financial aid eligibility, including the appeal process, can be obtained from the Office of Financial Aid. (Part-time students must meet the same criteria relative to the number of credits they have attempted.)

Important Note

Often students or their parents assume they are not eligible for financial aid and, consequently, decide not to apply. Since rules, regulations, and eligibility requirements change from year to year, all students should at least apply. The time involved in completing the forms could pay a surprising dividend. Additionally, the student's eligibility status could change during his or her years in attendance. It is important to file a new application each year, regardless of the determination made in past years. A college education normally requires a financial partnership between the student and their parents that should be discussed thoroughly.

Although the Office of Financial Aid makes every effort to assist students with demonstrated financial need, there is never a guarantee that this will be accomplished. The ever-increasing cost of education inevitably results, each year, in a greater number of students in need of financial assistance. Given current funding levels of all student aid programs, available resources will seldom meet 100 percent of a student's eligibility, or need, for assistance.

Moreover, students whose applications are submitted late must expect delays in aid awards and the possibility that funds may already be depleted.

Offers of federal aid are made on the assumption that the programs will be continued and that Congress will appropriate sufficient funds. If, for any reason, one or both of these conditions are not met, it will be necessary to withdraw or alter the aid offer. The submission of an application for financial aid does not guarantee the offer of an award or that the offer, if made, will not be canceled or altered.

The Office of Financial Aid reserves the right to reduce, increase, or otherwise adjust any financial aid for which it is responsible. For further information regarding any of the above financial assistance programs, contact:

Office of Financial Aid

Bryant University 1150 Douglas Pike

Smithfield, RI 02917-1285

(401) 232-6020 or (800) 248-4036

fax: (401) 232-6293

e-mail: finaid@bryant.edu

Graduate Education

College of Arts and Sciences Graduate Degree Programs

Mission

The faculty and students of the College of Arts and Sciences Graduate Programs share the commitment to advancing the study and practice of the humanities, social sciences, mathematics, and the natural and applied sciences. We fulfill our commitment through teaching, scholarship, creative work, and outreach. In faculty and student research, we generate new knowledge. In our teaching, publications, presentations to peers, and engagements with private and public organizations, we disseminate and share our knowledge.

Master of Arts in Communication

The Department of Communication offers a Master of Arts degree in Communication with three concentrations: Health Communication, Organizational Communication, and a general M.A. degree with no designated track, which allows students to create their own specializations under the guidance of program faculty. The Master's program consists of thirty credit hours that include core courses and electives in a students' area of specialization, culminating with their choice of a master's thesis, a major research project, or comprehensive exams. Placements are available in some of the most prestigious private, non-profit, and governmental organizations in the area. Courses are offered year-round, and students can enroll on a full- or part-time basis.

In addition, the Department offers Certificates of Graduate Study (CGS) in a variety of specific and general areas of professional communication. To earn a Certificate of Graduate Study, individuals must complete a coherent set of four courses chosen under the guidance of a faculty member.

The Integrated 4+1 program offers current undergraduate students majoring in Communication (or related fields) the potential to complete an M.A. degree within one calendar year of receiving the B.A.

Admission Requirements for Master of Arts in Communication

Applications are accepted and considered at any time. There is no application deadline. To be admitted to the M.A. Communication program, prospective students must:

1. Have a bachelor's degree from an accredited institution. An official transcript is required.
2. Have earned an undergraduate GPA of at least 3.0 (on a 4.0 scale) in the Communication major or the major of some related field. Non-Communication undergraduate majors with an overall GPA of 3.0 may be admitted to the program, but must achieve a 3.0 GPA by the end of six graduate course hours. Depending on their undergraduate degree and/ or professional experience, non-Communication degree holders may be asked to take foundational coursework.
3. Submit three letters of reference, at least two of which should be academic references from individuals who can comment on the candidate's ability to be successful as a graduate student.
4. Complete an online Graduate Program admission application, http://gradschool.bryant.edu/arts-and-sciences/macom.htm
5. Submit GRE or Miller Analogies Test score, OR submit a brief essay (approximately 1,000 words) to serve as a sample of the candidate's writing.
6. If English is not a candidate's native language, he/ she must submit the writing sample. Nonnative speakers may also be required, at the discretion of the Admission Committee, to submit TOEFL scores and/or to meet with the members of the committee for a personal interview.

For more information, contact Chris R. Morse, Graduate Program Director, Department of Communication, at cmorse2@bryant.edu. (cmorse2@bryant.edu)

Master of Science in Global Environmental Studies

The Master of Science Degree in Global Environmental Studies is a 30-credit hour degree intended for graduate students interested in professional careers in the fields such as environmental management, policy making, NGO development, site assessment, toxic mitigation, renewable energy implementation, energy efficiency improvements, green building technologies, coastal planning, land use assessment, and wetlands protection. The program features a high degree of flexibility for selecting courses best fitted to a student's career plan, an emphasis on research, data analysis, and publications, opportunities for international collaboration, direct interaction with faculty scholars, and development of technical skills and certification. Te program includes collaboration with professors and students at the China University of Geosciences (CUG) at Wuhan, including study abroad opportunities for U.S. students, and a student exchange program for Chinese students. Other international experiences will be developed. A 4+1 program offers undergraduate students at Bryant the potential for completing a B.S. and M.S. degree at Bryant, with a specialty focus that will prove to be advantageous for careers n the applied environmental fields, or as preparation for further graduate studies or certification programs. In addition, the Department offers a Certificate of Graduate Study (CGS) in Sustainability Practices. To earn a Certificate of Graduate Study, individuals must complete a coherent set of four courses chosen under the guidance of a faculty member.

Admission Requirements for Master of Science in Global Environmental Studies

Applications are accepted and considered at any time (there is no application deadline). Students interested in the M.S. in Global Environmental Studies should be aware of the following considerations:

1. Applicants should have a Bachelor's Degree in environmental science or a related field, with courses in biology, chemistry, ecology, geoscience, or applied environmental science.
2. Math background should include calculus and statistics.
3. Students must have a GPA of 3.0 in their major.
4. Applicants with a Bachelor's Degree in a non-related field should provide GRE scores (Verbal, Quantitative, and Analytical Writing), and must have an overall GPA of 3.0.
5. Applicants with training outside the environmental sciences, but with professional experience in environmental management, engineering, planning, or NGO work, will receive consideration, but may be requested to provide GRE scores to augment their application package, if they did not have an undergraduate major in the sciences.
6. Provisional acceptance is possible with GPA's ranging from 2.75 to 2.90, but such candidates must have a GPA of 3.0 at the end of six credit hours after starting in the M.S. Program.

For more information, contact Bradford Martin, Interim Graduate Program Director, at bmartin@bryant.edu. (bmartin@bryant.edu)

College of Business Graduate Programs

The Graduate College of Business at Bryant University empowers its graduates with the ability to compete and excel in a dynamic business environment. Bryant's dedicated faculty equip students with the analytical, technological, and interpersonal skills required to meet the challenges of working today.

Master of Business Administration (MBA)

To meet the need for graduate education, Bryant University initiated the Master of Business Administration (MBA) graduate program in the fall of 1969. The MBA provides the theoretical framework and practical experience that enable students to lead people and effectively manage resources in a complex, global marketplace.

The educational model of the Bryant MBA enables students to move through the program as a cohesive group. Students work in small study teams, fostering strong professional bonds throughout the cohort.

Bryant offers a one-year, full-time MBA designed for students from all academic majors who have recently completed their undergraduate degree. A part-time program is available for experienced professionals seeking career advancement. This program is designed to be completed in two years (six consecutive semesters). MBA students may specialize their studies in the areas of Business Analytics, Global Supply Chain, Global Finance, or International Business.

Master of Science in Taxation (MST)

In 1978, a Master of Science in Taxation (MST) program was developed for tax practitioners to enhance their technical and theoretical knowledge. The Master of Science in Taxation (MST) is a part-time program designed for professionals who have a basic knowledge of the Internal Revenue Code and who seek in-depth knowledge of federal and state tax laws and applications. Students have the opportunity to acquire expertise in all tax areas including individual, corporate, partnerships, and trusts and estates. MST applicants should possess a strong academic record and are strongly encouraged to have at least two years of professional tax experience.

Master of Professional Accountancy (MPAc)

The Master of Professional Accountancy (MPAc) program was introduced in the summer of 2007. This innovative program was developed in partnership with the industry's top international and regional accounting firms. The MPAc has been designed to satisfy the "150 Hour Requirement" that is necessary for accounting students

to become Certified Public Accountants. The program combines advanced technical accounting classes with courses that focus on project management, research, and communication. Success in the accounting industry demands the technical competence associated with the CPA designation, in addition to the ability to work in and lead teams, to present complex information to diverse audiences, and to manage multiple projects and client relationships efficiently. This program can be completed in two semesters on a full-time basis using a summer/summer, fall/spring, spring/summer, or summer/fall option. Students may also elect to enroll in an MPAc program with a concentration in tax.

Admission Requirements for College of Business Graduate Programs

To be admitted to a Bryant University business graduate program, the applicant must be (or about to become) a graduate of an accredited four-year college or university. The admission documents include an application with a statement of objectives, a current resume, official transcripts from all colleges and universities attended, one letter of recommendation, and a competitive score on the Graduate Management Admission Test (GMAT). GMAT waivers are granted for MBA applicants who hold an earned doctorate degree. GMAT waivers are granted for MPAc applicants who have completed 60 credits or more as a Bryant University undergraduate student and achieved a cumulative grade point average (GPA) of 3.40 or greater. GMAT waivers for MST applicants are granted to those who are Certified Public Accountants or who are enrolled agents.

Academic Program Planning and Advising

Graduate programs in business are administered by the Graduate School of Business. MBA courses for the part-time program are offered in the evening to provide an opportunity for qualified professionals to obtain graduate degrees while working during the day. The one-year MBA and the MPAc courses are offered on a full-time, day schedule. Academic advisors and graduate school staff are available to assist students with the planning and selection of courses appropriate to their career goals. Students are encouraged to contact the Graduate School of Business with any questions or concerns regarding course selection and/or program planning.

Management Concepts and Skills

A one-credit, introductory course to the MBA program occurs over three days at the beginning of the semester. It is designed to provide students with an overview of the graduate experience, including case analysis, team building, and presentation skills. Students will have the opportunity to meet the graduate school staff, selected faculty, and students. A similar introductory seminar is conducted for the MPAc program which occurs over two days at the beginning of each semester.

Amica Center for Career Education for Graduate School

The Amica Center for Career Education Office offers a comprehensive range of services to graduate students. These include counseling on and assessment of career decision making as well as assistance with resume writing, interviewing, and job search strategies.

A career resource library and the Alumni Career Network can be accessed by students who are researching careers or companies, and the job source weekly publication lists immediate job openings, some of which are appropriate for graduate students.

Information

For further information about the Graduate School of Business and its programs, write, call, or fax:

- Graduate College of Business
- Bryant University
- 1150 Douglas Pike
- Smithfield, RI 02917-1284
- (401) 232-6230
- Fax: (401) 232-6494
- E-mail: gradprog@bryant.edu

Honors, Awards, and Recognitions

Alpha Kappa Delta

The international sociology honor society AKD is dedicated to the ideal of Anthropon Katamanthanein Diakonesein or “to investigate humanity for the purpose of service.” The Society promotes scholarly excellence in the study of sociology, the research of social problems, and such other social and intellectual activities as will lead to improvement of the human condition. To be eligible for membership, a student must have at least junior year standing, an overall GPA and a sociology GPA of at least 3.0, be in the top 35 percent of their class in general scholarship, and have completed at least four courses in sociology. Membership is not limited to sociology majors.

Beta Gamma Sigma

Membership in Beta Gamma Sigma is the highest national recognition a student can receive in an undergraduate or master’s program in business or management accredited by AACSB International – The Association to Advance Collegiate Schools of Business. To be eligible for membership, a student must have earned a cumulative GPA of 3.5 (cumulative GPA of 3.75 for graduate students), rank in the upper 10 percent of the junior or senior class, or upper 20 percent of the graduating master’s class. Members are elected to membership and publicly recognized during the spring term.

Chi Alpha Sigma

Bryant is one of only 60 institutions nationally to be recognized with a Chi Alpha Sigma chapter. Chi Alpha Sigma is the nation’s only student-athlete honor society. To be selected for induction, student-athletes must be juniors or seniors, hold at least a 3.4 overall GPA, earn a letter in their sports, and clearly exhibit strong personal character through a commitment to community service.

Kappa Mu Epsilon

Kappa Mu Epsilon is a specialized honor society in Mathematics. KME was founded in 1931 to promote the interest of mathematics among undergraduate students. Its chapters are located in colleges and universities of recognized standing which offer a strong mathematics major. The chapters’ members are selected from students of mathematics and other closely related fields who have maintained standards of scholarship, have professional merit, and have attained academic distinction. Students must have completed at least three college semesters and rank in the upper 35% of their class. In addition, they must have completed at least three courses in mathematics,

including at least one semester of calculus and attained an average of B or better in all mathematics courses.

Lambda Pi Eta

Lambda Pi Eta is an accredited member of the Association of College Honor Societies. It is the official communication studies honor society of the National Communication Association. To be eligible for membership, students must have completed at least 12 hours of communication courses, have a GPA of at least 3.25, and be in the upper 35 percent of the graduating class.

Mu Kappa Tau

Mu Kappa Tau (MKT) is the only marketing honor society to be recognized by the Association of Collegiate Honor Societies and is committed to the pursuit and recognition of academic excellence in marketing. MKT exists to recognize academic achievement, to encourage high ethical standards, and to advance the marketing profession. Since 1966, marketing faculty across the nation have nominated talented marketing students to join MKT. In order to qualify for membership, students must be a junior or a senior marketing major, or business concentration with a marketing minor, with a cumulative GPA of 3.25 or higher.

Mu Sigma Rho

Mu Sigma Rho is the national honorary society for statistics. Its purpose is the promotion and encouragement of scholarly activity in statistics, and the recognition of outstanding achievement among students in eligible academic institutions. To be eligible for induction in Mu Sigma Rho, a student must be a junior or senior, have completed eight semester hours of statistics courses (of which, at least five semester hours must be at the junior level or higher), have a 3.25 GPA in all statistics courses, and be in the top one third of the class in all coursework.

Omicron Delta Epsilon

Election to the Gamma Chapter of Omicron Delta Epsilon, the National Economics Honor Society, recognizes seniors who have chosen economics for their major field of concentration, have attained a cumulative average of 3.0 or higher in a minimum of four economics courses, and have received the recommendation of the economics department.

Omicron Delta Kappa

Omicron Delta Kappa is a nationally recognized leadership and honor society. Students of junior or senior standing are recognized for excellence in academics (top 35 percent of the class), athletics, community service, mass media, or the performing arts. All members are nominated by current members of the society.

Phi Alpha Theta

Phi Alpha Theta is a professional society with the mission to promote the study of history through the encouragement of research, good teaching, publication, and the exchange of learning and ideas among historians. The society seeks to bring students, teachers, and writers of history together for intellectual and social exchanges, which promote and assist historical research and publication by our members in a variety of ways. Undergraduate students must complete a minimum of 12 semester hours (four courses) in History and achieve a minimum GPA of 3.1 in History and a GPA of 3.0 or better overall. Eligible candidates must also be in the top 35 percent of their class. Membership is not limited to History majors.

Phi Sigma Iota

The Phi Sigma Iota Honor Society recognizes outstanding accomplishment in the study or teaching of any of the academic fields related to foreign language, literature, or culture. Phi Sigma Iota is the highest academic honor in the field of foreign languages. Students in the undergraduate program at Bryant pursuing a major, minor or concentration in one of the languages offered at Bryant (Chinese, French, Italian or Spanish) who have completed at least one course at the 300 level (305 or above), have completed 45 semester hours (second semester sophomore), have a minimum grade point average of 3.0 overall and a minimum grade point average of 3.5 in their language courses, and rank in the top 35% of their class will be eligible for membership.

Pi Sigma Alpha

Pi Sigma Alpha is the only national honor society for college students of political science in the United States. Founded in 1920, there are now more than 700 chapters at colleges across the country. To be eligible for membership, a student must have completed a minimum of 12 semester hours of political science courses with a minimum grade point average of 3.3 and must have an overall minimum grade point average of 3.3. Membership is not limited to Politics and Law majors.

Psi Chi

Psi Chi is the international honor society in psychology that recognizes academic excellence in psychology. To be eligible for membership, students must have an overall GPA that is in the top 35 percent of their class, have earned an overall grade point average of at least 3.0 and must have a cumulative average that is at least 3.0 in their psychology courses. Membership is limited to Applied Psychology majors who are at least juniors and have taken a minimum of nine hours of psychology.

Sigma Tau Delta

Sigma Tau Delta is the International English Honor Society. A member of the Association of College Honor Societies, it was founded in 1924 at Dakota Wesleyan University. Sigma Tau Delta's central purpose is to confer distinction upon students of the English language and literature in undergraduate, graduate, and professional studies. To be eligible for induction in the Alpha Tau Rho Chapter of Sigma Tau Delta, a student must have completed a minimum of two college courses in English language or literature beyond the usual requirements in freshman English. The candidate must have a minimum of a B or equivalent average in English and in general scholarship, must rank at least in the highest thirty-five percent of her/his class, and must have completed at least three semesters or five quarters of college course work.

President's List

Students earning a semester G.P.A. of 4.0 on at least 12 academic credits in a regular semester will be named to the President's List – an academic distinction reserved for Bryant's highest achievers.

Traditional, full-time students will be named to the President's List each regular semester after final grades have been calculated and the standards of progress have been processed.

Nontraditional, part-time students must take at least 12 academic credits over two regular semesters of coursework in the academic year and earn

a G.P.A. of 4.0 on all academic credits taken during these two semesters in order to be named to the President's List.

Nontraditional students will be named to the President's List at the end of the spring term each academic year after final grades have been calculated and the standards of progress have been processed. (Note: Special terms are included in the 4.0 calculation while at Bryant.)

Dean's List

Full-time students who have a GPA of 3.4 or better for at least 12 semester hours of work will be named to the Dean's List. Part-time students who have a GPA of 3.4 or better in the fall and spring terms combined will be named to the Dean's List at the end of the academic year.

Graduation Honors

Special recognition is accorded those who show distinction in academic achievement. Honors may be awarded on the basis of cumulative averages, as follows: Cum Laude (3.45 - 3.64), Magna Cum Laude (3.65 - 3.84), and Summa Cum Laude (3.85 - 4.0). Students must have completed 60 semester hours of work at Bryant University to be eligible for Honors.

Commencement Ceremony

Commencement ceremonies honor certified graduates and candidates for degrees who have been scheduled to complete coursework by the end of the academic year (July 31). Diplomas are issued after grade reports are completed and candidates are fully certified. Graduation honors noted on the Commencement program are based on cumulative records as of the end of the fall semester; Honors recorded on the diploma are based on finalized cumulative averages.

Bryant Symbols

The Harriet E. Jacobs Memorial Mace

Carried at Commencement and other University convocations, the mace is crowned in gold and bears the two dominant symbols of the institution: the seal of the State of Rhode Island and the seal of Bryant University. The mace was donated by E. Gardner Jacobs and his sister, Mrs. Dorothy J. Lederer, in memory of their mother, Harriet E. Jacobs.

The Bryant Seal

The Bryant Seal represents the educational mission of the University and its worldwide implications. The central symbol is an ellipsoid globe with quills on each side to signify the traditional emblem of communication in business. In the center, behind the globe, is a torch that reflects liberty, the spirit of free inquiry, academic freedom, and learning.

The Archway

The Archway, forming the background for the globe, torch, and quills, is a University landmark affectionately remembered by thousands of alumni. The Latin motto expresses the purpose of the University: Cognitio Virtus Successus – "Knowledge Character Success." The seal recognizes the achievements of the faculty in their pursuit of educational excellence.

Commencement Awards

The Achievement in Creative Expression Award

This award is presented to a graduating senior who has achieved excellence in creative expression, as demonstrated in the written, performance, film, fine or applied arts.

The Anna M. and Jere St. Angelo '61 Accounting Award (2)

These awards are presented to two graduating seniors in accounting who have demonstrated a high level of achievement, are in the top 10 percent of their class, are residents of an urban area, and will enter a career in public accounting.

Athletics Department Awards (2)

The Female Senior Scholar-Athlete of the Year Award

This award is presented to the female senior student-athlete with the highest overall grade point average.

The Male Senior Scholar-Athlete of the Year Award

This award is presented to the male senior student-athlete with the highest overall grade point average.

The Bryant University Good Citizenship Award

This award is presented to a graduating senior who has demonstrated the qualities of sincerity and vigorous industry in the interest of good citizenship and who has, by example, furthered better government both on and off campus.

The Bryant University Scholar Award

This award is presented to graduating seniors who have published, or have had an article accepted in a peer-reviewed scholarly journal while at Bryant.

The Communication Department Award

This award is presented to a graduating senior for outstanding achievement and exceptional competency in all of the contemporary communication arts.

The Computer Information Systems Department Award

This award is presented annually to a graduating senior with a concentration in computer information systems who has excelled academically, enriched his or her computer information systems education through meaningful work experience, and demonstrated an unselfish attitude toward others through active involvement in organizations, clubs, or events.

The Delta Sigma Pi Scholarship Key

This award is presented to the graduating senior with the highest cumulative academic average toward a degree in business administration or economics.

The Environmental Science Leadership Award

This award is presented to an outstanding graduating senior in environmental science who has excelled in the classroom and laboratory, exhibited leadership in initiatives for improving sustainability at the University, and shown potential for valuable contributions to the environmental field.

The Excellence in Applied Psychology Award

This award is presented to a graduating senior for outstanding achievement in the study of applied psychology.

The Excellence in Biology Award

This award is presented to a graduating senior in biology who has exhibited excellence in the classroom and research laboratory, shown care and concern about world health problems, and demonstrated a potential for outstanding contributions in the field of biological science.

The Excellence in Economics Award

This award is presented to a graduating senior with the highest grade point average in the major.

The Excellence in Marketing Award

This award is given to a student graduating with a concentration in marketing who has demonstrated outstanding scholarship and leadership in marketing, and made significant contributions to the Bryant community and the marketing program.

The George J. Kelley Award

This award is presented to a graduating senior who has completed at least 102 credits at Bryant and is recognized and honored for having the highest cumulative grade point average at the end of the fall semester.

The George M. Parks Award

This award is presented to a graduating senior whose recognized leadership qualities have significantly enhanced the reputation of the University.

The History / Social Sciences Department Awards:

- **Global Studies Award**
- **Legal Studies Award**
- **Political Science Award**
- **Sociology Award**

These awards are presented to graduating seniors for their outstanding achievement in the study of global studies, legal studies, political science, and sociology.

The Jack H. Rubens Leadership in Finance Award

This award is presented to a graduating senior who has demonstrated outstanding performance in academics, service to the finance department, and enthusiasm and leadership in extracurricular activities related to finance.

The Jack H. Rubens Leadership in Financial Services Award

This award is presented to a graduating senior who has demonstrated outstanding performance in academics, service to the finance department, and enthusiasm and leadership in extracurricular activities related to financial services.

The Jeremiah Clark Barber Award

This award is presented to the graduating senior who has shown the most consistent academic improvement resulting in Dean's list recognition.

The John Hancock Insurance Company Award (2)

This award is presented to two graduating seniors who have demonstrated superior achievement in the study of actuarial mathematics.

The Leander Francis Emin Endowed Homestead Award

This award is presented to a graduating senior who has achieved scholastic excellence in accounting. It was inaugurated by the family of Leander Francis Emin, Bryant alumnus of the class of 1907, to honor his memory and his birthplace and home – the 1708 House and the entire Emin homestead, farm, and airport – which now have become the campus of his alma mater.

The Literary and Cultural Studies Award

This award is presented to a graduating senior for outstanding achievement in, and a strong commitment to, the study of literature and cultural studies.

The Modern Languages Department Award

This award is presented to a graduate with exceptional competency in the study of a language other than English.

The Northeast Human Resources Association (NEHRA) - Management Department Commencement Award

This award recognizes three graduating seniors with a Concentration/ Major in Human Resources Management (HRM). These individuals have demonstrated academic excellence in HRM, active engagement with Human Resources practitioners, and a passion for a career in the profession

The Pell Medal for United States History Award

The medal is presented to a graduating senior who has displayed excellence in the study of United States history. The late Honorable Claiborne de Borda Pell created this medal to honor the memory of his

father, the late Herbert C. Pell, statesman and diplomat, who served the United States as Ambassador to Hungary and Minister to Portugal.

The President's List Sash

This sash is worn by a graduating senior who has achieved President's List distinction (4.0 grade point average) every semester while at Bryant.

The Reserve Officers' Training Corps Achievement Award

This award is presented to a graduating senior who has excelled in military science studies and other courses, and who has shown superior leadership potential in the military science program and in extracurricular activities.

The Rhode Island Society of Certified Public Accountants Award

This award is presented to a graduating senior who, in the opinion of the accounting faculty, has demonstrated excellence in accounting studies and intends to pursue a career in public accounting.

The Roger W. Babson Award

This award is presented to a graduating senior who has become distinguished within the University community because of character, orderly mind, sound judgment, and systematic business habits.

The SAS Institute Award (2)

This award is presented to two bachelor's degree candidates who have demonstrated superior achievement in the study of applied mathematics and statistics and have successfully completed coursework involving the application of SAS statistical software in their data analysis.

The Student Senate Service Award (6)

This award is presented to six deserving graduating seniors in recognition of their outstanding service to the student body of Bryant University. The recipients are selected by the Student Senate Service Awards Committee.

Interdisciplinary Concentrations

- American Studies Concentration (p. 97)
- Applied Analytics Concentration (p. 97)
- Social Entrepreneurship Concentration (p. 98)
- Sport Studies Concentration (p. 98)
- Women, Gender, and Sexuality Studies Concentration (p. 99)

American Studies Concentration

The American Studies Concentration is an interdisciplinary program of study that encourages a deeper understanding of the peoples and cultures of the United States and an appreciation of their place in the changing world. American Studies uses a range of materials, methodologies, and disciplinary perspectives to illuminate topics ranging from politics to popular culture. This is an 18 credit concentration. Students must have a primary concentration in the College of Business or a major in the College of Arts and Sciences. Students completing an American Studies Concentration will demonstrate the ability to:

- Analyze a wide variety of cultural and social artifacts in order to contribute to a richer understanding of the United States.
- Synthesize diverse scholarly approaches and theories in the study of the United States and its place in the world.
- Describe the diversity of "American experiences" both within and outside of the nation's geographical and political boundaries.
- Demonstrate understanding of the significance of United States culture and politics in other parts of the globe.
- Communicate research findings and interpretations clearly and effectively.

American Studies Concentration Requirements

LCS/HIS 282	Introduction to American Studies
HIS (one 300 or 400 level U.S. History course)	
POLS or ECO (one Americanist Political Science or Economics course)	
LCS (one Americanist LCS course)	
Elective (one Americanist elective from LCS, HSS, or ECO Departments)	
LCS 497	Directed Study in Literary and Cultural Studies [1]
or HIS 497	Directed Study in History

[1] One Directed Study "Senior Project" conducted with an instructor in the LCS or HIS Department.

Applied Analytics Concentration

The Applied Analytics Program at Bryant University is an 18 credit interdisciplinary concentration that provides students with a solid foundation in integrating technology and analytical methods to acquire, analyze and apply information for projects in diverse areas such as literary and historical text analysis, social media and web analytics, bioinformatics and business decision making. Applied Analytics is a second concentration that must be taken concurrently with a required primary major in the College of Arts and Sciences or concentration in the College of Business. In this manner, students not only gain exposure to, and skills in, applied analytics but they also acquire a strong foundation in their chosen discipline to provide the context in which applied analytics may be used effectively.

Objectives

- Prepare students to critically analyze problems in a variety of disciplines in liberal arts, sciences and business and to identify relevant and useful information to support the attainment of desired outcomes.
- Prepare students to think critically by drawing appropriate conclusions from examining the output of methodological applications of applied analytics.
- Prepare students to conceptualize, apply and integrate effective strategies to acquire, store, analyze and deploy information effectively.
- Prepare students to evaluate data management technologies in the context of data quality, and security and privacy regulations to determine their potential impact on information resources.
- Prepare students to build advanced analytical models for relevant application.

Applied Analytics Concentration Requirements

AA 205	Introduction to Applied Analytics
AA 304	Managing Information for Applied Analytics
AA 306	Data Mining for Effective Decision Making
AA 490	Applied Analytics Capstone
2 Elective courses from an approved list in the students' primary area of concentration [1]	

[1] No more than one course at the 200 level.

SAS Joint Certificate in Analytics

By satisfactorily completing four SAS-based analytics courses, SAS and Bryant will jointly award a certificate in analytics. These courses, which include AA 205, AA 304, AA 306, and AA 490, satisfy requirements in our Applied Analytics concentration and can be taken by students in other majors or concentrations as well.

Social Entrepreneurship Concentration

The goal of the social entrepreneurship student is to develop an understanding of the goals, practices, and strategies necessary to establish and manage a successful social enterprise. The ability to develop and implement new strategies to address domestic and global problems challenges individuals and organizations as they seek to address the most vexing problems facing the world.

Successful social entrepreneurs typically demonstrate culturally sensitive knowledge and awareness, along with an ability to organize and mobilize resources to address social needs.

The social entrepreneurship curriculum builds on the combined strengths of the College of Arts and Science and the College of Business. Students begin their education with an introduction to the sociological perspective. In this course, students examine major social institutions, and explore through community service projects, active learning and other approaches that use the sociological imagination to understand and address social issues in the U.S. and globally. Students are introduced to entrepreneurial approaches to social issues.

In their next course, students focus on key social issues - education, health care, poverty, inequality, and others - examine the sources of social problems, and evaluate how best to address these, by developing and testing measures of evaluating social innovations.

In the core management course, students learn how nonprofit organizations work and how they are distinguished from other organizational forms. This class combines coursework with presentations by leaders of some of RI's outstanding nonprofits. In the capstone course, students work with domestic and global partners on social entrepreneurship projects. Here, students apply what they have learned in their courses and further develop skills to assess these projects.

This is an 18-credit concentration. Students must have a primary concentration in the College of Business or a major in the College of Arts and Sciences. Social entrepreneurship students must:

- Understand the social problems that challenge various communities in our globalized world
- Identify how social innovations best address social problems
- Develop a set of core knowledge, skills, and dispositions that are geared to social enterprise development and evaluation

Social Entrepreneurship Concentration Requirements

Required Courses	
SOC 250SL	Community Engagement and Service Learning
SOC 351	Social Problems Social Solutions
or SOC 362	Sociology of Innovation and Creativity
SOC 460SL	Applied Seminar in Social Entrepreneurship
MGT 370	Managing the Nonprofit Organization
Elective Courses	
Select two of the following:	
FIN 340	Microfinance
LGLS 382	Not for Profit Law and Governance
SOC 391	Sociology Internship
SOC 497	Directed Study in Sociology

Sport Studies Concentration

A Sport Studies concentration allows students a close, critical and multi-faceted examination of the global phenomenon of sport. The concentration includes courses that focus on the institutional and cultural aspects of sport, the media and sport, and the embodied and physiological core aspect of sports and athletics. Fundamental to the Sport Studies concentration is the cultivation and increasing mastery of discipline based approaches to the study of sport. This is an 18 credit concentration. Students must have a primary concentration in the College of Business or a major in the College of Arts and Sciences.

Students completing the Sport Studies concentration will:

- Demonstrate knowledge of key concepts in the study of sport.
- Demonstrate an understanding of the contradictions of the phenomenon of sport.
- Develop a mastery of major concepts of a discipline based approach to the study of sport.
- Apply discipline based theories to the study of sport.
- Describe and critically analyze sport as a cultural, social, political and economic context for human interaction.

The concentration requires that a student take three courses in a specific discipline including the Capstone – that meet the learning objectives of the liberal arts minor.

Sport Studies Concentration Requirements

Required Capstone	
SPS 491	Sport Studies Senior Capstone Seminar
Foundation Courses	
Select maximum of one of the following towards the concentration:	
COM 202	Public Speaking

COM 203	Introduction to Communication
COM 260	Media Literacy
ECO 113	Microeconomic Principles
ECO 114	Macroeconomic Principles
LCS 121	Introduction to Literary Studies
LGLS 211	The Legal Environment of Business
LGLS 220	Western Legal Tradition
MATH 201	Statistics I
PSY 260	Introduction to Psychology
SCI 251	Biology I Principles of Biology
SOC 251	Principles of Sociology
Concentration Core Courses	
Select at least three of the following:	
COM 344	Sports Media Production
ECO 340	Sports Economics
LGLS 380	Sport and the Law
MATH 488	Sports Statistics (**)
PSY 481	Exercise and Sport Psychology
SOC 360	Sociology of Sport
Directed studies in a content area of student's choosing [1]	
Internships in area of student's choosing	
**Students choosing MATH 488 must have MATH 201 and MATH 350	
Related Courses	
May take a maximum of one of the following but not required:	
COM 361	Public Relations
ECO 363	Industrial Organization: American Industry
ECO 393	Managerial Economics
LCS 383	Sexuality and Culture
MATH 350	Statistics II (*)
PSY 375	Health Psychology
SCI 354	Nutrition
SCI 360	Anatomy and Physiology I
SOC 352	Sociology of Gender, Illness, and Health
Internship in area of student's choosing	
*MATH 201 is a prerequisite for MATH 350	

[1] e.g. SOC 497.

Women, Gender and Sexual Studies Concentration

Women, Gender, and Sexuality Studies Advisory Board

- Thomas Roach, *Associate Professor, English and Cultural Studies, Program Coordinator*
- N. Asli Ascioglu, *Professor, Finance*
- Jeffrey Cabusao, *Associate Professor, English and Cultural Studies*
- Maura Coughlin, *Associate Professor, English and Cultural Studies*
- Diya Das, *Associate Professor, Management*
- Amber Day, *Associate Professor, English and Cultural Studies*
- Janet Dean, *Associate Professor, English and Cultural Studies*
- Mailee Kue*, Executive Director of the Center for Diversity and Inclusion*
- Heather Pond Lacey, *Associate Professor, Applied Psychology*
- Chris R. Morse*, Associate Professor, Communication*

The Women, Gender, and Sexuality Studies Concentration is a liberal arts, interdisciplinary program that offers students the opportunity to apply a critical lens to fundamental structures of human interaction and cultural production. Students learn about current scholarship in women's history and culture, gender studies, sexuality studies, and feminist theory. Questions motivating this scholarship include: How have gender and sexuality been used as systems of social control throughout history? How have they served as catalysts for social change? Are gender and sexuality biologically determined or socially constructed? What types of messages do mass media and popular culture give us about gender and sexuality, and how do these messages influence self-identity? Using a range of disciplinary methodologies and perspectives, students develop a deeper understanding of the structures of power that shape gender and sexual identity. Students concentrating in WGSS will:

- Undertake interdisciplinary analyses of women, gender, and sexuality and communicate findings and interpretations clearly and effectively
- Demonstrate how various systems (such as gender, race, class, and sexual orientation) operate in conjunction with each other
- Explain various conceptions of gender and sexuality and indicate how these conceptions might reinforce or disrupt social structures

Required Courses	
WGS/LCS 250	Women, Gender, and Sexuality Studies
WGS 490	Women, Gender, and Sexuality Studies Seminar (capstone course)
Electives	
Select four of the following: [1]	
COM 359	The Sociological Imagination: What We See When We Watch T.V.
COM 473	Gender and Communication
HIS 263	American Women's History
HIS 368	Gender and American Culture in the 1950s
HIS 462	United States Women and World War II
LCS 383	Sexuality and Culture
LCS 464	Major Literary Figures
LCS 466	Women and the Creative Imagination
LCS/WGS 471	Friendship and Intimacy in the Age of Social Media
PSY 471	Gender in Childhood
SOC 352/352SL	Sociology of Gender, Illness, and Health
SOC 356	Sociology of Family
SOC 359	The Sociological Imagination What We See When We Watch T.V.
SOC 360/360SL	Sociology of Sport
SOC ST300	Special Topics in Sociology From Womb to Tomb A Sociological Perspective on Sexuality
WGS 491	Women, Gender, and Sexuality Studies Internship

[1] Only one at the 200 level.

Minors

A Bryant education is founded on a curriculum that balances contemporary business, traditional liberal arts, and innovative technology.

All business students must complete a liberal arts minor as part of their academic program. Combining their studies in this way allows students to develop a diverse knowledge base and provides a strong foundation for lifelong learning.

Students pursuing a degree program in the College of Arts and Sciences are required to complete a business minor.

Students pursuing a degree program in the College of Arts and Sciences may apply no more than 30 hours of credit from the College of Business to a liberal arts program.

Business Minors

- Business Administration (http://catalog.bryant.edu/undergraduate/interdisciplinaryminors/businessadministrationminor)
- Computer Information Systems (p. 63)
- Entrepreneurship (p. 64)
- Finance (p. 66)
- Global Supply Chain Management (p. 69)
- Human Resource Management (p. 79)
- International Business (p. 76)
- Management (p. 79)
- Marketing (p. 81)
- Marketing Analytics Minor (p. 81)
- Sales Minor (p. 82)

Liberal Arts Minors

- Africana/Black Studies (http://catalog.bryant.edu/undergraduate/interdisciplinaryminors/africanablackstudiesminor)
- Applied Statistics (p. 43)
- Biology Minor (p. 56)
- Biotechnology Minor (p. 56)
- Chemistry (p. 56)
- Chinese (p. 47)
- Communication (p. 19)
- Economics (p. 24)
- Environmental Science Minor (p. 57)
- Film Studies (http://catalog.bryant.edu/undergraduate/interdisciplinaryminors/filmstudiesminor)
- French (p. 48)
- Global Studies (http://catalog.bryant.edu/undergraduate/collegeofartsandsciences/departmentofhistoryandsocialsciences/globalstudies/minorstext)
- History (p. 35)
- Italian (p. 48)
- Latin American and Latina/Latino Studies (http://catalog.bryant.edu/undergraduate/interdisciplinaryminors/latinamericanlatinalatinostudiesminor)
- Legal Studies (p. 37)
- Literary and Cultural Studies Minor (p. 28)
- Literature Minor (p. 29)
- Mathematics (p. 45)
- Media and Cultural Studies Minor (p. 29)
- Political Science (p. 38)
- Professional and Creative Writing (http://catalog.bryant.edu/undergraduate/interdisciplinaryminors/professionalcreativewritingminor)
- Psychology (p. 18)
- Sociology (p. 40)
- Sociology and Service Learning (p. 40)
- Spanish (p. 48)
- Women, Gender, and Sexuality Studies (http://catalog.bryant.edu/undergraduate/interdisciplinaryminors/womengendersexualitystudiesminor)

Interdisciplinary Minors

- Africana/Black Studies (http://catalog.bryant.edu/undergraduate/interdisciplinaryminors/africanablackstudiesminor)
- Business Administration (http://catalog.bryant.edu/undergraduate/interdisciplinaryminors/businessadministrationminor)
- Film Studies (http://catalog.bryant.edu/undergraduate/interdisciplinaryminors/filmstudiesminor)
- Global Studies (http://catalog.bryant.edu/undergraduate/collegeofartsandsciences/departmentofhistoryandsocialsciences/globalstudies/minorstext)
- Latin American and Latina/Latino Studies (http://catalog.bryant.edu/undergraduate/interdisciplinaryminors/latinamericanlatinalatinostudiesminor)
- Professional and Creative Writing (http://catalog.bryant.edu/undergraduate/interdisciplinaryminors/professionalcreativewritingminor)
- Women, Gender, and Sexuality Studies (http://catalog.bryant.edu/undergraduate/interdisciplinaryminors/womengendersexualitystudiesminor)

Mission Statement / Overview

Bryant University Mission Statement

Bryant University's mission is to educate and inspire students to discover their passion and become innovative leaders of character around the world.

An Overview

Since its founding in 1863, Bryant University has been developing the knowledge and character of its students to help them achieve success in life and their chosen professions. The rigorous academic programs integrate business, liberal arts, and technology to develop the skills and critical thinking that are essential in every career. In addition to mastering academic subject matter, an international dimension and ethics are incorporated into every aspect of the Bryant experience so that graduates can lead global organizations and drive positive change.

Bryant, as an institution, has chosen to evolve over time to meet the changing needs of students and the world. Traditional core values serve as the foundation for Bryant's future. The challenging curricula will continue to define the University, even as Bryant broadens its academic

offerings to support the professional interests of new generations of students. The student-centered learning community will continue to encourage intellectual discovery inside and outside of the classroom. The University is accredited by the New England Association of Schools and Colleges (NEASC).

Bryant University prepares its undergraduate and graduate students to meet the complex demands of an interdependent society and culture. Students develop the qualities of character that are essential to personal and professional fulfillment, including integrity and personal responsibility, a global perspective, an appreciation for the arts and humanities, and entrepreneurial drive.

A Bryant education imparts *The Character of Success* in order to deliver on its enduring promise to provide students with an education that helps them achieve their goals. To support the University and better reflect the academic offerings, two colleges have been created, and the Graduate School has broadened its focus.

Faculty - Scholarly, Teaching

Bryant takes justifiable pride in the quality of its faculty. Bryant's focus is on the learning experience. Professors make a special effort to turn the classroom into a forum for the presentation and exchange of ideas. Teaching extends beyond the classroom when students and professors meet or use technology to exchange ideas or discuss matters of mutual interest.

Bryant prides itself on its student/faculty relationships. Faculty members are available for personal academic counseling and advising as an adjunct to formal programs.

The faculty maintain high standards of professionalism. They engage in original research projects; advise business, government, and industry leaders; author numerous scholarly books, articles, and conference papers; write and edit college textbooks; and conduct sponsored research for academic programs. Such diverse scholarly activities enable the faculty to stay current in and contribute to their fields of knowledge.

Class Size

Most class sizes range between 25 and 35 students. Language classes, Honors courses, and laboratories may be considerably smaller.

Communication and personal interaction are important in all phases of the educational process. At Bryant there are many opportunities for students to discuss personal, academic, and career concerns. Caring, dedicated faculty members, administrators, and counselors are available to talk with individual students in comfortable and supportive environments.

Rights and Responsibilities of Students

The rights of freedom of speech, association, thought, and privacy of the Bryant University student are the same as the rights of any other citizen. However, as a member of the University community, the student accepts certain responsibilities when he or she comes to Bryant University.

While it is impossible to list every right and responsibility, some of the more important ones are included here. Questions or concerns in this area should be directed to the Dean of Students.

Student Records

Students' academic records are maintained by the University and are a private matter between the student and the University.

Disciplinary records are held separately from academic records and are maintained solely for the use of the University. All disciplinary records are maintained by the Dean of Students. These records are not forwarded outside the University, except with the permission of the student or by judicial order. Academic records are maintained permanently.

Access to all records is limited. The guidelines and procedures for gaining access are stated under "Privacy Rights of Students."

Privacy Rights of Students

In accordance with the Family Educational Rights and Privacy Act of 1974 (FERPA), an individual enrolled at Bryant University is listed as an eligible student and any rights previously accorded to parents under the Act are transferred to the student.

Information contained in the educational record of the student may not be released without the student's written consent, except as indicated in the Act.

1. The Bryant University student has the right to inspect and review those records, files, documents, and other materials that contain information directly related to the student and which are maintained by the University, but with the following exceptions:
   a. Records of institutional, supervisory, and administrative personnel, and educational personnel that are in the sole possession of the maker, and that are not accessible or revealed to any other person except a substitute.
   b. Records that are created or maintained by a physician, psychiatrist, psychologist, or other recognized professional or paraprofessional.
   c. Confidential letters and statements of recommendation that were placed in the educational records prior to January 1, 1975.
   d. Records maintained solely for law enforcement purposes.
   e. Parents' financial records and related parental financial information.
2. Who has access to records.
   a. The student (former or present) upon presentation of proper identification.
   b. Other University officials, including faculty within the University or local educational agencies who have been determined by the responsible official to have legitimate educational interest.
   c. Officials of other schools in which the student seeks to enroll, upon condition that the student is aware of the transfer, receives a copy of the record if desired, pays the appropriate fee, and has the opportunity to challenge the content of the record.
   d. Authorized government officials as described in the Act.
   e. Authorities to whom request for financial aid has been made.
   f. State and local officials or authorities specifically required by the Act.
   g. Authorized organizations conducting studies on behalf of educational agencies, provided such studies do not disclose personally identifiable materials.
   h. Accrediting organizations.

i. Parents of a dependent student as defined in Section 152 of the Internal Revenue Code of 1954.
j. Authorized persons, if the knowledge of such information is necessary to protect the health or safety of the student or other persons.
k. Compliance with judicial order or subpoena – the student to be notified in advance of compliance.

3. Other than the routine in-office use of the record, the purpose for requesting access must be indicated.
4. The University maintains records in many media including but not limited to handwriting, print, tapes, microfilm, microfiche, and computer disks.
5. Policy on Review, Appeal, and Expungency of Record:
   a. Upon receipt of a written request to review the record, an appointment will be arranged.
   b. In the event that some item is challenged by the student, an appeal may be made, described by the particular office (e.g., in the case of an academic item, after meeting with the appropriate academic Dean, the matter may be pursued to the University Committee on Scholastic Standing for its recommendation to the Provost).
   c. A favorable decision on the appeal would result in the item being expunged.
6. Copies of Records:
   a. The student, upon payment of a $5 fee per item ($10 for a faxed copy), may obtain a copy of his or her academic transcript generated by the University.
   b. Copies of records generated from other institutions must be secured from such institutions subject to their policies.
7. Student Directory Information:
   a. Name, address, e-mail address, telephone listing, date, and place of birth.
   b. Major field of study and class schedule.
   c. Participation in officially recognized activities and sports, including weight and height of members of athletic teams.
   d. Dates of attendance.
   e. Distinguished academic performance, degrees and awards received, including dates.
   f. Most recent previous educational agency or institution attended.
   g. Photographic view or electronic images.
   h. Unless the student requests to the contrary, all of the above directory information will be published by the University as appropriate. A request not to publish must be made annually in writing to the Office of the Registrar within two weeks of the start of the fall semester.
8. The privacy of Bryant students and their parents is protected under the authority of the Family Educational Rights and Privacy Act of 1974 (P.L. 93-380) as amended (P.L.93-568), also known as the Buckley Amendment.
9. Waivers:
   a. The University cannot require eligible students to waive their rights.
   b. A student may waive the right of access to confidential statements submitted on or after January 1, 1975.
      i A student has the right to know the names of all persons making confidential recommendations. Such recommendations are used solely for the purpose for which they were intended.
      ii Waivers may not be required as a condition for admission to, receipt of financial aid from, or receipt of any other services or benefits from such agency or institution of the University.

Freedom of Association

There are a number of student organizations at the University and students are free to join those of their choice. Student organizations desiring recognition by the University must submit to the Office of Campus Engagement and the Bryant University Student Senate a proposal that includes a statement of purpose of the organization, a list of interested Bryant students, a constitution, and the name of a Bryant faculty or staff member who will serve as advisor to the group. In order to be considered for recognition by the University, all organizations must state in their constitution that membership is open to all interested students and that all organization meetings are open to the Bryant community. (The procedure for requesting recognition as a student organization can be found in The Student Handbook.)

Right to Petition

The University recognizes the right of a student or student group to initiate petitions for the consideration and action of student organizations, faculty, or the administration. Normally these petitions should be transmitted through the Student Senate to the appropriate office. The University reserves the right to refer any petition that has not come through the Student Senate to the Student Senate for consideration and recommendation.

Freedom of Speech

Bryant University supports the right of the students to traditional freedom of speech. However, each student is expected, in the exercise of these freedoms, to weigh the possible consequences of his or her actions, especially those that involve conduct that might interfere with or infringe upon the rights of others.

Freedom to Protest

Students have the right to protest. However, it is the responsibility of the University to ensure the continuation of the educational process and to share responsibility with its community for personal safety and the protection of property. No student or group of students has the right to prevent any member of the University community from performing his or her appointed duties. The University cannot condone any action that usurps or infringes upon the freedom or the rights of others, be they students, faculty, administrators, or the general public.

Interviews on Campus

Bryant University assists students in furthering their careers. The Amica Center for Career Education coordinates the on-campus interview program, using the Bryant Career Connection available to all students. Students can apply to opportunities posted by employers, and if selected by the employer, schedule an interview through BCC. The University subscribes to the open recruitment policy, which permits any legitimate corporation, business, government agency, non-profit organization or military services to interview students. The interviews fall well within the meaning of free speech, free movement, free choice of employment,

and shall not be subject to interference, restriction, or harassment by any individual or group.

Rules and Conditions of Enrollment and Rights Reserved by the University

1. An offer of admission is made to a student with the condition that he or she remains in good standing at the institution at which he or she is currently enrolled. The program of study in which he or she is engaged at the time of his or her admission must be completed to the satisfaction of Bryant University. Any change in such a program without the approval of the University or a failure to maintain a grade level acceptable to Bryant in any subject will be considered sufficient cause for review and possible revocation of the offer of admission.
2. Bills for tuition and room and board must be paid no later than scheduled due dates.
3. Students seeking to change between traditional and nontraditional student status should do so through the Undergraduate Advising Office. A request to change will be considered in response to a written student appeal that gives reasons for requesting the change and cites other activities that compete for study time. If a change is allowed, no further request will be entertained.
4. All students are responsible for damages to University property caused by their malicious or careless conduct including the University-leased laptop distributed to them.
5. Bryant reserves the right to reject any application and to dismiss without refund any student who does not comply with its rules and regulations.
6. The University reserves the right to refuse to issue a transcript of the record of any student who has not fulfilled all financial obligations due the University.
7. Students withdrawing from Bryant should file a withdrawal form with the Office of the Registrar and make an appointment with the Undergraduate Advising Office. Financial adjustments, if any, and academic standing will be determined in light of the date and reason for this official withdrawal.
8. When leaving the University, students are required to remove all personal property. At time of withdrawal/dismissal, the University-leased laptop must be returned. Any malicious or careless damage outlined in the laptop contract will be automatically charged to the student's account.
9. The University makes every effort to protect the personal property of students, but it does not hold itself responsible for losses due to carelessness or to causes over which it has no control.
10. Bryant University reserves the right to modify its tuition rates, to staff courses, to rearrange courses and class hours, to cancel courses scheduled, and to discontinue academic programs as the University deems appropriate.
11. Residence halls are closed and there is limited dining services during Thanksgiving, Christmas, spring holidays, and at such other times as the University deems necessary.

In accordance with the Student Right-to-Know and Campus Security Act of 1991, Bryant University policies and statistics regarding crime on campus may be obtained, upon request, from the Office of Admission.

Smoking Policy

There is a smoking policy in effect which significantly limits areas where smoking is permitted.

Special Programs

Community Connections Program

The Bryant University U.S. Department of State Community Connections Program provides professionals from the newly independent states of the former Soviet Union an opportunity to develop and enhance their skills in areas relevant to management and operations, and to increase their knowledge of American life and culture. The project highlights the spirit of a democratic society, the operations of a market economy, practice of private enterprises, and collaborations between private and public organizations. Participants come from Belarus and Ukraine. They have internships with local businesses, government institutions, and nonprofit agencies. In addition to these hands-on experiences, the visiting participants stay with host families to learn first-hand about American life and encourage an exchange of understanding between our two cultures. Also, Bryant University faculty lead a number of seminars on economics, history, government, and culture about the United States. As part of the program, participants visit the leading cultural and education centers of the Northeast.

The Links, Incorporated L.I.F.E. Program

The Links, Incorporated - a nonprofit organization comprising women focused on leadership, education, and service - has embarked on a program called "Linkages in International Business & Foreign Affairs Empowerment for Youth" (L.I.F.E.), which introduces high school sophomores to exciting business and professional careers. Course content includes geography, international business, foreign affairs, and multicultural relations, as well as skill building in the following areas: career planning, team building, time management, and course mapping. Participants will have many opportunities to learn from Bryant University faculty and staff, as well as local leaders from The Links, Incorporated. This program is no cost to participants and is primarily, but not exclusively, for Black/African American, Latino/a, Hispanic, Asian American, and Native American students.

PricewaterhouseCoopers Accounting Careers Leadership Institute

PricewaterhouseCoopers Accounting Career Leadership Institute (PwCACLI) is a week-long, hands-on opportunity for Latino/a and African American or Black rising high school seniors to learn more about the accounting profession and about the key role accountants play in society. Throughout the program, students work directly with Bryant University faculty, staff, and students, as well as professionals from PricewaterhouseCoopers (PwC) – the largest professional services firm in the world. The students apply the knowledge they gain in analyzing real companies and learn how to present their findings professionally.

The Women's Summit ®

The Women's Summit® at Bryant University features esteemed keynote speakers and dynamic professional and personal development workshops. Nearly 1,000 women and men from throughout New England attend this conference, held annually in March. The mission of the Women's Summit is to inspire and empower women and men so that they can advance professionally, develop personally, and provide leadership in their communities, the nation, and the world.

Student Services and Accommodations

There are times when a student needs to talk to someone about a personal, academic, or social problem. Bryant offers a variety of programs, run by professional counselors and administrators, to help students confront the challenges they may face during their college years. Counseling and guidance – whether academic, personal, religious, or career – make an essential contribution to the educational experience at Bryant.

In the Student Services section, you will find information on:

- Academic advising
- Academic Center for Excellence (Writing Center, academic services for student-athletes, international students)
- Athletics and recreation on campus
- Campus ministry
- Career education (Amica Center for Career Education)
- Center for Diversity and Inclusion
- Class size
- Clubs and organizations for students
- Computers for students (mobile computing device program)
- Counseling services
- Cultural and recreational services nearby
- Disability services
- Employment on campus for students
- Faculty
- First-year students - keys to succeed
- Health services, health insurance, health report form
- Intercultural Center
- International dimension to education
- Pride Center
- Security - Public safety
- Women's Center (Gertrude Meth Hochberg Women's Center)

Housing, jobs, and health care facilities are also important to new students. Information about these campus services is provided to students through the Office of Residence Life, the Office of Admission, the Office of Financial Aid, the Amica Center for Career Education, and the Office of Health Services.

First-Year Students

Keys and Tools to Succeed in the Bryant Community

Preparing for the future requires direct exposure to the day-to-day inner workings of the professional world. Internship opportunities and a study abroad program enable students to apply and expand the knowledge they have acquired in the classroom.

The combination of professional courses and liberal studies, on-campus study, and internships lays a firm foundation on which students can build successful careers and productive lives.

Bryant Principles and the Bryant University Pledge

Bryant believes in the importance of building community. This effort is guided by several principles that shape our shared experience. Fostering those principles helps the University prepare its students to achieve their personal best. To enter Bryant University is to become a member of a community, which is both a privilege and an opportunity. Participation in and support of this community is a responsibility shared by all. The search for community represents a process and a journey dedicated to helping students prepare for success in life and their careers. These guiding principles are:

- Bryant University is an educationally purposeful community – a place where faculty, staff, and students work together to strengthen teaching and learning on campus.
- The campus is a place where high standards of civility are set and violations are challenged. Bryant University is a community whose members speak and listen carefully to each other.
- Bryant University is a place where the sacredness of each person is honored and where diversity is aggressively pursued.
- Bryant University clearly states both its academic and social expectations. All must accept their obligations as citizens of the Bryant community and expect to be held accountable for behavior as individuals and members of groups.
- The University is a caring community where the well-being of each member is supported and where service to others is encouraged.
- The campus finds opportunities to affirm both tradition and change. Orientation, Convocation, Homecoming, Commencement, and other activities are examples of celebratory activities. Good traditions must be preserved, new ones established.

These principles are outlined in Ernest Boyer's book *Campus Life: In Search of Community* [Boyer, E.L. (1990). San Francisco: The Carnegie Commission for the Advancement of Teaching.] and form the basis of the Bryant University Pledge, which is signed by all first-year students and President Machtley. These principles represent the shared commitments of students and the institution's staff and faculty to a successful learning experience.

First-Year Success

Bryant University developed programs to welcome students into our student-centered learning community. All Bryant students are expected to be active participants in their educational process. All of the first-year programs help students master the skills necessary for achievement in college and beyond. Chief among these programs is the First-Year Gateway Experience, which encourages students to draw meaningful connections between curricular and co-curricular experiences, apply knowledge and skills from multiple perspectives, effectively communicate ideas, and meaningfully reflect on learning experiences. Orientation and Opening Weekend are designed to help students adjust to their new environment and accelerate their transition to college life. Students participate in programs and events that emphasize the core values of the institution and their role as active participants in their education.

These programs involve students in an array of activities in and out of the classroom to help them achieve their personal best in life and their chosen professions.

Mid-Term Grades for First-Year Students

Instructors of first-year students work with first-year students to alert them to potential academic issues in time to take appropriate corrective action.

Orientation

In June, the Student Affairs division coordinates a one and one-half day program for incoming students and their parents/guardians. Participants in the Orientation program register for classes, are introduced to Bryant's many services and programs, meet faculty and staff, and explore the campus. They also have the opportunity to meet and interact with their future classmates at a variety of events and programs.

Opening Weekend

The Opening Weekend is a mandatory program for first-year and transfer students that is held the weekend prior to the start of classes in the fall. It is designed to ease students' transition to university life by having them meet one another and interact with members of the faculty and staff. A variety of social activities and discussions of expectations and concerns engage students in the Bryant community and emphasize active participation in the educational process.

Student Services

Academic Advising

The Undergraduate Advising Office provides academic advising services, as well as program planning and policy information for all undergraduate students. At the start of the first year, all undergraduate students are assigned a professional academic advisor.

Through participation in academic advising students will:

- Demonstrate the ability to make effective decisions concerning their degree and career goals.
- Develop an educational plan for successfully achieving their goals and select courses each term to progress toward the completion of their undergraduate degree.
- Demonstrate an understanding of the value of higher education.
- Utilize the resources and services on campus to assist them in achieving their academic, personal, and career goals.
- Be able to accurately read and effectively utilize a degree audit in their educational planning.
- Graduate in a timely manner based on their educational plan.

Academic advising is a collaborative educational process whereby students and their advisors are partners in meeting the essential learning outcomes, ensuring student academic success, and outlining the steps for achievement of the students' personal, academic, and career goals. This advisor/student partner requires participation and involvement of both the advisor and the student as it is built over the student's entire educational experience at the University.

The Academic Center for Excellence

The Academic Center for Excellence (ACE) is dedicated to helping all Bryant University students achieve academic success. The goal at ACE is to help students become self-reliant, independent, confident learners so that they may successfully meet the demands of their chosen academic curricula. This is achieved through an internationally accredited peer tutoring program and study skills instruction by the professional staff. Group sessions are encouraged as a mode of instruction. Professional staff members, peer tutors, and faculty work together to foster a supportive learning environment.

Students with learning disabilities or ADHD can process academic accommodation requests in the Academic Center for Excellence. To receive academic accommodations, students must submit documentation that describes the nature of the learning disability to the learning specialist at ACE. Diagnostic testing that identifies the existence of the learning disability must have been completed within the past three years. The learning specialist recommends academic accommodations; however, it is incumbent upon the student to schedule an appointment with the learning specialist at the beginning of each new semester to arrange for services. Students with learning disabilities should contact the learning specialist at (401) 232-6746. For further information, please see Disability Services below.

The Writing Center

Effective written communication is essential throughout an individual's education and career. With this in mind, the Writing Center's purpose is to support students' development as writers by helping them develop their writing strengths and overcome their writing challenges. The staff views writing as a process and is prepared to assist students at all stages of that process. The Writing Center's peer writing consultants and professional staff help students with writing assignments for all courses, offering assistance in both personalized and workshop settings. They work collaboratively with students, providing advice and comments to help address students' writing concerns.

Academic Services for Student-Athletes

The Academic Center for Excellence, in partnership with the Department of Athletics, provides tailored assistance for the unique needs of student-athletes. Students in our Division I athletic programs have challenging schedules and often need additional help finding a balance between the demands of athletics and academics. ACE provides these students support with general study skills, time management and overall organization. Student-Athlete study hall requirements can be fulfilled using any of ACE's services, including tutoring, the writing center, learning specialist appointments, attendance at workshops, and time spent in the student-athlete quiet study hall as well as the student-athlete goal-based study hall. In goal-based study hall, student-athletes can work with peer tutors and writing consultants to establish goals for their studies, to get academic support in achieving these goals, and to assess and improve their study habits.

Academic Services for International Students and English Language Learners

The Academic Center for Excellence and the Writing Center offer specialized services for international students and English language learners to help them increase their academic confidence and improve their performance as Bryant students. Services include assistance with adjusting to academic life at Bryant and in the United States; taking advantage of ACE and Writing Center academic support services; navigating the variety of support services available to international students on campus; developing study skills for college success; improving written and oral language skills; and setting goals for academic improvement.

Athletics and Recreation (on campus)

Recreation and physical fitness are important ingredients of the Bryant experience. The University offers a variety of intramural programs for men and women, providing competitive recreation throughout the school

year for all students who wish to participate. These programs include basketball, dodgeball, field hockey, flag football, floor hockey, indoor/outdoor soccer, softball, team handball, volleyball, and many more.

Bryant University is a Division I member of the Northeast Conference. Men's teams compete in baseball, basketball, cross-country, football, golf, lacrosse, soccer, tennis, and indoor and outdoor track and field. Women's teams include basketball, cross country, lacrosse, soccer, softball, swimming and diving, tennis, indoor and outdoor track and field, and volleyball. Field hockey and men's swimming and diving compete as Division I members of the Metro Atlantic Athletic Conference. Club sports include: bowling, cheerleading, women's crew, dance, men's ice hockey, karate, racquetball, men's and women's rugby, squash, Ultimate Frisbee, and men's volleyball.

Campus Ministry

The chaplains in Campus Ministry address the spiritual needs of Bryant students and staff. Protestant, Catholic, and Jewish chaplains are available to serve as sources of support, guidance, and spiritual development for all members of the University community.

Students can join the InterVarsity Christian Fellowship or Hillel, the Jewish-student organization. The student pastoral council members assist the Catholic chaplain in his ministry. Worship services are as follows: Catholic Mass is celebrated on Sunday evenings and weekdays, Jewish services are held on Friday evenings, and Protestant services are held on Sunday evenings.

Amica Center for Career Education

The Amica Center for Career Education offers a full range of career development and planning services for students including:

- Individual career coaching on all topics pertaining to choosing a major, finding an internship, applying to graduate school, or securing a full-time opportunity.
- Career planning courses to assist you with choosing a major and/or career path.
- Shadow Program, matching you with an alum for a day in the workplace.
- Campus recruiting program including the Bryant Career Connection - a job board for both internships and full-time opportunities.
- Three annual Career Fairs with more than 150 employers attending.
- Specialized programs, company site visits, and alumni networking opportunities.

We encourage students to visit the Amica Career Center as early as freshman year to get started with:

- Utilizing career assessment tools
- Writing a college resume
- Creating a LinkedIn profile
- Finding an internship

Stop by our office, or call (401) 232-6090 or email career@bryant.edu to learn more about resources and services provided.

The opportunity to utilize the Amica Center for Career Education continues after graduation. Career counseling is available to alumni who are changing careers and are in need of assistance. The Job Source, a listing of full-time available jobs, is published weekly, for interested alumni.

Alumni are also invited to attend the many workshops and programs offered by the Amica Center for Career Education.

The Center for Diversity and Inclusion

The Center for Diversity and Inclusion (CDI) brings leadership, vision, integrity, and a team-oriented philosophy to the diversity and inclusion efforts at Bryant University. The CDI is responsible for leading the University on matters of equity, diversity, and inclusion and will educate the campus community regarding the importance and advantages of a culture that values and supports each member of our community.

The Center for Diversity and Inclusion comprises the professional and paraprofessional staff of the Gertrude Hochberg Women's Center, the Intercultural Center, Disability Services, The PRIDE Center, and Campus Ministries/Faith and Spirituality. The CDI staff partners with the Office of International Student and Scholar Services, which reports to the Vice President for International Affairs, to provide support and services to international students.

Computers for Students - Mobile Computing Device Program

Incoming full-time students will receive, as part of their tuition, a state-of-the-art mobile computing device for use on and off campus, which will be theirs to keep upon graduation.

The Student Helpdesk (a.k.a. Laptop Central), is located in the Bello Center, in an area behind the Reference Desk (enter hallway to left of Reference Desk). Laptop Central is the main point of contact for all students when they have issues or questions regarding their mobile device, use of University websites, network, or any other technology needs. As an officially certified repair center, it can provide same-day service for repairs since most replacement parts are housed on-site. Hours of operation: M-Th, 10 am to 7 pm, Fri, 10 am to 4:30 pm, and Sun, 12 to 6 pm.

Technicians in Laptop Central also provide support for the Residence Hall computer network.

Wireless connectivity is available throughout the entire campus.

Counseling Services

Counseling provided by Bryant's Office of Counseling Services is short-term and focuses on the normal developmental issues of the college years. All counseling discussions are kept confidential within professional and legal limits, and records are not released to any other University department. Individuals experiencing more serious emotional concerns or requiring ongoing or specialized therapy are referred to off-campus mental health professionals.

Cultural and Recreational Activities (nearby)

Bryant University is ideally situated so that students can benefit from the intellectual, cultural, and social opportunities of New England.

Just 12 miles from the campus, Providence is one of the largest cities in New England. For over two centuries it has been a social, intellectual, and artistic center of Rhode Island and New England. Brown University,

Rhode Island School of Design, and Providence College are located in Providence.

Bryant University students have many opportunities for cultural and artistic experiences. The Rhode Island School of Design Museum and several other galleries offer collections of art treasures. The Rhode Island Philharmonic Orchestra, the Rhode Island Festival Ballet, and Trinity Repertory Company present programs of outstanding artistic merit. The nationally acclaimed Providence Performing Arts Center presents a wide assortment of Broadway shows, and Providence's civic and convention centers host attractions ranging from college basketball and professional hockey to rock concerts and festivals.

Students who attend summer sessions can take advantage of Rhode Island's many famous summer resorts. The University is less than an hour's drive to Narragansett Pier and Watch Hill, with their miles of sandy beaches. Newport, noted for its music festivals, scenic ocean drives, and elegant mansions, is only 40 miles away. Boston, less than an hour away, is the home of internationally famous universities, high tech industries along Route 95/128, and exceptional cultural and recreational attractions from the Red Sox, Patriots, Celtics, and Bruins to the Boston Symphony Orchestra and Museum of Fine Arts.

Disability Services

Bryant University supports students who self-identify with disabilities and provide documentation of their disability from an appropriate source. Bryant University professional staff members serve as advocates for students with disabilities and assist them in achieving equal access to all University programs and services. If you have any disabilities that may require accommodations, it is your responsibility to contact the designated office:

For Physical Disabilities

- Contact Judy Farrell, RNP, Advisor to Students with Disabilities in Health Services at (401) 232-6220;
  TDD: (401) 231-2860; E-mail: jfarrell@bryant.edu. (jfarrell@bryant.edu)
- Individuals with permanent or temporary physical disabilities who wish to obtain handicapped parking passes should contact the Department of Public Safety (401) 232-6001.

For Psychiatric or Psychological Disabilities

- Contact William Phillips, the Director of Counseling Services at (401) 232-6045.

For Learning Disabilities or ADHD

- Contact Marie Saddlemire, the Assistant Director, Academic Center for Excellence (ACE), Aceess Services, at (401) 232-6746. Students with learning disabilities or ADHD submit documentation and request academic accommodations through ACE. Comprehensive documentation, completed within the past three years, must address the current impact of disability of the student's academic performance. Bryant's Guidelines for Documentation may be accessed online. It is the student's responsibility to schedule an appointment in ACE at the start of each semester to discuss accommodation requests.

Employment for Students

The Office of Financial Aid provides students and their families counseling regarding financial assistance to meet college expenses. This office also administers the University's scholarship, grant, and loan programs. Refer to the financial aid section for information.

Student employment opportunities assist students seeking part-time employment to defray the incidental costs of attending college. Student working on campus earn approximately $1,600 annually, on average.

Full-time undergraduate students with work-study awards who show financial need are given priority for on-campus employment. Students are paid an hourly wage (not less than the current mandatory minimum) that reflects the skills and experience required to do the job.

The library, athletic department, dining halls, and faculty and administrative offices are among the departments hiring work-study students. These employment experiences can serve as valuable experience in the career planning process.

The Office of Financial Aid also helps full-time undergraduate students to secure part-time employment off campus by locating and developing job opportunities for work-study eligible students. A limited number of positions in nonprofit agencies are available to students who qualify for Federal Work-Study funding. Working hours are organized around each student's daily academic schedule. The office also provides listings of summer employment.

Health Services

Bryant University Health Services is a nurse practitioner-directed program. Located on the first floor of Residence Hall 16, it is staffed by a part-time physician, certified family nurse practitioners, and health educators.

Health Services provides a variety of health education and wellness programs, treatment of illnesses and injuries, and women's health care. All health care and medical records are considered confidential.

For more extensive health problems, Health Services maintains a comprehensive referral list of physicians, dentists, and hospitals. Except in emergency situations, transportation to off-campus health care is not provided.

Health Insurance

The University requires that all students provide documentation of health insurance. Course registration cannot be completed without this information. Low cost accident and illness insurance is available for all students who wish to purchase it. Information about this insurance can be obtained at the Health Services Office. Upon graduation, gap health insurance is available as an option to graduating students in need of continuing health coverage on a month to month basis. Contact the Controller's Office for further information.

Health Report Form for Students

The University requires that each student have a complete, up-to-date medical history form on file in the Health Services Office. The form must include documentation of health insurance carrier's name, address, and policy number; proof of immunization against measles, mumps, rubella, tetanus, diphtheria, hepatitis B, and varicella (chicken pox); a tuberculosis test; and certification of a complete physical examination within one year prior to entrance to the University. Once the commitment deposit for enrollment has been received, students must go online to my.bryant.edu, click on the Medicat logo, and download Medical

History forms. They must be completed by a health care provider and mailed or faxed back before moving onto campus.

Intercultural Center

The Intercultural Center (ICC) is the center for education on international and multiethnic issues at Bryant. The mission of the Intercultural Center has evolved and broadened since its creation in 1977 when it served the needs of a small, primarily Black student population. The ICC currently supports international students from more than 50 countries and domestic students of color from all over the U.S. by serving as advocates for them in their educational pursuits.

The professional educators who staff the center collaborate with faculty and administrative departments, and counsel students. The office creates programs and events for the entire campus to enhance appreciation for and awareness of cultural diversity within the Bryant community. The ICC is also responsible for compliance with immigration regulations for undergraduate and graduate F-1 visa students and staff members serve as the advisors to the Multicultural Student Union and the International Student Organization.

The primary programs of the ICC are 4MILE@ Bryant (Multicultural and International Leadership Experience), Cultural History Month celebrations, Global Community Hour and Global Community Building, and the annual ICC Senior Awards Banquet.

An International Dimension

In addition to the International Business degree, academic departments offer student programming on international topics. There are also undergraduate study abroad and international internship opportunities. Out of the classroom, a variety of forums and programs focusing on international themes are regular parts of the international experience at Bryant University. Students and faculty at Bryant University are geographically diverse. Representing more than 30 countries, they bring the benefits of a wide range of backgrounds to Smithfield.

Pride Center

The Pride Center, a part of the Center for Diversity and Inclusion, is located on the second floor of the Fisher Student Center and is open to students, faculty, and staff of all identities to explore issues relating to gender and sexuality. Our Center offers training in the nationally recognized Safe Zone program to nurture a more open, affirming, and safe university community for LGBTQ-identified individuals and their allies. Additionally, the Pride Center offers a variety of resources to the Bryant and local communities. Stop by for literature or information about hotlines, programs, organizations, and/or films related to gender and sexuality issues. Email pridecenter@bryant.edu for hours and more information.

Security - Public Safety

Bryant's campus is a secure place to live. Campus security measures include call boxes that dispatch calls directly to Public Safety. Public Safety officers are on duty 24 hours a day, seven days a week. Residence hall exterior doors are locked at night, only accessible to students. Individual key locks are on the door of each room. Visitors are checked in on weeknights and throughout the weekend.

Women's Center (The Gertrude Meth Hochberg Women's Center)

Named after Bryant's first woman vice president, The Hochberg Women's Center plans, organizes, and communicates activities that educate students on women's issues. It also creates a safe environment for women on this campus. It provides resources such as books, periodicals, magazines, and tapes on diverse topics and issues concerning women, and is a place for students, faculty, and staff to stop by and relax, study, meet, or just chat. The Hochberg Center is an important service that works for gender equity on the Bryant University campus. Through collaboration with faculty and other departments at the University, the Hochberg Center strives to educate the community on a variety of topics that affect the overall well-being of women on campus.

One of the major events of the Hochberg Women's Center is the celebration in March of Women's History Month, called "Herstory" at Bryant.

Student Housing/Residence Life

Bryant offers resident students a wide range of housing options, from suite-style living, to townhouse apartments, to the traditional residence halls of the First Year Complex.

Housing is limited to full-time undergraduate students, i.e. those taking 12 credit hours or more per semester. Exceptions will be reviewed by the Director of Residential Education. Housing for graduate students is on a space availability basis.

Under the leadership of the Director of Residential Education and Assistant Director of Residence Life, trained student Resident Assistants staff all residence halls. Both the student and the professional staff help students resolve personal and residence related concerns. In the First Year Complex, Residence Hall 16, the Suite Village, and the Townhouses, a live-in Resident Director oversees the activities of Resident Assistants, and is responsible for the well-being of the resident students.

Community living requires that large numbers of students observe the rights of others living in close proximity. Thus, there are specific regulations listed in The Student Handbook pertaining to those students living in University residence halls.

First Year Complex

Tailored specifically to meet the social and academic needs of new students, the First Year Complex consists of two modern residence halls linked by a large plaza, and they house approximately 300 students each. Live-in Resident Directors supervise the activities of eight Resident Assistants and coordinate diverse programming efforts.

Suite Village

Open to upperclassmen, the Village consists of 13 four-story brick residence halls accommodating 1,100 students. Each suite consists of a living room, bathroom, and three double bedrooms. There are a small number of two- and four-person suites.

Residence Hall 16

Hall 16 houses Health Services along with 276 first-year and upper-class students. Suites generally consist of a living room, a bathroom, and four double bedrooms. A live-in Resident Director and seven Resident

Assistants provide programming and services to encourage a community of academic and personal growth.

Residence Hall 17

Residence Hall 17 is a 194-bed, five-story suite-style residence. Eighteen suites accommodate six students in three double rooms while 13 suites accommodate seven students in two double rooms and one designed triple room. Each suite also has a common living room and common bathroom. There is a study lounge and social lounge on each of the second through fifth floors. The first floor serves as a common area for the building and the entire Suite Village and is equipped with a café/dining area, a living room/lounge and multifunction room. The building is handicapped accessible and includes an apartment and office for a professional Residence Life Staff Member.

Townhouse Apartments

Most seniors live in the two-story townhouse apartments, which consist of single and double bedrooms, two bathrooms, living room, dining area, and fully-equipped kitchen. While each apartment has complete cooking facilities, students may purchase meals through the University meal program.

Residence Hall Reservations

To reserve on-campus housing, each new or returning student must submit a residence hall application form online and pay the residence hall deposit by a dead-line announced each year. Accepted students receive residence hall online application information when they receive notice that they have been accepted.

Current residents must make an advance room reservation deposit of $300 in February of the current academic year. By submitting this deposit by the stated deadline and following the appropriate procedure, a student is allowed to participate in the housing selection process for the forthcoming year.

Room Occupancy

Room assignments and information on the time and date set for room occupancy will be mailed approximately three weeks before the beginning of the academic year. Those arriving at an earlier time should arrange for overnight accommodations at nearby motels and hotels.

All residence and dining halls close for the Thanksgiving, winter and spring vacations, during semester breaks, and at other times set by the University. During the closings, the University will make arrangements to accommodate only students who demonstrate that it is imperative that they remain on campus.

Furniture

The University provides a single bed with mattress, a desk and chair, a chest of drawers, and one closet for each student. Students are expected to provide personal articles including a desk lamp, bed sheets and bedspread (extra-long twin size), mattress cover, pillow, pillowcases, blankets, and towels.

Laundry, Cable TV, and Telephone Service

Your Bryant ID – Bryant ONECARD – as well as coins, will operate laundry facilities in every residence hall. The University provides cable television service in every bedroom and lounge area within the residence halls. The same channel package is offered in all locations. The University provides a Voice over Internet Protocol (VoIP) phone for each bedroom in the first-year halls and one in each suite for all other halls and townhouses. This gives students the ability to receive calls as well as place local or on-campus calls. This phone is also used to receive emergency broadcasts during emergency situations.

Residence Hall Computer Network

Computer hookup is available in Bryant's residence halls. Access to e-mail and the Internet is available in each student's bedroom, and wireless Internet connectivity is available campus-wide. In addition, The Douglas and Judith Krupp Library catalog can be accessed via the network. Support of the Residence Hall computer network is provided through Laptop Central.

Meal Plans and Bulldog Bucks Usage

All resident students, other than those residing in a townhouse, must participate in one of the four different meal plans available. Each plan entitles you to a particular number of meals per week along with varying amounts of Dining Dollars. These Dining Dollars may be used at South Café, South Side Deli, Café a la Cart, and Bulldog Bytes Café. Dining Dollars will carry over from the fall to spring semesters but are not refundable.

In addition to the above Dining Dollars, each meal plan also comes with $25 in Bulldog Bucks, which can be used at any of the above locations as well as The Junction, Subway, The Scoop, The Bookstore, Dunkin Donuts and the Info Desk.

Additional Bulldog Bucks may be purchased in the Support Services Office or online at Bryant.managemyid.com (http://Bryant.managemyid.com).

Bulldog Bucks balances will carry over on students' accounts until graduation or withdrawal from the University. A remaining balance of $25 or more will be applied to the student's tuition account.

Non-meal plan participants may purchase Bulldog Bucks in the Support Services Office or online at Bryant.managemyid.com (http://Bryant.managemyid.com).

Changes in the meal plan must be made during the first week of classes each semester. Change forms are available in the Salmanson Dining Hall.

Opportunities for Leadership and Involvement on Campus

Classroom learning is only one aspect of a college education. The Bryant experience provides many opportunities for students to discover their talents and develop their abilities outside of the classroom setting through a wide variety of activities. Most campus social and cultural events are planned and implemented by students.

Through these experiences, students develop valuable interpersonal and leadership skills. In fact, many Bryant graduates report that their involvement in student activities and programs contributed significantly to their career success.

Campus Engagement

The Office of Campus Engagement strives to create an inclusive atmosphere that fosters personal and professional growth through leadership, programming, service opportunities, and new student

programs. As the living room of the campus, they provide services and programs that enhance the life of their community. Their team supports, challenges, and mentors students, employees, and organizations to fulfill the mission and vision of Bryant University.

Housed in the newly-renovated Fisher Student Center, the Office of Campus Engagement includes both Involvement and Operations. The staff provides support to nearly 100 student organizations. They also oversee Orientation, Opening Weekend, community service, Greek Life, leadership development programs, major campus events such as Parents and Family Weekend (planned in conjunction with the Student Senate), Spring Weekend, and Bryant @ Night.

The Campus Engagement staff also advise major student organizations, including *The Archway* newspaper, Commuter Connection, Student Programming Board, Student Senate, WJMF Radio, and the *Ledger* yearbook.

Within the Fisher Student Center, lounges and study areas provide students with a comfortable place to relax, socialize, and complete homework. Wireless access throughout the building allows small groups to meet and work on projects together.

A pool table, other game tables, and ATM machines are located in the Fisher Student Center, which also offers dining facilities with a variety of food options, from sandwiches to ice cream and snacks. In addition the Intercultural Center, the Gertrude Meth Hochberg Women's Center, the Pride Center, and the bookstore are all located within the Fisher Student Center.

Community Service

Opportunities for service learning are available at Bryant through several avenues. The Office of Campus Engagement acts as a clearinghouse for students interested in building leadership skills through community service involvement.

Leadership Development Programs

A number of different programs and retreats are available for students at all leadership levels. Bryant University is committed to educating future leaders in business, not-for-profit industries, and local communities. In addition to classroom work, students can take part in a number of co-curricular forums to develop and practice leadership skills.

Parents' and Family Weekend

Planned in conjunction with the Student Senate, this program welcomes parents, guardians, and families to campus. This event, held in October, offers a full array of activities and entertainment all can enjoy.

Clubs and Organizations for Students

Student Programming Board

The Student Programming Board (SPB) is responsible for programming a variety of social, cultural, educational, and recreational activities for the entire Bryant community. This organization's primary goal is to enhance campus life through the presentation of quality and diverse entertainment. The center of student entertainment, SPB plans and sponsors on-campus blockbuster movies, comedy shows and coffeehouses, special weekends, concerts, debates, lectures, films, and novelty programs. SPB is also a primary sponsor of The Big B, which takes place the first weekend after classes begin in the fall semester, and Spring Weekend. All students are encouraged to participate in planning and implementing SPB programs.

Student Senate

The Bryant University Student Senate is the central student governing body and serves as a channel of communication among the students, faculty, and administration. The Senate consists of a six-member executive committee and 20 senators, who are elected in the spring of each year, except for freshmen, who are elected in the fall semester. The Senate sponsors the annual Parents' and Family Weekend, and class activities. Working in conjunction with University administration, the Senate is responsible for approving the constitutions of all student organizations on campus. Although recognition does not imply sponsorship by Bryant University, the following independent student organizations are recognized by the Student Senate and Bryant University:

Major Organizations*

- Commuter Connection
- Greek Leadership
- International Student Organization
- Multicultural Student Union
- Student Union
- Student Programming Board
- Student Senate

* Several Media Organizations are also Major Organizations.

Academic Clubs

- Accounting Association
- Actuarial Association
- Bryant Economic Student Association
- Bryant Marketing Association
- Bryant Psychology Association
- Collegiate Entrepreneur Organization (CEO)
- Communication Society
- DECA
- Delta Sigma Pi
- Finance Association
- International Business Association
- Legal Studies Society
- Pi Sigma Epsilon
- Scientific Community Initiative
- Society of Global Supply Chain Management
- Society for Human Resource Management

Greek Organizations

- GAMMA
- Interfraternity Council
- Order of Omega
- Panhellenic Council

Media Organizations

- *The Archway*[1] (Newspaper)
- HerCampus
- *Ledger*[1] (Yearbook)

- WJMF Radio Station[1]
- TV/Media Production Club

[1] Also considered Major Organizations.

Sports Clubs

- Bryant Bowling Club
- Bryant Cheerleading Club
- Bryant Hockey Club
- Bryant University Bulldog Dancers
- Karate Club
- Men's Rugby Club
- Men's Volleyball
- Racquetball Club
- Squash Club
- Ultimate Frisbee Club
- Women's Crew
- Women's Rugby Club

Culture and Service Groups

- Alliance for Women's Awareness (AWA)
- Big Brothers | Big Sisters of Bryant
- Bryant Helps
- Bryant Pride
- Bryant University Spanish Culture Organization (BUSCO)
- China Bryant Connection
- Circle Up
- Colleges Against Cancer
- Dragon Dance Team
- Enactus
- Franco B.U. (Francophones de Bryant University)
- Health Education Awareness Leaders (H.E.A.L.)
- Hillel
- InterVarsity Christian Fellowship
- Italian-American Association
- Model United Nations
- One Campaign
- The Venue
- Wishful Thinking

Special Interest Groups

- aDvANCEd Evolution Dance Team
- Anime and Literature Society
- *The Bottom Line* (a capella group)
- Bryant Debaters
- Bryant Fashion Forum
- Bryant Jazz Ensemble
- Bryant Outdoor Adventure Club (BOAC)
- Bryant Players
- Bryant Singers
- Bryant University Badminton Club
- Bryant University Chamber Ensemble
- Bryant University Fishing Club
- Bryant University Gamers
- Bryant University Golf Club
- Cricket Club
- Men's Club Soccer
- Mock Trial
- The Podium
- Running Club
- Ski & Snowboard Club
- Student Experiences Abroad Club (SEAC)
- Velocity Dance Team
- Wrestling Club

Fraternities and Sororities

The following national sororities and fraternities have chapters at Bryant University:

Fraternities	Sororities
Delta Chi	Alpha Omicron Pi
Delta Kappa Epsilon	Delta Zeta
Phi Kappa Tau	Sigma Sigma Sigma
Sigma Chi	Zeta Phi Beta, Inc.
Tau Kappa Epsilon	

The Panhellenic Council and Interfraternity Council coordinate the various activities of the sororities and fraternities.

Clubs and Organizations - Student Media

The Archway

Under student leadership, the University newspaper is published weekly during the academic year. Its research, writing, editing, photography, typesetting, layout, and business management are handled entirely by the student staff with support from Campus Engagement staff.

The Ledger

Students write, edit, design, and provide photography for The Ledger, the University yearbook, which is published annually.

WJMF Radio Station

Housed in the Communications Complex, WJMF Radio Station features student DJs broadcasting diverse programming 24/7 during the academic year. In addition to broadcasting, students plan many events such as the annual Bryant Held Hostage fundraiser and Springstock concert. As the result of a groundbreaking partnership with Boston public broadcaster, WGBH, the station has transitioned to an HD format, increasing its signal from 225 to 1,200 watts. Students also take advantage of the latest in technology and internships that are offered as a result of the partnership.

Television Studio

The 3,000 square foot High Definition multimedia production facility is both a state-of-the-art training ground for students studying communication and a valued resource for the entire Bryant community. Its expansive studio floor features three permanent, dedicated sets for filming talk shows, news and scripted comedy/drama, under a full lighting grid, with an adjacent HD control room. The facility also offers an extensive supply of HD field gear and video editing stations all the hardware and software needed to go from preproduction through post production. A mobile production unit is also available for multi-camera video recording of live events around campus.

Special Programs of Study

Included in the Special Programs of Study section is information regarding the following:

- Academic Internships and Practica
- Directed Study
- Study Abroad - semester-long and short-term - and fees
- The Honors Program
- Army ROTC Program

Bryant University has been a leader and innovator in preparing its graduates for business and professional careers since it was founded in 1863.

Continuing its long tradition of producing superbly qualified graduates, Bryant is committed to preparing its students to be accomplished professionals with multiple career options. This objective is accomplished through a carefully crafted curriculum that promotes cross-disciplinary thinking by blending business, liberal arts, and technology. The Bachelor of Science in Business Administration degree offers nine business concentrations and requires a liberal arts minor. In addition, business concentrators may select an optional business minor. Bachelor of Science degrees are also available in Information Technology and International Business, which offers seven business concentrations and requires a foreign language minor as well as an international experience.

The College of Arts and Sciences offers two degrees: A Bachelor of Arts and a Bachelor of Science. The Bachelor of Arts has majors in Applied Psychology, Chinese, Communication, Economics, Global Studies, History, Literary and Cultural Studies, Politics and Law, Sociology, and Spanish. The Bachelor of Science has majors in Actuarial Mathematics, Applied Economics, Applied Mathematics and Statistics, Biology, and Environmental Science. All Arts and Sciences degrees require students to complete a business minor.

Academic Internships and Practica

Bryant University offers students the opportunity to combine significant work experience with academic study through internships and practica. Such opportunities recognize the value of work integrated learning and critical reflection as an important avenue for learning. Internships and practica are arranged with employers representing a variety of industries and career opportunities. Student's learning is assessed by faculty as a three credit elective course resulting in a letter grade. Practica are valued at six, nine, or twelve credits as determined by the Department Chairs in specific areas of study. Resources are provided by the Amica Center for Career Education to meet specific student interests and provides the opportunity for career exploration, both nationally and internationally.

Student eligibility:

- Must complete a minimum of 60 credits.
- Must be in good academic standing—requiring a minimum overall GPA of 2.0.
- Must have established a major/concentration GPA of 2.0 or better to apply for an internship in a major/concentration area of study, with the exception of the Finance and International Business departments requiring a minimum overall GPA of 2.5.
- Must have established a minor GPA of 2.0 or better to apply for an internship in a minor area of study.
- Must meet all prerequisites for the internship as determined by the specific academic department and stated in the course description located in the course catalog (course elective listed as 391, 450, or 491).
- Transfer students must complete one full regular semester of study at Bryant University to establish a GPA prior to applying for an internship or practicum opportunity.

Preparation:

- Must meet with an academic advisor in the Undergraduate Advising Office to discuss eligibility and receive an internship enrollment form.
- Must attend or view an Orientation Session for Academic Internships presented by the Amica Center for Career Education during the fall or spring term to apply to internships listed on the Bryant Career Connection.

A maximum of nine credit hours of any combination of internships and practica may be applied to fulfill degree requirements; a maximum of three credit hours may be applied to fulfill requirements in a major/concentration or minor area of study. All academic internships are reviewed and approved by the appropriate academic department chair. Each intern works with a faculty supervisor and is awarded a grade based on learning objectives and work performance. The internship site employer provides training and supervision during the course of the academic internship and provides performance evaluations to the student and faculty supervisor. Eligible students are allowed to do one internship or practicum per regular semester.

Internships and practica may be taken as part of the regular semester course load during the fall or spring terms, usually at no added tuition costs to the student. When taken during the summer term, internships and practica are subject to relevant course fees.

The Washington D.C. Internship Program

Eligibility: Must Complete a Minimum of 75 Credits; Minimum Overall G.P.A. of 2.75

Bryant University has partnered with The Washington Center for Internships and Academic Seminars in Washington D.C. to provide supervised internships in business, government agencies, for-profit or nonprofit sectors as well as in international organization in DC. Internships are available in all degree programs, concentrations, and minor area of studies. The program is offered in the summer (10 weeks, 9 credits), and fall and spring terms (15 weeks,12 credits). Internship placement and housing is provided.

The Washington Center places students in businesses, government agencies, nonprofit and international organizations based on student's academic studies, career goals and interest. The program consists of the following components:

- a supervised internship that provides substantive projects and tasks that develop skills and knowledge within a profession,
- one evening course related to student's concentration or minor area of study,
- participation in LEAD colloquium program to include:
  - lecture series featuring decision makers in business, government and non-profit organizations
  - civic engagement project
  - profession track workshops with peers pursuing similar career paths

Computer Information Systems/Information Technology Practicum

The CIS/IT academic department offers a six month, full-time paid internship program earning 9 credits (Summer-Fall or Spring-Summer time period). Second semester sophomores and juniors may apply after meeting with the CIS/IT Department Chair and discussing eligibility with an academic advisor in the Undergraduate Advising Office. Minimum requirements are the completion of 45 credits and a minimum overall GPA of 2.5.

Directed Study Programs

1. A directed study course is an independent, in-depth study or research project pursued by a student. It involves working individually under the direction of a supervising faculty member with the approval of the appropriate department chair and college dean.
2. The topic to be studied must be submitted by the student to the supervising faculty member for approval prior to or at the start of the term.
3. The topic to be studied should explore a subject beyond its treatment in an advanced level course in the University curriculum.
4. The student's ability to define a problem and investigate it thoroughly (through intensive study that leads to the preparation of a well-researched paper) will be central to his/her success in any directed study course.
5. Students are limited to one directed study per term and a maximum of two directed studies during their Bryant career.
6. Directed studies cannot be used as substitutes for Bryant courses in the catalog.

Study Abroad

At Bryant students learn to compete in a global economy. And there is no better way to learn about the world than to study abroad.

Bryant's study abroad opportunities include a two week experience, a regular semester, or a summer or winter term program. Students have the chance to become proficient in another language, begin to cultivate a global perspective, and take courses unique to a location and/or culture, while enjoying experiences in a different culture.

Bryant offers sponsored study abroad programs in most regions of the world, through partner relationships with the following organizations:

Arcadia University: The College of Global Studies sponsors university affiliated programs in a variety of locations around the world. Approved Arcadia programs are located in Australia, China, England, France, Greece, Ireland, Italy, New Zealand, Scotland, South Africa, Spain, and Wales. Arcadia University also offers internship programs in a variety of cities around the world.

The Alliance for Global Education offers study in India and in China. The Alliance is a non-profit partner of Arcadia University.

CIEE (Council on International Education Exchange) sponsors more than 109 university affiliated programs throughout the world. Approved programs with CIEE include the following: Argentina, Belgium, Botswana, Brazil, Cambodia, China, Chile, Costa Rica, Czech Republic, Dominican Republic, France, Ghana, Hungary, India, Italy, Japan, Jordan, Korea, Mexico, Morocco, Netherlands, Peru, Poland, Portugal, Romania, Russia, Senegal, South Africa, Southern Caribbean, Spain, Sweden, Taiwan, Tanzania, Thailand, Turkey, Vietnam. CIEE also offers internship programs in a variety of cities around the world.

API (Academic Programs International) sponsors university-affiliated programs in a variety of locations around the world. Approved API programs are located in Argentina, Bhutan, Chili, China, Croatia, Cuba, Costa Rica, England, France, Germany, Hungary, Ireland, Italy, Poland, Qatar, Scotland, Spain, UAE, and Wales. API also offers internship programs in a variety of cities around the world.

IES (Institute for the International Education of Students) sponsors university-affiliated programs in a variety of locations around the world. Approved IES programs are located in Argentina, Austria, Chile, China, Ecuador, European Union, France, Germany, India, Italy, Japan, and the Netherlands.

ISA (International Studies Abroad) sponsors a number of university affiliated programs in a variety of locations around the world. ISA approved programs are located in Argentina, Brazil, Chile, Costa Rica, Dominican Republic, Mexico, Peru and Spain.

IAU College (The Institute for American Universities) provides students with academic programs in Southern France for a semester or summer. IAU is one of the few study abroad programs in France to offer coursework in English. In addition, they offer internships to students with an advanced level of French.

The Education Abroad Network (TEAN) sponsors a number of university affiliated programs in a variety of locations around the world. TEAN approved programs are located in Australia, New Zealand, China, South Korea, Singapore, Cambodia and Thailand. TEAN also offers internship programs in a variety of cities around the world.

The U.S.-China Institute at Bryant specializes in offering both short and long-term study abroad and internship programs in China with partner universities in Wuhan, Beijing, and other cities.

Customized International Business Program Bryant's International Business (IB) program provides customized study abroad opportunities for their students. Currently, they offer programs in Spain, Chile, France, China and Italy. These customized programs are designed to strengthen the students' understanding of international business and their language skills. Each of the customized programs offers students a study abroad experience and an international internship.

Direct Exchange Opportunities through Bryant are now possible. Each year Bryant is adding more direct exchange opportunities to its available options. What this means is that you will enroll at a partner university where you have the possibility to take both business and A&S courses that fulfill degree requirements. In addition, the direct exchange billing works differently, so you will only pay Bryant tuition (financial aid still applies). The housing and meal options are paid directly to the partner program, so there may be a possibility to find a program that is more affordable for you. Check in with the Study Abroad Office to learn more about the options available.

Student Fees for Study Abroad Programs 2016-2017

Study Abroad participants are charged the same rates that a traditional Bryant University student would be assessed if they were studying on campus unless the total charge at the host institution abroad exceeds the comparable charges at Bryant University. Students are billed by Bryant University directly and are expected to make the payment to Bryant on the traditional billing due dates (August 9 for the fall term and January 9 for the spring term).

Certain Study Abroad Programs will require application fees.

Application Fee:

- IAU: $85 paid by the student directly to IAU

Deposit Fees:

- Upon acceptance, the confirmation deposit will be paid directly by Bryant University

Security/Refundable Deposits:

- Students participating in a program through API or The Education Abroad Network (TEAN) will be responsible for their own refundable security deposit. Each provider will directly bill the student for the refundable security deposits, and the student is expected to pay that out of pocket.

Below are the per regular semester costs for study abroad participants:

Tuition	$20,282
Room*	$4,395.50 - $5,742.50
Meal Plan*	$2,846.50 - $3,092.50
Additional Fees*	$3,000 - $5,000+

*Varies based on program location

Tuition
The tuition rate is the cost of a traditional regular semester of study at Bryant University. Tuition may vary depending upon student's catalog year and financial aid package.

Room
The room rate is dependent upon the type of housing that a study abroad participant receives. If the participant is housed in a room that is typical of the Bryant University on-campus dorm-style living, the fee is $4,395.50. However, in certain circumstances, participants are given the option to live alone and are housed in a facility that is typical of the Bryant University on-campus townhouse-style living and those students are charged at the higher rate of $5,346.50 (double) or $5,742.50 (single). Also, certain programs offer housing (on and off campus) that is not comparable to on-campus living at Bryant. In these situations, the host institution may assess a surcharge to cover additional services that are offered with the housing (i.e. telephone, internet, bed linens, cleaning services, etc.). Please be advised that the surcharge will be added to your Bryant University tuition bill. These surcharges will not be on your initial bill since the host institution does not notify Bryant University until after the term has begun. You will be notified via your Bryant University email address that an updated Electronic Bill (E-Bill) is ready for viewing.

Meal Plan
Depending on the program, a student may receive meals (e.g. home-stay accommodation), have the option to purchase meals on their own (i.e. self-catered), or participate in a meal program at the university they are attending abroad. If they participate in the meal program abroad, or are receiving meals through their housing option, a fee of $2,846.50 - $3,092.50 will be assessed to their Bryant University account, depending on the number of meals they are receiving abroad. Since the meal plan is optional in some locations, and is not typical at most institutions, additional fees do not apply to every student. Meal plan charges will not be on your initial billing statement. If Bryant is notified by the host institution of meal plan enrollment and/or additional fees, you will be notified via your Bryant University email address that an updated Electronic Bill (E-Bill) is ready for viewing.

Home-stay Accommodations
A student will be assessed a meal plan fee of $2,846.50 - $3,092.50 to their Bryant University account if they are receiving 1-3 meals per day in their home-stay accommodations. Meal plan charges will not be on your initial billing statement. If Bryant is notified that your home-stay includes 1-3 meals per day, then you will be notified via your Bryant University email address that an updated Electronic Bill (E-Bill) is ready for viewing.

Additional Fees
Additional fees are any supplemental costs of the program. These fees are estimates based on fees charged to past participants. They are not fixed amounts and are subject to change. Such costs may include but are not limited to: R/T airfare, VISA processing fee, health insurance fee, cell phones, health club memberships, cleaning fee, bed-linen fee, etc.

Withdrawal Policy
In case of cancellation, the student is subject to the refund policy of the program provider. Each program provider lists the cancellation policy on their website, so be sure to read that information before applying.

Study Abroad Surcharge
If the total charge at the host institution abroad exceeds the comparable charges at Bryant University, a surcharge will be assessed to the student's account in the amount equal to the difference between the two costs.

All study abroad billing inquiries should be addressed to the Bryant University Bursar's Office at (401) 232-6030. Please Note: Students will initially be billed the Bryant University rates. Once Bryant University is billed by the host institution, any appropriate adjustments are made to the student's account and the student will be notified via Bryant University email address that an updated Electronic Bill (E-Bill) is ready for viewing.

Coursework and Credit

- Written pre-approval (course contract) from a Bryant University Undergraduate Advisor is required for coursework taken at the Host Institution, if transfer credit or Financial Aid is to be awarded.
- For students on Financial Aid, written pre-approval for all coursework to be taken at the Host Institution is required by a Bryant University Financial Aid Officer.
- A "C" grade or better (or the equivalent of "C" grade or better as determined by a Bryant University Study Abroad official) is required if transfer credit is to be awarded.
- Grades earned at the Host Institution appear on the Bryant University transcript with no quality points. Grades are not calculated in the Bryant University GPA. Course credits are added to the total credits earned.

Study Abroad Eligibility

- Bryant students with a minimum cumulative GPA of 3.0 are eligible to apply for Bryant University approved regular semester Study Abroad programs. The GPA for short-term programs in the summer and winter terms may vary. Customized International Business programs may have different GPA requirements as well. Contact the Study Abroad Office to determine the GPA for the customized IB programs.
- Good standing at Bryant University is a requirement for participation in all Study Abroad programs.
- Students are responsible for meeting all deadlines as posted by Bryant University and the Host Institution.
- Financial obligations must be fulfilled.

- Transfer students must complete one full regular semester of study at Bryant University to establish a GPA prior to applying for a study abroad semester program. Transfer students are eligible to apply for the SIE program during their first academic year at Bryant University.

The Honors Program

The Bryant University Honors Program offers its members a personalized, distinctive experience that enriches their academic, social, cultural and professional talents in a mentor-oriented environment.

Academically-talented students with a proven record of achievement are invited to join the Bryant University Honors Program. These exceptional students along with dedicated faculty comprise a community of scholars who are committed to pursuing an enriched educational experience. Successful completion of the program results in the student being recognized as an Honors Program graduate, a distinction that is noted on his or her Bryant University diploma and official academic transcript.

More than 20 courses have been designed specifically for The Honors Program. While some of the Honors courses are adapted from standard courses and others are developed around unique topics, all are enhanced by additional course material, group projects, stimulating discussions and/or special assignments. These honors-designated courses are intentionally scheduled with smaller class sizes to afford students opportunities to interact with peers and professors.

Invitation Eligibility

First-year students with a minimum SAT score of 1200 (math and critical reading)/ACT composite score of 27 and one of the following: a class rank in the top 20 percent of their high school class or, a grade point average of at least 3.60 are considered for an invitation to The Honors Program. Students transferring from another institution with a grade point average (GPA) of 3.5 or better from college-level courses may also be invited to participate in The Honors Program. Current Bryant students interested in applying to The Honors Program must have earned a minimum GPA of 3.4 after the completion of 30 hours of credit and must interview with the program coordinator and provide letters of recommendation.

Graduation Criteria

To graduate from The Honors Program, students must successfully complete a minimum of 24 credits (eight courses) of Honors coursework.

As part of the eight Honors course requirement, each student must successfully complete the course HON 490. This Capstone course requires the submission and approval of a formal proposal. Along with a faculty advisor, the student will complete a research-based project during his or her senior year. The subject matter and topic can be selected by the student with the approval of a faculty advisor in a designated academic department.

To graduate as a member of The Honors Program, students must earn a cumulative grade point average of at least 3.4 and an Honors GPA of at least 3.2.

Army ROTC Program

The ROTC Program is designed to train and qualify men and women for commissions as second lieutenants in the U.S. Army while they pursue an academic program of their choice. Bryant is one of more than 300 colleges throughout the U.S. dedicated to providing qualified military leaders for the United States Army. Courses in military science are part of the Army Reserve Officers' Training Corps (ROTC) Program, which is offered as part of the curriculum at Bryant University on a voluntary basis.

Tuition, Fees, and Billing

A college education is one of the most important investments students and their parents will make – an investment that may affect the direction and quality of the student's life. Students choose Bryant University because of its excellent reputation and history of successful graduates. Students should select a Bryant education based on academic considerations and not on financial factors, yet many parents and students face challenges in meeting the costs of higher education today. Bryant University is committed to providing excellent value for the educational investment. The following section outlines the tuition and fee structure for the 2016-2017 academic year. These fees are subject to change by the University.

Full-Time Study for Traditional Students

Undergraduate students admitted to a full-time study program will enroll from 12 to 20 credits per regular semester with 15 credits being the norm, and are required to pay the full-time tuition fee for that term. Students carrying more than 20 credits pay the full-time tuition fee plus a surcharge fee equal to one-twelfth of the full-time regular semester tuition fee per credit for each credit over 20.

Part-Time Study for Traditional Students

Traditional undergraduate students who enroll for fewer than 12 credits in a regular semester pay a pro rata fee equal to one-twelfth of the full-time semester tuition fee per credit.

Part-Time Study for Nontraditional Students

To study part-time, students must apply to the Admission Office as nontraditional students. Nontraditional students are described as those students whose primary focus is on work and/or family and who pursue their education on a part-time basis. Nontraditional students enroll in fewer than 12 credit hours of study during each regular semester and will be charged $3,015 per three credit course. To register for more than three courses, nontraditional students must obtain authorization from the Registrar and pay the traditional (full-time) regular semester tuition fee. Nontraditional students have up to 12 years to complete their bachelor's degree requirements, and must complete their final 30 credits at Bryant. Nontraditional students may choose day and evening courses.

Full-Time Tuition for Traditional Students

The full-time tuition fee for the fall and spring terms for all students is $40,564. In addition to tuition, this fee covers all costs associated with attending Bryant, other than room, board and student involvement fee. Such costs include: laboratory fees, health services, participation in intramural sports, use of athletic facilities, and a subscription to *The Archway* (University newspaper).

In addition to academic programs and related services, these figures cover the cost for providing each student with personal use of a laptop computer that is fully loaded with software and is network ready. There are no separate fees for the technology at Bryant University.

Room and Board Fees – Residence Hall Village 1-17 and First Year Complex

The residence hall room and board fee for the fall and spring terms is $14,684. The default (should you fail to elect a meal plan) board program is the 14-meal plan. Breakfast, lunch, and dinner are available Monday through Friday; brunch and dinner are served Saturday and Sunday. The standard 14-meal plan will allow you to choose 14 of the 19 meals available.

Meal programs consist of 19, 14, 10, and 7-meal plans. If one of these plans is chosen, the residence hall double room and board fees for the fall and spring terms range from $14,975 for the 19-meal plan to $14,483 for the 7-meal plan. Resident students who do not select one of the meal programs will be enrolled in the default 14-meal plan.

Board Programs

The University requires that all students who reside in the residence hall village, and residence halls 14, 15, 16 and 17 take one of the meal plans (19, 14, 10 or 7). There are no exceptions except in the case of an extreme medical problem. Call the Bursar at (401) 232-6030 for information on this policy.

Townhouse and Senior Apartment Fees

The townhouse and senior apartment room fee for the combined fall, winter and spring term period is $11,485 for a single occupancy room and $10,693 for a double occupancy room. Each townhouse and apartment has kitchen facilities; however, the student may choose to purchase a meal plan (19, 14, 10, or 7) if desired. (Fees subject to change.)

Special Term Fees

The tuition fee for summer and winter terms is $1,005 per credit. The University offers the possibility of residential living in both winter and summer terms. The estimated residence fee is $1,914.17 for the five-week term. The room fee is subject to change as circumstances warrant.

Dining Services for Breaks and Holidays

Dining services will provide food for sale on a limited basis during the winter term. Food may be purchased in the Gulski Dining Room during normal business hours. All food may be purchased using cash and/or Bulldog Bucks. Due to limited offerings, students may want to make alternative arrangements to supplement their dining requirements.

Refund Policy

A student withdrawing from Bryant during the term is required to make an appointment in the Undergraduate Advising Office and complete an official withdrawal form in the Office of the Registrar. Refunds will be calculated as follows:

Room: No refund (charged by the term). Board: Refund is pro-rated (based on days). Tuition: Written notification received by the Office of the Registrar in the:

Regular Term (Fall/Spring):

First week:	80 percent
Second week:	60 percent
Third week:	40 percent
Fourth week:	20 percent
After fourth week:	No refund

Winter Term:

First two days:	80 percent
After second day:	No refund

Summer Day Term:

First two days:	80 percent
Day 3-7:	60 percent
Day 8-9:	40 percent
Day 10-13:	20 percent
After day 13:	No refund

Summer Evening Term:

First three days:	80 percent
Day 4-9:	60 percent
Day 10-13:	40 percent
Day 14-15:	20 percent
After day 15:	No refund

Students withdrawing from an internship, prior to the start date, will forfeit their non-refundable deposit of $150.00. After the start date will result in an account adjustment based on the given semester and date of withdrawal.

Students who must withdraw due to military requirements will, upon certification of that fact, be granted a pro-rata refund or credit.

Students dismissed academically at the end of the first regular semester are entitled to a refund of all tuition and room and board fees that have been paid for subsequent terms.

Refund checks or E-Refunds due to students for over payment will be issued upon request and after at least 30 working days following the date a check has been deposited to a student's account.

A refund check will be made payable to the student (if non-minor) unless the account credit is due to the posting of a PLUS Loan or Tuition Management Systems payment. The refund is then processed in the borrower's/payee's name or to the student if written permission by the borrower/payee is provided to the Bursar's Office to release the funds to the student.

Return of Title IV Federal Financial Aid

Regulatory guidelines associated with the return of Title IV funds as detailed in the Higher Education Amendments of 1998 (HEA98) require institutions participating in federal student aid programs to employ very specific measures in effecting financial aid adjustments for students who withdraw from college. The policy governing the Return of Title IV Federal Financial Aid applies to all federal grant and loan programs (Pell, ACG, SMART, SEOG, TEACH, Stafford loans, Perkins Loans, Grad PLUS and PLUS loans), but does not include the Federal Work-Study Program.

In general, the law assumes that a student earns federal financial aid awards (which have been approved and verified) in proportion to the number of days completed in the term prior to the student's complete withdrawal. If a student completely withdraws from school during a term, the school must calculate, according to a specific formula, the portion of the total scheduled financial assistance that the student has earned and is therefore entitled to retain, until the time that the student withdrew.

If a student receives (or the University receives on the student's behalf) more assistance than he/she earns, the unearned funds must be returned to the U.S. Department of Education or to the Federal Direct or Federal Parent PLUS Loan programs. If a student's charges are less than the amount earned, and a refund is due, the student may be able to receive those additional funds. Students who have not completed the verification process are ineligible to receive any financial aid.

The portion of the federal grants and loans that the student is entitled to receive is calculated on a percentage basis by comparing the total number of days in the semester to the number of days that the student completed before he/she withdrew. For example, if a student completes 30 percent of the regular semester, he/she earns 30 percent of the approved federal aid that he/ she was originally scheduled to receive for the term. This means 70 percent of the student's scheduled or disbursed aid remains unearned and must be returned to the federal programs. In the past, the previous federal and pro-rata withdrawal policies determined the amount of federal funds that must be returned, and the university was required to reduce the student's charges by the same amount. The new policy governs the earned and unearned portions of the student's Federal Title IV Financial Aid only. It determines how much, if any, the student and/or the school may need to return. This policy does not affect the student's charges. Bryant's own withdrawal policy will be used to determine the reduction, if any, in the student's tuition and fee or room and board charges. The student is responsible for paying any outstanding charges to Bryant University.

If it is determined that a portion of the financial aid received on the student's behalf is unearned, the University shares, with the student, the responsibility of returning those funds.

Any grant funds that the student is required to return to the federal programs are considered an over payment. The student must either repay the amount in full or make satisfactory payment arrangements with the Department of Education to repay the amount. If the student fails to repay, or make payment arrangements to repay an over payment, the student will lose his/her eligibility to receive future federal financial aid at any institution.

Miscellaneous Fees and Deposits

Admission Deposit

All students admitted to Bryant make a non-refundable enrollment deposit of $800. This commitment deposit is credited on the fall tuition bill.

Application Fee

An application fee of $50 must accompany the application. The application fee for citizens of countries other than the U.S. is $50. This fee pays for all processing expenses and is non-refundable.

Student Insurance

The Bryant plan offers affordable coverage that will supplement the services provided on campus through Health Services and Counseling Services. The student insurance plan is underwritten by National Guardian Life Insurance Company, claims are paid by Consolidated Health Plans, and University Health Plans manages and services the program.

The University requires that all students have health insurance coverage and, if needed, recommends that full-time resident and non-resident students subscribe to this insurance through University Health Plans, Inc. at www.universityhealthplans.com (http://www.universityhealthplans.com). The fee for this insurance is not included in the fee schedule. The fee for the 2016-2017 academic year is $2,402.

Late Payment Penalty

A late payment penalty may be assessed to the student's account if payment is not made by the due date indicated on the bill. The late payment penalty amount ranges from $25 to $150 depending on the amount of the balance owed to the University. The late penalty fee will also apply to any account that may have a balance due to a check being returned by a bank as uncollectible (i.e., no sufficient funds).

Further, in the event that a student does not pay his/her tuition fees and the University finds it necessary to send the unpaid fees to a collection agency for collection, the student will be responsible to pay any reasonable collection fees and/or legal fees associated with said collection of the amount owed to Bryant University.

Schedule Cancellation

At the discretion/option of the University, a student's schedule may be canceled before classes begin if satisfactory financial arrangements have not been made between the student and Bursar's Office.

Method of Payment

Payment is due by August 9, 2016 for the fall, January 9, 2017 for the spring, prior to the first day of class for the winter term, and May 9, 2017 for the summer term.

There are two payment options available: A family may pay the term balance in full by the stated due dates or contract with Tuition Management Systems (TMS) to budget your annual payment over a 10-month period beginning May 2016-February 2017. Please see "Payment Plan" information, in this section, for more details.

Students and families have the option to pay online via the Student Account Center using a credit card. Bryant University will link to a third-party processor, TouchNet, who will accept credit cards. The credit cards that will be accepted through the Student Account Center will be: AMEX, VISA, MC, DISCOVER, DINER'S CLUB, JCB, UNION PAY, BC CARD, and DINACARD. If a credit or debit card is used to pay a bill, a service charge of 2.75 percent of the payment will be assessed to the account each time a payment is made using a credit card. Bryant University does not receive any portion of the service charge that is collected by TouchNet. The service fee is not refundable even though the related payment to Bryant University may be refundable. When you choose the option on the web to pay with a credit card you will be directed to TouchNet's secure network environment. You will be required to acknowledge the convenience fee charge to your account prior to the payment being finalized.

Families have the option to pay online with a Web Check. There will be no fee associated with the Web Check payment option. Students and their families will not be charged a convenience fee when using their credit cards with other departments/vendors at the university. Other departments include but are not limited to, Support Services, Bryant University Bookstore, Athletics, Academic Records, Development, etc.

Families can also mail in a check or money order to pay the tuition bill. All checks and money orders should be made payable to Bryant University; envelopes should be addressed to:

Bryant University
P.O. Box 835
Providence, RI 02901-0835.

A $40 fee will be assessed to the student's account if a check is returned as uncollectible and a $3.00 fee for online ACH return fees.

Method of Billing

The Bursar's Office sends electronic bills. Students will not receive paper invoices through the mail. Instead, when the E-Bill is ready for viewing, students will receive an email notification at their Bryant University email address notifying them of the website to gain access to their student account and their E-Bill. When a student views their first E-Bill, they will have the option to update their student profile and change their email address to a preferred address.

Students will be required to authorize their parents, or a third-party (scholarship foundation, employer, etc.) who is responsible for paying their tuition bill, to view and pay their billing statement online. Once a parent's information has been established by the student in the system, E-Bill notifications and other billing information will be emailed simultaneously to the parent and the student. There is no limit on how many authorized users that a student can assign to their account. Also, if you prefer to receive a paper statement, the student has the ability to print a copy of their online billing statement.

The Student Account Center will offer you the option to pay online with a check or credit card (AMEX, VISA, MC, DISCOVER, DINER'S CLUB, JCB, UNION PAY, BC CARD, and DINACARD), establish reoccurring payments, view current activity, view historical billing statements and much more.

Students will receive E-Bills, in July and December for payments that are due in August (for fall term) and January (for spring term). Credits listed on the initial E-Bill reflect any direct financial aid awarded. Please note that work-study awards do not get credited to the amount due as the student earns these funds via a paycheck.

Students should be aware of the outstanding amount they must pay after financial aid is deducted from the total costs. All required forms and applications must be submitted and approved before financial aid can be applied to a student's account. If the necessary paperwork is not submitted at the time the account is due, the student must pay the balance and request reimbursement after receipt of financial aid.

Federal Direct Student Loan Master Promissory Note applications should be submitted electronically via the U.S. Department of Education web site prior to the beginning of the academic year. Any credit balance requested by the student will be released after the published refund period.

If a student receives federal funds and withdraws during the University's refund period, the percent of refund to which the student is entitled will be credited to the appropriate federal fund in accordance with federal regulations. For a detailed report of the refund formula, contact the Director of Financial Aid.

Payment Plan

The Bryant University monthly payment plan is designed to help families budget their tuition and fee payments over a 10-month period (beginning with the first of 10 equal installments in May and running through February). This service, which is not a deferred payment plan, is administered for the University by:

Tuition Management Systems
171 Service Avenue
Suite 200
Warwick, RI 02886
(800) 356-8329

Use of this prepayment plan does not affect awards of financial aid. Payments made under this plan must be made on a timely basis to TMS; late payments may result in a $75 late fee assessment by the Bursar. Budget the amounts carefully; if too little is budgeted through TMS, the remaining unbudgeted balance must be remitted to the University on the same due dates specified for the fall and spring terms.

There is an $80 enrollment fee associated with this payment plan.

Schedule of Fee Payments

Payments are due August 9, 2015 and January 9, 2016

Undergraduate Tuition

Undergraduate Tuition	$20,282	x 2= Annual total	$40,564
Residence Halls Single 1 through 17 (includes cost for standard 14-meal plan)	$8,689.50	x 2 = Annual total	$17,379
Residence Halls Double 1 through 17 (includes cost for standard 14-meal plan)	$7,342	x 2 = Annual total	$14,684
Townhouse Single (does not include meal plan)	$5,742.50	x 2 = Annual total	$11,485
Townhouse Double (does not include meal plan)	$5,346.50	x 2 = Annual total	$10,693

Meal Plans

Meal Plan 19	$3,092.50	x 2 = Annual total	$6,185
Meal Plan 14	$2,947	x 2 = Annual total	$5,894
Meal Plan 10	$2,892	x 2 = Annual total	$5,784
Meal Plan 7	$2,846.50	x 2 = Annual total	$5,693

Fees

Student Involvement Fee	$199	x 2 = Annual total	$398

Deposits

A nonrefundable resident reservation deposit of $300 is due February 2017 and is applied against room and board for Fall 2017.

Students coming into the residence halls for the first time must provide a $400 damage deposit*. The damage deposit will be refunded less any charges against it upon graduation, withdrawal from the residence halls, or withdrawal from the University.

* The $400 damage deposit will be included on the student's first-semester bill.

Summer Term Fees

Fee per credit	$1,005
Housing fee per week	$382.83

Pro-Rata Tuition for Traditional Undergraduate Students

The "pro-rata" tuition for students enrolled in a traditional, full-time study program is calculated at one-twelfth of the full-time regular semester tuition per credit.

Fee Changes

Tuition and fees are subject to change by the University.

University Officers/Trustees

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Judge, United States Court of Appeals for the First

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Lincoln, RI

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MOR Associates, Inc., Medfield, MA

Course Descriptions Accounting (ACG)

Courses

ACG 203. Principles of Financial Accounting. 3 Credit Hours.
This course is designed to serve the needs of both accounting majors and students of other disciplines. As an introductory course, students will understand how fundamental Generally Accepted Accounting Principles drive the creation of financial information. Additionally, common uses of financial information for performance evaluation by internal and external decision-makers will be explored.
Pre/Corequisites: GFOB 100 or GFOB 100G
Session Cycle: Fall, Spring, Summer
Yearly Cycle: Annual.

ACG 204. Principles Managerial Accounting. 3 Credit Hours.
This course is designed to serve the needs of both accounting majors and students of other business disciplines. Students will explore how accounting information is used internally by management to determine product/service cost; understand cost behavior; plan, evaluate, and control operations; and make business decisions.
Prerequisites: ACG 203
Session Cycle: Fall, Spring, Summer
Yearly Cycle: Annual.

ACG 301. Financial Reporting I. 3 Credit Hours.
This course addresses topics relevant to the financial reporting for creditors, investors, regulatory agencies, and other interested parties. The course emphasizes the conceptual development and application of reporting alternatives.
Prerequisites: Grade of "C" or higher in ACG 203 and junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ACG 302. Financial Reporting II. 3 Credit Hours.
This course addresses topics relevant to the financial reporting for creditors, investors, regulatory agencies, and other interested parties. The course emphasizes topics such as pensions, leases, long-term debt, and stockholders' equity.
Prerequisites: Grade of "C" or higher in ACG 301
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ACG 311. Cost Management. 3 Credit Hours.
This course is designed to reinforce, amplify, and extend some of the management accounting concepts and techniques introduced in ACG 204, Principles of Managerial Accounting. The course provides a basic understanding of various concepts and techniques used to identify, collect, measure, classify, and report information that is useful to managers for: (1) determining the cost of products, customers, suppliers, and other relevant cost objects; (2) planning and controlling; (3) making continuous improvement; and (4) decision making.
Prerequisites: Grade of "C" or higher in ACG 204 or ACG 320 and junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ACG 315. Advanced Managerial Accounting. 3 Credit Hours.
This is an advanced management accounting course designed for those students who desire to expand their understanding of management accounting or financial management into the use of accounting information to create value in the organization. The course addresses recent innovations in management accounting including the balanced scorecard, strategy maps, strategic cost management for product and customer profitability analysis, lean manufacturing; quality costs, target costing, measuring and managing life-cycle costs, environmental costing, and the design and implementation of management control systems.
Prerequisites: Grade of "C" or higher in ACG 311 and MGT 200
Session Cycle: Spring
Yearly Cycle: Annual.

ACG 320. International Accounting. 3 Credit Hours.
In this course, students will investigate how financial reporting develops differently across geographic boundaries. Students will learn how the use of financial accounting information by different groups causes the focus of financial accounting to differ. They will also learn how different accounting rules will result in significant differences in published financial reports. This course is a required course for International Business majors and may be taken by accounting concentrators as an open elective only.
Prerequisites: ACG 203 and Sophomore Standing
Session Cycle: Spring
Yearly Cycle: Annual.

ACG 345. Accounting Information Systems. 3 Credit Hours.
This course provides students with (1) an understanding of accounting information systems theory and practice, (2) the knowledge to take advantage of new information technologies such as database management systems, decision support systems, expert systems, and telecommunications, (3) the skills to integrate both financial and non-financial information into a corporate information systems schema, (4) an exposure to a wide range of business, accounting, and auditing software packages, (5) the knowledge to assess controls, and (6) an understanding of systems analysis and design.
Pre/Corequisites: Grade of "C" or higher in ACG 301
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ACG 350. Fraud Examination. 3 Credit Hours.
This course examines the causes and consequences of fraud as well as discusses the basic concepts and procedures involved in performing a fraud examination.
Prerequisites: Grade of "C" or higher in ACG 345
Session Cycle: Fall
Yearly Cycle: Annual.

ACG 351. Corporate Taxation. 3 Credit Hours.
In this course, accounting majors are introduced to topics in corporation taxation. Through problems and interpretation of tax law, students examine the taxation of corporations and their shareholders.
Prerequisites: Grade of "C" or higher in ACG 203 and junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ACG 352. Individual Taxation. 3 Credit Hours.
This course examines the federal tax structure with an emphasis on the taxation of individuals. Topics covered in this course include income determination, exemptions, deductions, property transaction, and accounting methods. Tax planning opportunities are also explored.
Prerequisites: Grade of "C" or higher in ACG 203 and junior standing
Session Cycle: Fall, Spring, Summer
Yearly Cycle: Annual.

ACG 370. Personal Financial Planning. 3 Credit Hours.
This course addresses the issues involved in personal financial planning. Topics covered include investment planning, retirement planning, estate tax planning, and income tax planning.
Prerequisites: Grade of "C" or higher in ACG 203 and junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ACG 391. Accounting Internship. 3 Credit Hours.
Individually supervised employment in an area of accounting that involves application of accounting concepts. Students must work on average ten hours per week, meet periodically with a supervising professor, research related literature in the field of employment, and prepare a substantive report of the work experience. Limited to Juniors and Seniors. Approval of a supervising faculty member and the department chair are required.

ACG 442. Auditing Concepts. 3 Credit Hours.
This course presents the basic concepts and procedures associated with an audit of financial statements. Topics covered include auditors' professional responsibilities, risk analysis, the nature of evidence, the relationship between risk and evidence, and the audit reporting process.
Prerequisites: Senior standing and a grade of "C" or higher in ACG 302 and ACG 345
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ACG 461. Financial Reporting III. 3 Credit Hours.
This course addresses topics relevant to the financial reporting for creditors, investors, regulatory agencies, and interested parties. The course emphasizes topics such as business combinations and consolidations.
Prerequisites: Senior standing and a grade of "C" or higher in ACG 302
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ACG 465. Governmental and Not-For-Profit Accounting. 3 Credit Hours.
This course is an introduction to the accounting and financial reporting principles of state and local governments, colleges and universities, hospitals, and other not-for-profit organizations. Students develop an appreciation for the special accounting, budgeting, and reporting needs of these organizations.
Prerequisites: A grade of "C" or higher in ACG 302
Session Cycle: Varies
Yearly Cycle: Annual.

ACG 471. Product/Service Costing. 3 Credit Hours.
This course concentrates on the design and measurement of costs in different types of operating environments. The impact of the new manufacturing environment on cost accounting procedures will also be considered.
Prerequisites: Senior standing and a grade of "C" or higher in ACG 311
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ACG 497. Directed Study in Accounting. 3 Credit Hours.
This course is designed to permit the student to pursue an area of accounting of interest and concern. The work will be performed under the supervision of a faculty member who will design the program of study and the requirements to be met by the student. This course must be approved by the department chair based on the agreed upon plan of study. Senior standing is required.

Actuarial Mathematics (AM)

Courses

AM 230. Actuarial Statistics I. 3 Credit Hours.
This is the first course in statistics and probability for actuarial students.Topics include sample spaces, probability rules, counting techniques, Bayes rule, random variables, probability distributions and density functions, expected values and moment generating functions, and special probability distributions and densities.
Pre/Corequisites: MATH 223
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

AM 231. Actuarial Statistics II. 3 Credit Hours.
This course is a continuation of AM 230. Topics include transformation of variables; sampling distributions and order statistics, the central limit theorem; max likelihood estimates; method of moment estimates and hypothesis testing.
Prerequisites: MATH 223 and AM 230
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

AM 332. Actuarial Statistics III. 3 Credit Hours.
This course is an applied statistics course for actuaries. It covers the topics necessary for analysis of data. Topics include: Hypothesis testing, chi-square tests, Analysis of Variance, Simple and Multiple Regression, Time Series and Index Numbers.
Prerequisites: AM 231 or MATH 201
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

AM 333. Advanced Probability. 3 Credit Hours.
This course is devoted to the study of distribution classes and credibility. It is designed to prepare actuarial students for many of the topics covered in Exam C given by the Society of Actuaries. The topics of study include Risk Measures, Distribution Families, Coverage Modifications, Frequentist and Bayesian Estimation, and Credibility Theory. This course includes both theoretical analysis as well as applied problems that arise naturally in the insurance industry.
Prerequisites: AM 231
Session Cycle: Fall
Yearly Cycle: Annual.

AM 340. Mathematical Interest Theory I. 3 Credit Hours.
This course includes the measurement of interest; accumulation and discount of money; present value of a future amount; forces of interest and discount; equations of value; investment return; inflation; annuities (simple and complex); perpetuities; amortization and sinking funds; depreciation; yield rates; spot rates; future rates; introduction to bonds; and general cash flows.
Prerequisites: MATH 223
Session Cycle: Fall
Yearly Cycle: Annual.

AM 341. Mathematics of Finance, Insurance, and Pensions. 3 Credit Hours.
This course will review the mathematics of basic compound interest for determining the future amounts and present values of single and periodic investments. Advanced topics in the mathematics of finance will include complex annuities of fixed periodic amounts, annuities where the periodic payment amount increases arithmetically and/or geometrically, bonds, including duration analyses, investment rates of return, both dollar- and time-weighted, and reverse mortgages. Topics in the mathematics of insurance will include the development of mortality tables and computation functions for the determination of the present and accumulated values of life annuities, premium determination, and settlement payment options. Topics in the mathematics of pensions will include the mathematics of social security, defined benefit and defined contribution pension plans. Students receiving credit for AM 340 or AM 421 will not receive credit for this course.
Prerequisites: MATH 110 or equivalent
Session Cycle: Fall
Yearly Cycle: Alternate Years.

AM 342. Mathematical Interest Theory II. 3 Credit Hours.
This course, combined with Mathematical Interest Theory I, prepares students for Exam FM given by the Society of Actuaries. The topics cover fundamental actuarial theory as it pertains to interest and investments. This course includes mathematical valuation of securities and dividends; options, put-call parity, duration, evaluation and payoff and profit of derivative contracts, forwards, futures, and swaps. Additional topics include immunization and cash flows.
Prerequisites: AM 340
Session Cycle: Spring
Yearly Cycle: Annual.

AM 391. Actuarial Math Internship. 3 Credit Hours.
Actuarial mathematic internships give students the opportunity for supervised employment in an area where they can apply actuarial mathematic theories and principles. Interns work at least ten hours a week, meet periodically with supervising faculty member, do research on their field of employment, and prepare a substantive report on work experience and research.
Prerequisites: Junior standing and approval by a supervising faculty member and the department chair.

AM 393. Exam P Seminar. 2 Credit Hours.
The goal of this course is to help students synthesize content from AM 230 (and some contenet from the beginning of AM 231) and apply that knowledge to solving actuarial problems such as those encountered in the context of Exam P. In addition this course will also develop students computational skills and tacit knowledge of problem solving strategies needed to tackle these actuarial problems in an efficient manner. While additional study effort will be required, passing this course should put students on track for taking Exam P during the May 20YY testing window.
Pre/Corequisites: AM 231
Session Cycle: Spring
Yearly Cycle: Annual.

AM 394. Exam FM Seminar. 2 Credit Hours.
The goal of this course is to help students synthesize content from AM 340 (and some content from the beginning of AM 342) and apply that knowledge to solving actuarial problems such as those encountered in the context of Exam FM. In addition this course will also develop students computational skills and tacit knowledge of problem solving strategies needed to tackle these actuarial problems in an efficient manner. While additional study effort will be required, passing this class should put students on track for taking Exam FM during the June 20YY testing window.
Pre/Corequisites: AM 342
Session Cycle: Fall
Yearly Cycle: Annual.

AM 421. Life Contingencies I. 3 Credit Hours.
This course is a study of single life functions including the measurement of mortality; life annuities; life insurance; and net annual premiums. This course in conjunction with AM 422 is designed to prepare actuarial students for Exam MLC given by the Society of Actuaries.
Prerequisites: AM 230 and AM 340
Session Cycle: Fall
Yearly Cycle: Annual.

AM 422. Life Contingencies II. 3 Credit Hours.
A continuation of AM 421, including net premium reserves; gross premium reserves including expenses; joint-life functions; contingent functions; compound contingent functions; reversionary annuities; and multiple decrement functions. This course in conjunction with AM 421 is designed to prepare actuarial students for Exam MLC given by the Society of Actuaries.
Prerequisites: AM 421
Session Cycle: Spring
Yearly Cycle: Annual.

AM 440. Actuarial Mathematical Models and Stochastic Calculus. 3 Credit Hours.
The primary goal of this course is to provide the student a background in the mathematics of stochastic processes, risk, and financial economics as it relates to actuarial models. The underlying foundation of this course is the mathematics and economics of the pricing of financial options. As part of providing the framework for this field of study, advanced concepts such as Brownian Motion, the Black-Scholes Model, and the modeling of stochastic interest rates will be investigated. Taking this course will make it possible for the student to prepare for Society of Actuaries Exam MFE and the Casualty Actuarial Society Exam 3F.
Prerequisites: AM 342 or FIN 465
Session Cycle: Fall
Yearly Cycle: Annual.

AM 451. Pension Fundamentals. 3 Credit Hours.
This one-semester course is designed to introduce the student to the social security system of the United States and to various deferred compensation concepts including defined benefit, defined contribution, target benefit, and profit sharing pension plans. Both the accumulation and distribution of pension funds are discussed via annuities certain and life annuities. Appropriate aspects of the Internal Revenue Code which govern deferred compensation will be discussed.
Prerequisites: One of the following: MATH 129, AM 340 or AM 341
Session Cycle: Fall
Yearly Cycle: Annual.

AM 471. Fundamentals of Property and Casualty Reserving. 3 Credit Hours.
The reserve for unpaid claim liabilities is a major item on the balance sheet of every property and casualty (P&C) insurer. Estimating this quantity is a core responsibility of actuaries. This course will cover basic accounting concepts relating to reserving, the development triangle data structure, deterministic reserve projection methods (LDM and Bornhuetter-Ferguson), common diagnostic statistics, characteristics of different US P&C lines of business, and GLM based stochastic reserving methods, that utilize bootstrapping.
Prerequisites: AM 332
Session Cycle: Spring
Yearly Cycle: Annual.

AM 492. Advanced Actuarial Mathematics Seminar Exam MLC. 2 Credit Hours.
The goal of this course is to help students synthesize content from the two life contingencies courses (AM 421 and AM 422), and apply that knowledge to solving actuarial problems such as those encountered in the context of Exam MFE. In addition this course will also develop the students computational skills and tacit knowledge of problem solving strategies needed to tackle these actuarial problems in an efficient manner. While additional study effort will be required, passing this course should put the student on track for taking Exam MLC in April/May 20YY testing window.
Pre/Corequisites: AM 422
Session Cycle: Varies
Yearly Cycle: Varies.

AM 493. Advanced Actuarial Mathematics Seminar Exam C. 2 Credit Hours.
The goal of this course is to help students synthesize content on probability and stochastic modeling topics from the following courses: AM 231, AM 332, and AM 333. The synthesized knowledge will be applied to solving actuarial problems such as those encountered in the context of Exam C. In additiona this course will also develop your computational skills and tacit knowledge of problem solving strategies needed to tackle these actuarial problems in an efficient manner. While additional study effort will be required, passing this course should put students on track for taking Exam C during the June 20YY testing window.
Pre/Corequisites: AM 333
Session Cycle: Varies
Yearly Cycle: Varies.

AM 494. Advanced Actuarial Mathematics Seminar: Exam MFE. 2 Credit Hours.
The goal of this course is to help students synthesize content on options (AM 342 or FIN 481) and stochastic calculus (AM 440), and apply that knowledge to solving actuarial problems such as those encountered in the context of Exam MFE. In addition this course will also develop students computational skills and tacit knowledge of problem solving strategies needed to tqackle these actuarial problems in an efficient manner. While additional study effort will be required, passing this course should put students on track for taking Exam MFE during the July 20YY testing window.
Pre/Corequisites: AM 440
Session Cycle: Varies
Yearly Cycle: Varies.

Applied Academic Discourse (AAD)

Courses

AAD 111. Principles of Applied Academic Discourse. 3 Credit Hours.
This course is designed for students who wish to enhance their reading, writing, and critical thinking competence in the major discipline areas. Through intensive reading and writing in symbolics, empirics, esthetics, synoetics, ethics, and synoptics, students develop the strategies necessary for critical analysis, and effective reading and writing. The goal is to assist students in understanding the structure of knowledge and the process of disciplined inquiry.
Prerequisites: Permission of the instructor is required and first year and sophomore standing only
Session Cycle: Fall
Yearly Cycle: Annual.

Applied Analytics (AA)

Courses

AA 205. Introduction to Applied Analytics. 3 Credit Hours.
This is an introductory course in applied analytics. The focus is on using data and being able to gain insight into the data for multiple purposes. Analytics will be studied from a wide variety of fields and disciplines including using data visualization, text mining, and data mining methodologies to investigate questions related to the arts, business, humanities, social and physical sciences. The insight students gain may assist them in making effective decisions or the insight may be derived from analyzing textual data that were previously not thought to be significant.
Prerequisites: MATH 201
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

AA 304. Managing Information for Applied Analytics. 3 Credit Hours.
This course is about the management of information, how it is acquired, stored, and deployed effectively and how it may be analyzed for applications in a wide variety of domains such as literary and historical text analysis, social media, bioinformatics and business decision making. With the technology of today, we can gather data sets from many sources, some that are so large and complex (Big Data) that using traditional database management tools becomes difficult. Information management today must also deal with huge amounts of unstructured data that is being generated by social media in blogs, tweets, videos, speech, photographs, e-mails, and others. Not only are we faced with the challenge of how to store all of this data, but how we can effectively extract relevant information and visualizations from these disparate sources and gain valuable insights. This course brings together several key technologies-- databases, data warehouses, and large distributed data repositories--in a project that demonstrates how data can be store, manipulated, and visualized.
Prerequisites: AA 205
Session Cycle: Spring
Yearly Cycle: Annual.

AA 306. Data Mining for Effective Decision Making. 3 Credit Hours.
In very simple terms, analytics is about the discovery and communication of meaningful patterns in data. This course is about applying analytics to create useful information that provides insights, fosters inquiry, and supports effective decision making and problem solving. It follows that the target audience for this course is anyone who anticipates having a need for useful information during their career and in their personal life. The approach taken in this course is that analytics is a tool that may be applied to achieve a desired outcome. Without a clear purpose or objective, the use of analytical methodologies is nothing more than a fishing expedition. It also follows that even when a clear objective is present, the application of analytics is only useful if the results of the analysis lead to reasoned action. Therefore, this course is more than a review of analytical methodologies. It is also about understanding problems, setting objectives, critical thinking and interpreting results. Problems will be addressed in a variety of disciplines including applications in liberal arts, science and business.
Prerequisites: AA 205
Session Cycle: Fall
Yearly Cycle: Annual.

AA 490. Applied Analytics Capstone. 3 Credit Hours.
In AA 490, students complete a comprehensive real-world data project along with a presentation to the class and other interested parties of key aspects of the project with an analysis of the results. This will be a learning experience that gives students the opportunity to conduct real-world data preparation and analysis using data in a field relating to their primary area of concentration or major. Students will need to understand the problem, and then clean and analyze the data. The scope of the project is not only to complete a well-defined piece of work in a professional manner, but also to place the work into the context of an analytics environment by applying current state of the art techniques.
Prerequisites: AA 205, AA 304, AA 306, junior standing and permission of the instructor
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

Arts and Sciences (AS)

Courses

AS 391. General Arts and Sciences Internship. 3 Credit Hours.
Students engage in individually supervised internships and learn to apply theory and principles to the work environment. Interns work at least ten hours per week in the internship, meet periodically with a supervising faculty member, and prepare a substantive report on the experience.
Prerequisite: Junior/Senior standing and approval of a supervising faculty member and department chair.
Prerequisites: Junior/Senior standing and approval of a supervising faculty member and department chair.

Bryant IDEA (IDEA)

Courses

IDEA 101. Bryant IDEA: Innovation and Design Experience For All. 1 Credit Hour.
This course teaches students about the innovation process. Specifically, students learn two key elements or building blocks for creating new innovations in any field: design thinking and teamwork. During an approximately 72-hour intensive experience, students will work in teams on projects covering a range of "real World" situations, ranging from the arts to social services to the business sector. They will practice elements of the design thinking process and work in teams to come up with creative solutions to problems.
Session Cycle: Spring
Yearly Cycle: Annual.

Business (BUS)

Courses

BUS 391. General Business Internship. 3 Credit Hours.
Students engage in individually supervised employment in business and learn to apply business theory and principles to the work environment. Interns work at least ten hours per week on the job, meet periodically with a supervising faculty member, do research related to the field of employment, and prepare a substantive report on the work experience and the studies involved. Requires the approval of a supervising faculty member and department chair. Junior or senior standing is required.

BUS 400. Business Policy. 3 Credit Hours.
This is a capstone course that integrates the knowledge students have acquired in various business disciplines. The emphasis is on developing an integrative perspective on the key issues facing general managers and top management teams. The students will be introduced to analytical frameworks used to gain an understanding of industry environment and evaluate the sources of competitive advantage available to firms within an industry. In addition, students are exposed to case studies and business situations to help understand how managers implement strategies. Topics covered include industry analysis, internal analysis, business and corporate level strategies and strategy implementation.
Prerequisites: ACG 203, ACG 204, CIS 201, FIN 201, LGLS 211, MGT 200, MGT 201, MKT 201 and senior standing
Session Cycle: Fall, Spring, Summer
Yearly Cycle: Annual.

BUS 413. Multinational Business Simulation. 3 Credit Hours.
This course involves a semester-long computer simulation in which the participants, working together in small teams, play the management roles of competing multinational firms. Though the course heavily emphasizes finance, marketing, participants will need to master all aspects of running an enterprise. The course offers many noteworthy features: international scope, strategic focus, lots of written and oral communication, considerable analytic work using spreadsheets and various statistical packages, and coping with sticky ethical and environmental issues. Students will develop leadership, as well as team building skills. This course is cross-listed with FIN 413, MGT 413 and MKT 413.
Prerequisites: FIN 201, MKT 201 and senior standing
Session Cycle: Fall
Yearly Cycle: Annual.

BUS 491. General Business Practicum. 6 Credit Hours.
Qualified students work and study in a business, educational or private institution, earning from six to nine credit hours, depending on the academic nature of the effort and the amount of time committed to the internship. Students develop a major research project directly related to the practicum.
Prerequisites: junior or senior standing and the approval of the department chair.

Communication (COM)

Courses

COM 202. Public Speaking. 3 Credit Hours.
This course is designed to help students learn how to communicate in public contexts. By the end, students should be able to research, outline, and organize public messages that are informative, persuasive, and celebratory in nature; analyze an audience; understand how verbal and nonverbal components of delivery influence speaker credibility; develop strategies to reduce and manage fears about communicating in public contexts; create and use visual aids appropriate to the message; answer questions effectively and efficiently; and develop the ability to think critically and creatively. Speakers and audiences live and interact in a multicultural society. As such, this course will also examine both the speaker and the audience as members of co-cultures.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

COM 203. Introduction to Communication. 3 Credit Hours.
The purpose of this course is to explore various topics related to communication. Students will learn how communication is defined and how research in the field is performed and evaluated. Furthermore, students will be introduced to various theories in communication as well as some of the common areas within the field (interpersonal, mass, health, intercultural, small group, etc.) Students taking this course can expect to apply the knowledge they gain to various aspects of their personal and professional lives, engage in critical thinking skills, and become familiar with the many options and career choices that study in communication can provide.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

COM 204. Honors The Process of Communication. 3 Credit Hours.
This course provides students with an in-depth introduction to the fundamental philosophies underlying the field of communication. It is a sophisticated, seminar-structured class designed for students who have declared communication as a major or minor and for those considering pursuing a degree in communication. As an honors course, this class takes a deeper, more detailed look at communication as a process and at a number of important concepts (areas of study) in the discipline. Likewise, course expectations of student performance and output are high. Students who received credit for COM 203, Introduction to Communication cannot receive credit for COM 204.
Prerequisites: Honors Program
Session Cycle: Varies
Yearly Cycle: Annual.

COM 230. Introduction to Film Studies. 3 Credit Hours.
This course has three major aims: to introduce students to what might be called the language of film, to investigate the relationship between movies and culture, and to consider film as both an art form and a social practice. Students will examine the tools filmmakers employ to bring their works to the screen, including cinematography, production design, acting, editing, music, sound design, and narrative structure. Students will also focus on how the cinema both reflects and perpetuates aspects of culture, investigating images of masculinity, femininity, class, and race relations. By semester's end students should have a much clearer sense of what goes into the making of movies, and should have become more active, critical viewers of film. This course is cross-listed with LCS 230.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

COM 242. Basic Studio Production. 3 Credit Hours.
This course is an introduction to television production in which, through basic studio exercises and productions, students become familiar with the tools of the medium and the processes involved in the creation of completed video content. Emphasis is placed on understanding the role played by software and hardware in the structuring of visual, auditory, and motion elements to communicate through television.
Session Cycle: Varies
Yearly Cycle: Annual.

COM 243. Basic Field Production and Editing. 3 Credit Hours.
This course focuses on two areas: field production and editing. Students will learn how to shoot television content on location (outside the studio environment). Students will also learn basic post-production theory and techniques.
Session Cycle: Varies
Yearly Cycle: Annual.

COM 251. Written Communication. 3 Credit Hours.
Students in this course analyze and write various messages appropriate to a variety of communication settings and distribution platforms, traditional and digital. The course emphasizes the interpersonal and ethical aspects of modern writing style and structure, with special attention to professional or career writing.
Session Cycle: Varies
Yearly Cycle: Varies.

COM 252. Professional Writing as Storytelling. 3 Credit Hours.
Contemporary professional writing stresses telling stories that reinforce or expand the brand, that is, the organization's identity. Stories are the way that humans make sense of the world. When we talk about our pets or our family members, we don't simply describe them. We tell stories about them. This reality has changed the way communication is practiced at the corporate level. Today, effective writing consists of a strong narrative and a powerful storyline, both of which now trump style and flash. Organizations are not faceless entities sending information to people; rather they are now people connecting with people, especially in this age of sharing and social media. This class teaches the process of telling great stories in differing lengths and formats for diverse platforms. Students take their basic writing skills and, with peer and instructor evaluation, shape and refine those skills through storytelling writing that will have vast implications for a variety of professional careers.
Session Cycle: Spring
Yearly Cycle: Annual.

COM 260. Media Literacy. 3 Credit Hours.
This course provides students with the necessary tools for examining mass media content from a critical perspective. Students will be able to discuss the literacies, print and visual, and the societal importance of both on the personal and cultural levels. Students will "read" advertisements, both broadcast and print, observe TV programming genres such as "reality TV" and news, study the effects of production values on film content, and deal with texts in other media such as the Internet, videogames, radio, magazines and newspapers. Once students learn to read, interpret and critically examine media texts, they will be able to apply those skills to various audiences.
Session Cycle: Varies
Yearly Cycle: Alternate Years.

COM 270. Interpersonal Communication. 3 Credit Hours.
This course is intended to be an introduction to interpersonal communication and examines concepts/contexts relevant to the study of communication in relationships e.g. language, perception, nonverbal signals, conflict, etc. The focus of the course will be on the various elements that impact relationships, as well as how these elements occur in the context of different types of social interactions. In addition, the course is designed to encourage students to increase their understanding of the research that is guided by these elements and the application that has to real-world experiences.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

COM 272. Mass Communication. 3 Credit Hours.
This is the basic introductory course in the area of mass communication. It is designed to provide an overview of contemporary mass media industries and trends, as well as an examination of the historical, economic, political, and cultural factors that have shaped their development. Students are introduced to theories and effects involving all forms of mass communication and the different areas it encompasses including both print and visual media.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

COM 275. Introduction to Linguistics. 3 Credit Hours.
The purpose of this course is to describe the intuitive knowledge that a native speaker of a language possesses, allowing greater insight into the intricacies of human language. Topics include morphology, syntax, semantics, phonetics, phonology, pragmatics, sociolinguistics, language acquisition and change, artificial language, and writing systems. This course is cross-listed with ML 275.
Session Cycle: Fall
Yearly Cycle: Annual.

COM 280. Introduction to Health Communication. 3 Credit Hours.
This course provides students with an introduction to the area of health communication, an area that is large and multifaceted. Students taking this course will learn about a variety of topics that provide the foundation for work in health and health communication. Topics include (but are not limited to): patient-provider interactions, impact of politics on health, health literacy, health across the lifespan, influence of technology on health, and the role of culture in health.
Session Cycle: Varies
Yearly Cycle: Varies.

COM 332. Writing and Reporting for Broadcast and Digital Media. 3 Credit Hours.
This course gives students hands-on learning and experience creating broadcast and digital news content. Course assignments are filmed in the television studio, but with an emphasis on the “nontechnical” aspects of electronic journalism. Specifically, students learn the communication skills that producers and reporters use when researching and writing news stories, conducting interviews, and delivering news live on the air or via the Internet. This course is also recommended for those with an interest in public relations, or for those who simply want to sharpen their writing and presentation skills.
Prerequisites: Sophomore Standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

COM 343. Narrative Filmmaking. 3 Credit Hours.
Information that is embedded in a narrative (story) is more easily understood and remembered, and increases our interest by generating curiosity and anticipation. Narrative also elicits an emotional response that can motivate us to think, feel, or act differently. Thus, storytelling is a powerful tool for more effective communication in any professional environment. This hands-on course teaches fundamental skills that filmmakers use to tell fictional narratives (stories) in filmed media. Students learn what narrative is, how to create it, and how to shape it using camera and editing techniques. Other topics include how to direct actors, maintain continuity, and use the soundtrack more creatively. Students shoot and edit their own short films, which are then screened in class.
Prerequisites: Sophomore Standing
Session Cycle: Fall
Yearly Cycle: Alternate Years.

COM 344. Sports Media Production. 3 Credit Hours.
Covering a live sporting event is one of the most dynamic forms of video-mediated communication. The pace is fast, the narrative largely unscripted, and creative and editorial decisions must be rapidly. This course uses sports broadcasting as a platform for confronting the challenges of live, remote production. Classroom instruction is reinforced by hands-on experience, as students work in production groups to create network-style, multi-camara broadcasts of Bryant athletic events. Rotating through various roles and responsibilities, students develop skills in multi-camera directing, field production, video editing, writing, reporting, announcing, and special effects. Also, students learn how to identify, shape and present the narrative (story) elements of public events as they unfold. (Note: Students must be available for the broadcast of three Saturday afternoon games during the semester).
Session Cycle: Varies
Yearly Cycle: Alternate Years.

COM 345. Documentary Filmmaking. 3 Credit Hours.
In this course students learn how to create films using nonfictional "real" content as source material. The course covers all the creative aspects of documentary production: choosing a topic, creating a quasi-narrative framework, directing, writing and editing. Lectures, screenings and film assignments also explore how the filmmaker's communicative goal and point of view are expressed in a variety of modern documentary styles. And on the most practical level, students learn how to meet the challenge of scheduling a production based on "real" events that are often beyond the filmmaker's control. This course is also recommended for those who have an interest in journalism (both TV and print) or public relations for the non-profit sector.
Prerequisites: Sophomore standing
Session Cycle: Varies
Yearly Cycle: Alternate Years.

COM 352. Writing for Social Media. 3 Credit Hours.
Much of today's Internet writing—personal, professional, and commercial—takes place on social networking sites (SNS). And while individual sites carry specific freedoms and limitations (for example, the number of words allowed, the size and scope of the legitimate audience, the availability of still and video imagery and sound), the specific writing techniques demanded by SNS differ dramatically from more traditional narrative writing. This class explores the demands, limitations, and potential of effective SNS writing and the different distribution platforms available for SNS writing. Students will have ample opportunity to practice their skill and receive peer and instructor evaluation.
Session Cycle: Fall
Yearly Cycle: Annual.

COM 353. Writing for Rich Media. 3 Credit Hours.
Media's contribution to effective communication—interpersonal and mass—falls along a continuum of rich to lean, employing criteria such as the presence of instant feedback, the use of multiple cues and natural language, and a medium's personal focus. As such, contemporary digital media encourage the writing (and audience expectation) of rich content, stories that contain original text, borrowed text, links to enriching, explanatory, or historical material, embedded video and audio, and opportunities for instant, often synchronous feedback. This class explores the potential of rich media in writing across a number of contexts, personal and professional, and provides practice and evaluation of students' rich media efforts.
Session Cycle: Fall
Yearly Cycle: Annual.

COM 359. The Sociological Imagination: What We See When We Watch T.V.. 3 Credit Hours.
This course uses the Sociological Imagination as the lens through which to analyze of the content of television. We will apply "The sociological imagination" (C. Wright Mills famous concept) to episodes of "The Wire", an HBO series that ran for five years. We will examine the lives of the characters and "urban space" as chronicled in "The Wire" including the work, neighborhoods, the city, morality, sexuality, politics, "childhood," gender and gender expression, race and social justice. We will also consider the relationship between social structures, culture, structure and agency. This course is cross-listed with SOC 359.
Session Cycle: Fall
Yearly Cycle: Annual.

COM 360. Crisis and Risk Communication. 3 Credit Hours.
The need to assess, understand and implement an effective communication strategy following a crisis or risk event is becoming increasingly important. Whether dealing with the fallout from an environmental disaster, warning the public about a health hazard, interacting with the public on issues of terrorism, or addressing an organizational crisis, the need for an effective communication plan and its successful implementation is high. This course will focus on examining the intricate parts to the crisis/risk communication process, plan and implementation.
Session Cycle: Spring
Yearly Cycle: Alternate.

COM 361. Public Relations. 3 Credit Hours.
Students in this course consider the public relations process with emphasis on how corporations and other institutions relate to their various publics. Readings and discussions center on methods of conducting effective public relations and on legal and ethical issues. Students plan programs and copy for various media.
Session Cycle: Varies
Yearly Cycle: Annual.

COM 362. Advanced Public Speaking. 3 Credit Hours.
This course helps students develop confidence and ability in a wide variety of speaking situations. Students examine the oral communication modes used in business and other contexts, including the interview, the conference, and the meeting. The major focus is on learning how to make effective presentations in diverse professional areas.
Prerequisites: COM 202
Session Cycle: Varies
Yearly Cycle: Varies.

COM 363. Communication and Conflict Management in Intimate Relationships. 3 Credit Hours.
The purpose of this course is to introduce students to the study of conflict and the role that communication plays in causing, escalating, and/or managing the conflict process. After exploring basic elements of the conflict process (e.g. attributions, goals, power, tactics, etc.), the class will examine ways of altering negative conflict cycles, and the nature and effects of conflict in various intimate relationships such as parent-child relationship, same- and cross-sex friendship, and dating and marital relationships. This course is appropriate for anyone wishing to gain a better understanding of the complexities of interpersonal conflict as well as better and worse ways of managing the process.
Session Cycle: Varies
Yearly Cycle: Annual.

COM 365. Language, Culture, and Communication. 3 Credit Hours.
This course addresses such questions as what makes communication possible, why intended meaning of messages often get misunderstood, and how linguistic, cultural, and social differences affect communication. Through readings, discussions, and analyses of communicative interaction across a broad range of cultural contexts, students will learn how human communication is profoundly shaped by the differences among the peoples of the world.
Session Cycle: Varies
Yearly Cycle: Alternate Years.

COM 366. Intercultural Communication. 3 Credit Hours.
Intercultural communication is the systematic study of communicative interaction between individuals and groups whose cultural understandings, presuppositions and value orientations are distinct enough to exhibit clear effects on the course and consequences of communicative events. Students will be introduced to key concepts and issues in intercultural communication; and through the analysis of case studies of intercultural encounters within different settings in the U.S. and abroad, students will learn to understand the ways in which subtle connections between "culture" and "communication" are implicated in a broad range of interpersonal difficulties from "culture shock" to open conflict.
Session Cycle: Varies
Yearly Cycle: Alternate Years.

COM 367. Small Group Communication. 3 Credit Hours.
This course is designed to (a) give students a better understanding of the communicative practices that make a small group successful, and (b) provide students with the tools to diagnose and rectify potential obstacles to good group work. Students will accomplish these objectives by surveying theory and research in key areas of small group communication including cohesiveness, conflict, power, conformity and deviance, social influence, group roles and processes, group structures, leadership, and decision-making skills. In addition, students will have the opportunity to apply such theory and research by interacting in a small group environment to solve a problem, and then analyzing what their group did right and what their group did wrong.
Session Cycle: Varies
Yearly Cycle: Varies.

COM 370. Media Organizations. 3 Credit Hours.
This course is designed to introduce students to major issues involved in the management, production, and distribution of the mass media. Topics include the technical side of media production, the history and development of media organizations, business aspects of broadcasting and cable, media regulation, societal effects and the impact of new technology on traditional broadcast media. The focus will be on the history and development of media organizations and how they have helped shape American culture. Students will also discuss the impact of new technology such as HDTV and internet television. This class will examine how the media are both products of social forces as well as social forces in their own right.
Session Cycle: Varies
Yearly Cycle: Alternate Years.

COM 380. Nonverbal Communication. 3 Credit Hours.
This course provides an in-depth study of nonverbal communication, such as body language, eye contact, touch, vocalics, etc. It does so in two ways. The first will be to examine various theories and research about the codes and communicative functions of nonverbal behaviors. This will provide an understanding of the importance, persuasiveness, and effect of nonverbal communication, and the role it plays in the overall communication process. The second way that the course will examine nonverbal communication is to experience actively how people use it, and discover what happens when nonverbal rules are violated. This course will provide students with a subjective awareness of their own and others nonverbal messages.
Session Cycle: Varies
Yearly Cycle: Alternate Years.

COM 390. Communication Research Methods. 3 Credit Hours.
The purpose of this course is to introduce students to research methods and concepts used in the field of communication. During the course of the semester, students will learn about available resources valuable to researchers in this and other related fields, and will explore a number of different research techniques (e.g., surveys, experiments, content analyses, etc.). To help them better understand the communication literature, students will also be introduced to some basic statistical techniques used in the analysis of research data.
Prerequisites: COM 203 or COM 204 and MATH 201
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

COM 391. Communication Internship. 3 Credit Hours.
Students engage in individually supervised work in communication and learn to apply communication skills, concepts, and theory to the work environment. Interns work at least ten hours per week on the job, meet periodically with a supervising faculty member, do research related to the employment field, and prepare a report on the work experience and studies involved.
Prerequisites: Approval of a supervising faculty member and the department chair and junior/senior standing.

COM 442. Advanced Television. 3 Credit Hours.
Assuming a basic understanding of studio and field video production, Advanced Television Production allows students to develop greater mastery of the medium's tools and required skills by working in a simulated professional production environment with tight deadlines and "client" participation. Students also expand their knowledge of media aesthetics as they create real television programs, from initial concept to actual broadcast on Channel 68 (or other broadcast outlet).
Prerequisites: COM 242 or COM 243 or COM 332 or COM 344 or COM 345 and sophomore standing
Session Cycle: Spring
Yearly Cycle: Alternate Years.

COM 443. Script to Screen. 3 Credit Hours.
In this course, students learn how content is shaped and reshaped (in a sense, rewritten) during each stage of production by developing an idea for a short video program and nurturing that concept through the production process from beginning to end. Students will write original scripts in a variety of formats, direct and edit their classmates' scripts, and devise ad copy to "sell" the completed projects to a target audience. Recommended for those who have an interest in media writing, producing, directing, editing, or marketing.
Prerequisites: COM 242 or COM 243 and junior standing
Session Cycle: Varies
Yearly Cycle: Alternate Years.

COM 450. Film Genre Studies. 3 Credit Hours.
A genre approach to film study (one which takes the way we might categorize a film as its point of departure) provides the most effective means for understanding, analyzing, and appreciating cinema because it sees moviemaking as a dynamic process of exchange between the film industry and its audience. This allows us to think about a movie not just as an aesthetic object, but also as a consumer item molded in part by the shifting demands of the mass market. A particular film, then, can tell us as much about the audience for which it's intended and the moment in history to which it belongs as it can about the institutions that produced it. This course examines the way this "dynamic process of exchange" works by looking critically at examples of genre filmmaking of the last several decades. This course is cross-listed with LCS 450.
Prerequisites: COM 230/LCS 230 and junior standing
Session Cycle: Varies
Yearly Cycle: Varies.

COM 452. Writing for Brand Creation and Digital Execution. 3 Credit Hours.
All professional writing is designed to attract an audience and hence, improve an organization's bottom line. This class investigates the role of writing in strategic business communication, from identification of a goal to measurement of success that, regardless of platform, builds, enhances, or maintains an organization's identity or brand. Students will research current methods of broadcasting content, tracking engagement based on interaction with content, and building an audience for more profitability. Additionally, strategies for compiling content to tell a compelling story of value and understanding the lifecycle of that content will be explored. Topics range broadly from identifying and representing in writing an organization's identity to more narrowly, techniques for optimizing content across a wide range of media.
Prerequisites: COM 252
Session Cycle: Spring
Yearly Cycle: Annual.

COM 453. Writing for Niche Media. 3 Credit Hours.
All media in the digital era are niche media. Even the largest national broadcast networks and global news sites rely on very specifically targeted essays and stories designed to attract specific sets of demographically similar readers who are sold programmatically (automatically by desired demographic) to sponsors. The success of any modern media outlet requires addressing the needs and tastes of as many disparate and fragmented audiences as possible. Information now finds its audience. As such, this course centers on identifying niche audiences, assessing their tastes and needs, and meeting them through "push" writing that is authoritative, compelling, and peer-to-peer, as well as scalable across a number of different platforms.
Session Cycle: Spring
Yearly Cycle: Annual.

COM 460. Advanced Media Literacy. 3 Credit Hours.
This class explores media literacy as an effective learning tool for teachers and parents, specifically as they attempt to strike a balance between traditional school curricula and the influences of a mediated, consumer culture. This class is a research class, which means there will be a heavy writing, research, and presentation component, as well as primary and secondary curriculum development. Some of the general topics to be discussed include the following: determining methods for incorporating media literacy skills into the "kinderculture," exploring measurements for determining quality media content, examining paradigm shifts in media education over the past five or six decades, and parental media education. Students will study the effects of media consumption as a systemic issue, with a main focus on children, teens and critical pedagogy.
Prerequisites: COM 260 or COM 272
Session Cycle: Varies
Yearly Cycle: Alternate Years.

COM 461. Advanced Public Relations. 3 Credit Hours.
This course emphasizes planning, researching, executing, and evaluating actual public relations campaigns. Students will work with various community based and non-profit clients and will conduct actual semester long promotional campaigns. At least one special event will be completed with each client. Public relations problem solving skills, as well as the fundamentals in news writing, public speaking, and media skills will be emphasized in this course.
Prerequisites: COM 361
Session Cycle: Varies
Yearly Cycle: Varies.

COM 463. Innovative Communication Applications. 3 Credit Hours.
This course focuses on the analysis of written and oral messages in an organizational environment. Students will learn major theories of organizational communication, structure, and culture. Students will apply these theories to real-world scenarios identifying and creating appropriate messages. Students will also create effective strategic communication plans to achieve measurable organizational objectives.
Session Cycle: Varies
Yearly Cycle: Varies.

COM 470. Argumentation and Persuasion. 3 Credit Hours.
Communicative efforts to influence us and our efforts to influence others are so common that we rarely give them a second thought--that is, until they do not work the way we intended. This course is designed to introduce you to theoretical and applied issues in the study of social influence. It presents a broad overview of the area with an emphasis on the creation and consumption of persuasive messages in a variety of contexts including advertising, politics, health, social marketing, and even our own interpersonal relationships.
Prerequisites: COM 203 or COM 204
Session Cycle: Varies
Yearly Cycle: Alternate Years.

COM 471. Advanced Interpersonal. 3 Credit Hours.
This course provides an in-depth look at a specific type of interpersonal relationship or interpersonal communication context. The specific topics for the course will rotate based on student and instructor interest. Students will extend what they have learned in COM 270 and apply interpersonal communication theories and research to specific situations. Examples of course topics include: marital and family communication, lifespan communication, and the impact of mood and emotion on communication.
Prerequisites: COM 203 or COM 204 or COM 270
Session Cycle: Varies
Yearly Cycle: Varies.

COM 472. Media Effects. 3 Credit Hours.
This course examines the impact of mass media on modern society. Topics include media cultivation, desensitization, priming, violence, agenda-setting, the knowledge-gap hypothesis, and media ethics. Effects on individual viewers as well as the impact of media on society will be explored in detail.
Prerequisites: COM 203 or COM 204
Session Cycle: Varies
Yearly Cycle: Annual.

COM 473. Gender and Communication. 3 Credit Hours.
This class is designed to explore the complex relationships among women, men, language, and communication from theoretical and practical perspectives. Students will be exposed to relevant gender and communication-related social and political issues, research findings, and theory in a wide variety of contexts. Some of the many specific questions to be addressed include (but are not limited to): What is gender? How do we become gendered? How do we display and perpetuate gender through our use of language and nonverbal codes? What are the effects of media on our experiences of gender? How do the popular media portray gender and sexuality? Additionally, we will explore differences and similarities in how men and women communicate and contrast research findings in these areas with those views espoused in popular literature.
Session Cycle: Varies
Yearly Cycle: Alternate Years.

COM 474. The Dark Side of Human Communication. 3 Credit Hours.
This course will investigate how individuals cope with social interaction that is difficult, problematic, challenging, distressing and disruptive. Specific topics to be covered may include jealousy, deception, infidelity, gossip, unrequited love, sexual coercion, stalking, breakups, and codependent relationships. In this seminar style course, students will study relevant research and theory and apply this research to real or hypothetical situations.
Prerequisites: COM 203 or COM 204 or COM 270
Session Cycle: Varies
Yearly Cycle: Varies.

COM 475. Discourse Analysis: Producing Social Realities. 3 Credit Hours.
Discourse Analysis describes, analyzes and critiques the diverse ways in which talk, text and image are socially constructed. At the same time, Discourse Analysis is concerned to address the ways in which cultural, historical and institutional fields both constrain and enable the routine social construction of talk, text and image, yet also emerge through time as the very products of routinized social constructions. This course is cross-listed with LCS 475.
Prerequisites: COM 203 or COM 204 and LCS 121 and junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

COM 478. Mass Communicaton in the Global Village. 3 Credit Hours.
This course focuses on cross-national comparative approaches to the study of communication policy and practice. It illustrates the value of comparative study through discussions of broadcasting, cable, telecommunications, culture and new media policies and practices such as those surrounding the Internet. This course focuses on the history, development, implementation and effects of global communication systems. There is an emphasis on how culture is a shaping force in the development of communication policy and practices in each country.
Session Cycle: Varies
Yearly Cycle: Annual.

COM 480. Advanced Health Communication Health Campaigns. 3 Credit Hours.
This course provides students with an in-depth look into the area of health communication and the specific context of health message design, health promotion, and health behavior change. Building upon knowledge gained in Introduction to Health Communication, students will be presented with various theories and models that are used in the field as well as strategies and campaigns that are currently being enacted in society. Students will gain practice in applying knowledge gained in this course as they select, research, design and implement a health campaign of their own.
Prerequisites: COM 280 and junior standing
Session Cycle: Varies
Yearly Cycle: Alternate Years.

COM 491. Senior Seminar in Communication Theory. 3 Credit Hours.
This course examines the major theories used in the study of human communication and the primary theoretical perspectives assumed by contemporary communication researchers. Because there is no single, grand theory of communication, the explanation of communication behavior has been undertaken by a number of other disciplines including anthropology, literary and cultural studies, cognitive and social psychology, sociology, and linguistics. Students will examine the contributions of each of these disciplines. An important focus of the class is on examining some of the epistemological assumptions upon which various theoretical positions are based. With a foundation in these assumptions, students should be able to grasp some unity in the midst of diversity.
Prerequisites: COM 203 or COM 204, junior/senior standing, and Communication major
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

COM 497. Directed Study in Communication. 3 Credit Hours.
This course permits the student to pursue a communication area of interest and relevancy. The work will be performed under the supervision of a faculty member who will help design the program of study and the requirements to be met by the student.
Prerequisites: This course requires departmental permission on the basis of the agreed - upon plan of study.

Computer Information Systems (CIS)

Courses

CIS 201. Introduction to Information Technology and Analytics. 3 Credit Hours.
Information technology has become deeply integrated with every business function. This course covers the role of Information Technology in supporting business process and major enterprise wide strategic initiatives, including Customer Relationship Management (CRM), Enterprise Resource Planning (ERP), Supply Chain Management (SCM), and e-Business. It examines the competitive impact of evolving technologies such as Mobile Computing and Social Networking. The course also covers the social, ethical, and security issues that arise with the use of technology. Various business scenarios/problems are presented to teach students how to use IT to formulate, analyze, and solve problems and to enhance their analytical skills. Students apply what they have learned and compete "team-to-team" in a sponsored course-wide analytical case.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

CIS 201G. Introduction to Global Information Technology and Analytics. 3 Credit Hours.
The world has changed dramatically in the past decade. One driving force behind this change is information technology that now connects virtually every part of the world and fundamentally changes the way all business is conducted. This course will provide a foundation of information technology concepts and application development in a global context. Students are expected to learn how various information technologies can be used to strengthen the business competitiveness globally, how information culture may vary in different countries, and how this variation may impact the adoption of information technologies. Students are expected to learn managerial issues pertaining to development of global information systems. Students will gain experience with database and spreadsheet tools (Access and Excel) which are necessary to be more productive in a global environment.
Prerequisites: BSIB major and GFOB 100G
Session Cycle: Spring
Yearly Cycle: Annual.

CIS 203. Honors Business Information Technology and Analytics. 3 Credit Hours.
This course introduces students to the key role that information technology plays in business organizations. Major topics include business information systems, information ethics and social issues, security, database fundamentals, telecommunication, e-commerce, m-commerce and traditional and emerging systems development methodologies. Students will also gain experience in developing a functional database application for a business case and then use the data in the database to create spreadsheet analyses to solve business problems related to the different business functions contained in the business case such as finance, marketing and management.
Prerequisites: Honors Program
Session Cycle: Spring
Yearly Cycle: Annual.

CIS 301. Legacy Systems Programming. 3 Credit Hours.
Using COBOL students will learn how to write, debug, and test a variety of business programs involving legacy systems. Structured programming design will be emphasized. Program activities include report design, sequential file processing, relative file processing, and indexed sequential file structure.
Prerequisites: CIS 201 or CIS 203
Session Cycle: Fall
Yearly Cycle: Alternate Years.

CIS 305. Using Technology for Effective Decision Making. 3 Credit Hours.
This course prepares students to analyze data and solve real-life business problems using spreadsheets and other relevant software. It challenges students to use critical thinking and analysis to find efficient and effective solutions to real-life situations. In addition, it teaches students to deal not only with immediate problems, but the inevitable "what if" scenarios that occur in business situations. Case problems from diverse fields of business, such as accounting, finance, marketing, and operations management, will provide additional practice in a real-world context.
Prerequisites: CIS 201 or CIS 203 and junior standing
Session Cycle: Fall
Yearly Cycle: Annual.

CIS 312. Mobile Device Application Programming. 3 Credit Hours.
This is a course in programming methodologies for mobile applications. Students apply a program development process involving problem definition, graphic design methodologies, and pseudo coding. The course will be devoted to writing, debugging, testing, and deploying a variety of applications for mobile devices. Topics include software development kits for mobile applications, Java, and mobile website development.
Session Cycle: Spring
Yearly Cycle: Annual.

CIS 314. Visual Basic Programming. 3 Credit Hours.
This is a course in programming methodologies using the popular Visual Basic.Net Language. Students apply a structured program development process involving problem definition, graphic design methodologies, and pseudo-coding. The course will be devoted to writing, debugging, testing and documenting a variety of programs for business applications. This course will provide students with the background and foundation for their continuing development as programmers.
Prerequisites: CIS 201 or CIS 203 and junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

CIS 332. E-Business Models. 3 Credit Hours.
E-Business is doing business activities over an IT platform that uses Internet-related protocols. E-Business activities include not only the business to consumer direct selling over the web but also business-to-business logistics, and all the back-end computer activities within the firm that use Internet protocols. Business organizations are implementing radical changes in the marketing, advertising, and delivery of their products and services. Through the implementation of electronic business technology, organizations are extending their boundaries beyond traditional "bricks and mortar" establishments to a new virtual marketplace that has global reach. Conventional business practices in the areas of advertising, marketing, production, and customer service are being radically transformed by this new platform that permits world-wide connectivity on 24/7 basis. Students will explore the competitive, economic, and global aspects of E-Business and will develop on-line projects and business plans.
Prerequisites: CIS 201 or CIS 203 and junior standing
Session Cycle: Varies
Yearly Cycle: Annual.

CIS 341. Database Management System Principles. 3 Credit Hours.
This course focuses on the principles of database design and application development in a database environment. Topics will include foundations of the database approach, objectives of this approach, advantages and disadvantages of database processing. A major emphasis will be placed on the Relational Database Model and will include techniques for designing and normalizing a Relational Database. Student projects will include developing application software using a database system. Second-semester junior standing is required. This is a required course for CIS concentrators and minors.
Prerequisites: CIS 201 or CIS 203 and junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

CIS 361. Interactive Digital Media. 3 Credit Hours.
This is an introductory level, hands-on, lab-based course where students will use electronic tools to create real-time digital media and web content. Dreamweaver, Flash, Illustrator and Photoshop will be used to build navigation schemes, sound, pictures, illustrations, animation and video. Prior knowledge of these tools is not necessary for successful completion of the course.
Session Cycle: Spring
Yearly Cycle: Annual.

CIS 391. Computer Information Systems Internship. 3 Credit Hours.
CIS internships give students the opportunity for supervised employment in an area where they can apply the information system principles and techniques they have studied through our curriculum. Interns work at least ten hours per week, meet periodically with a supervising faculty member, and prepare a substantive report on their work experience.
Prerequisites: CIS 341 and Junior standing is required.

CIS 441. Systems Analysis and Information Technology Consulting. 3 Credit Hours.
Programming is only a small part of designing information systems. A systems analyst works like an investigative journalist, gathering information about the business problem so that an effective technology solution can be designed and constructed. This course teaches you what to look for and how to find it. You will learn structured techniques and less-structured guidelines which will aid in the search for understanding of the organization, its existing systems, and the proposed system. Programming design techniques are also covered. Teams of students will develop a plan for building a complete computer information system for a real or fictitious company. This is a required course for CIS and IT majors.
Prerequisites: IT 330 or CIS 341 and senior standing
Session Cycle: Fall
Yearly Cycle: Annual.

CIS 470. Managing Global Information Resources. 3 Credit Hours.
Information systems provide the framework for decision making across the functional areas of an organization and are major enablers of globalization. This course provides a foundation in the principles and concepts of managing information resources in a global environment. The course focuses on alternative approaches to managing information resources such as computers, communication networks, software, data and information in organizations. Students will learn how multinational corporations are using IT to develop business solutions and obtain competitive advantage. Emphasis will be placed on viewing the organization in a global perspective, with the associated technological, cultural and operational issues that influence information resource management. Several real-world cases will be used to enhance students' understanding of the course materials.
Prerequisites: CIS 201 or CIS 203 and Senior standing
Session Cycle: Fall
Yearly Cycle: Annual.

CIS 472. IT Security and Risk Management. 3 Credit Hours.
IT Security provides an introduction to information security to prepare students for their future roles as business decision-makers. This course includes both the managerial and the technical aspects of IT security with an emphasis on the role of management. The organizing principle of the course is that information security is a problem for management to solve and not simply a matter of technology.
Prerequisites: CIS 201 or CIS 203 and senior standing
Session Cycle: Spring
Yearly Cycle: Alternate Years.

CIS 497. Directed Study in Computer Information Systems. 3 Credit Hours.
This course provides an opportunity for senior computer information systems majors to do independent, in-depth study or research. The student works on an individual basis under the direction of a member of the CIS Department. Normally the course requires the student to develop a substantial paper or project.
Prerequisites: permission of instructor and department chair.

CIS ST300. Special Topics in CIS Data Management in the Age of Big Data. 3 Credit Hours.
The main objective of this course is to provide students with an overview of the design and implementation of distributed, parallel databases that are capable of handling massively large data sets that may contain billions of rows of data. Students will be introduced to big data concepts and processing architectures for large data. Topics will include data warehouse, database components and architecture, data distribution, SQL, access, storage and data protection, and database tools and utilities.
Prerequisites: CIS 201 or CIS 201G or CIS 203.

CIS ST301. Special Topics in CIS Introduction to Managerial Issues in Information Security. 3 Credit Hours.
Securing business information is critically important, yet very difficult for modern organizations. This introductory course provides students an overview of information security management issues that must be addressed by organizations as new technologies such as cloud services and Internet of Things are changing the IT environment. Students will gain an understanding of security risks and protection of data and networks. As complex IT environments are difficult to protect, students also discuss how to respond to security incidents.
Prerequisites: CIS201 or CIS203 or CIS 201G.

Economics (ECO)

Courses

ECO 113. Microeconomic Principles. 3 Credit Hours.
This course introduces students to the basic principles of microeconomics, including the nature and method of economics and the role of the private and government sectors. Emphasis is placed on the firm, market structures, and resource allocation.
Session Cycle: Fall, Winter, Spring, Summer
Yearly Cycle: Annual.

ECO 114. Macroeconomic Principles. 3 Credit Hours.
Students in this course learn the basic principles of macroeconomics, including national income accounting, business cycles, income determination, and monetary and fiscal problems and policy. Also considered is international economics, including trade, comparative advantage theory, balance of payments, exchange rates, and trade and finance problems and policy.
Session Cycle: Fall, Winter, Spring
Yearly Cycle: Annual.

ECO 201. Money and Banking. 3 Credit Hours.
Unlike the real side of the economy, which is the actual conversion of resources into consumption, the financial system produces no tangible good that can be used to directly satisfy some need or want. Yet, no modern economy can exist without a well functioning financial system. The financial system impacts real economic activity by providing (1) ways to transfer economic resources through time, across geographic regions, and among industries, (2) ways to manage risk, (3) ways of clearing and settling payments to facilitate the exchange of goods, services and assets, (4) a mechanism for the pooling of funds to undertake large scale indivisible enterprise, (5) price information that helps coordinate decentralized decision making, and (6) ways to deal with the incentive problems when one party to a financial transaction has information that the other party does not, or when one party is an agent that makes decisions for another. This course will explore the financial system and its functions. Topics covered include the basic principles of money, credit and banking, their relation to prices and business fluctuations, the Federal Reserve System, monetary policy, and international macro-finance.
Prerequisites: ECO 114
Session Cycle: Fall, Spring, Summer
Yearly Cycle: Annual.

ECO 210. Research Methods in Economics. 3 Credit Hours.
Research Methods in Economics introduces students to the mathematical, statistical, programming, technical writing, and public speaking skills necessary to comprehend and conduct meaningful economic research. Students will be introduced to topics such as mathematical optimization, data analysis, regression, and writing techniques used to understand and analyze complex economic problems. In addition, students will complete an individual and unique research project to solidify the concepts learned throughout the course of the semester to prepare them for upper level courses in economics. Note: Students who have received credit for ECO 315 may not receive credit for ECO 210.
Prerequisites: Either ECO 113 or ECO 114, and MATH 201 and sophomore standing
Session Cycle: Fall
Yearly Cycle: Annual.

ECO 213. Economics of Social Issues. 3 Credit Hours.
The course objectives are to increase the student's knowledge and interest in the economic consequences of social issues and to provide the student with the basic analytical skills needed to assess social problems from an economics perspective. Students will learn how to determine the appropriate economic principles which, when applied, might bring about the reduction or resolution of particular social issues.
Prerequisites: ECO 113 or ECO 114
Session Cycle: Summer
Yearly Cycle: Annual.

ECO 265. Euro American Economic History. 3 Credit Hours.
A comparative history of the economic development and working class evolution in Europe as it relates to the growth of the U.S. style capitalism from the age of the Industrial Revolution to modern times. Transformation of world markets and the labor movement in a global environment will be examined. Topics include: the Industrial Revolution, class struggles, demographic aspects of the Labor Force, political coalitions/alliances, rise of capitalism and socialism, American exceptionalism, national differences, international aspects of unionism and the growth of economic activity worldwide.
Prerequisites: ECO 114
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ECO 310. Mathematical Economics. 3 Credit Hours.
Mathematical economics refers to the application of mathematical methods to represent economic theories and analyze problems posed in economics. The purpose of this course is to equip students with the mathematical tools needed for economic analysis which are unlikely to be taught in other classes. The course has four major goals: i) review mathematical tools of algebra and calculus; ii) introduce analysis of differential and difference equations; iii) introduce matrix algebra; and iv) introduce static optimization including the concept of duality.
Prerequisites: ECO 113 or ECO 114 and MATH 110 or MATH 121 or instructor permission
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ECO 313. Intermediate Microeconomics. 3 Credit Hours.
In this course, the behavior of business firms will be studied through an investigation of demand, supply and equilibrium under conditions of perfect and imperfect competition in the product market. Similar analytical techniques are then employed to examine the efficient allocation of the factors of production.
Prerequisites: ECO 113
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ECO 314. Intermediate Macroeconomics. 3 Credit Hours.
This course examines macroeconomics concepts and problems. Students will develop the analytical capability to determine how aggregate demand and aggregate supply are influenced by the public and private sectors as measured by changes in employment, inflation, national output, and international trade. An analysis will also be made of the impact of selected macroeconomic policies that employ classical and Keynesian recommendations for increasing real national output while maintaining price stability.
Prerequisites: ECO 114
Session Cycle: Spring
Yearly Cycle: Annual.

ECO 315. Econometrics. 3 Credit Hours.
This course is an introduction to basic econometric techniques and strongly emphasizes on statistical applications to economic theories. Students consider problems in estimating such economic variables as consumption-income-price relationships, production functions as well as problems in simulating economic models.
Prerequisites: ECO 113 or ECO 114 and MATH 110 and MATH 201
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ECO 340. Sports Economics. 3 Credit Hours.
This course applies microeconomic principles and theories to the sport industry. The core microeconomic fields of Industrial Organization, Public Finance and Labor Markets are the focus of this course to examine professional and college sports. Topics of particular interest are but not limited to sports franchises and profit maximization, monopoly behavior and union role, salary determination, and discrimination, cost-benefit analysis, investment decisions on stadiums and teams.
Prerequisites: ECO 113
Session Cycle: Fall
Yearly Cycle: Annual.

ECO 350. America and the Free Market. 3 Credit Hours.
The influence of the free market philosophy in the U.S. extends far beyond the market place or the economic arena. This course examines these influences and the consequences of the adoption of free market economics on many aspects of U.S. society including its influence on the economy, political economy, politics, socio-economic policies, education, culture, and media among others. There is a particular focus on the relationship between the ideals of free markets and democracy.
Prerequisites: ECO 113
Session Cycle: Spring
Yearly Cycle: Annual.

ECO 363. Industrial Organization: American Industry. 3 Credit Hours.
Industrial Organization is concerned with the way markets and industries are structured and the behavior and performance of firms in those markets and industries. Topics to be covered in this course include oligopoly, pricing strategies, research and development, barriers to entry, and advertising. Specific industries such as steel, autos, and computers will be examined.
Prerequisites: ECO 113
Session Cycle: Fall
Yearly Cycle: Alternate Years.

ECO 364. Industrial Organization: Government and Business. 3 Credit Hours.
The emphasis in this course is on the application of economic concepts and tools to evaluate the effectiveness of government antitrust laws and regulatory practices in bringing about a more competitive economic system. Topics include price fixing, predatory pricing, and price determination. The origins and tasks of Federal and State Regulatory Commissions are also examined.
Prerequisites: ECO 113
Session Cycle: Fall
Yearly Cycle: Alternate Years.

ECO 367. Economic Development. 3 Credit Hours.
An analysis of developing nations. Areas covered include characteristics of developing countries; economic, social, and political problems; foreign aid and trade; the role of governments; human and non-human capital formation; and some case studies of individual countries.
Prerequisites: ECO 114
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ECO 376. Cultures and Economies in Transition. 3 Credit Hours.
This seminar will explore the origins and evolving complexities of the enormous cultural and economic transformations that are underway in the Newly Independent States (NIS). In particular, it will carefully situate the ongoing economic transformation within a broader cultural, historical, and political context. Special emphasis will be placed on how the rapid collapse of the Soviet Union's command economy, and the resulting cuts in defense spending, have created critical problems for both the West and the Newly Independent States. This course is cross-listed with HIS 376, Cultures and Economies in Transition.
Prerequisites: ECO 114
Session Cycle: Spring
Yearly Cycle: Annual.

ECO 391. Economics Internship. 3 Credit Hours.
Economics internships give students the opportunity for supervised employment in an area where they can apply economic theories and principles. Interns work at least ten hours a week, meet periodically with a supervising faculty member, do research on their field of employment, and prepare a substantive report on their work experience and research. Approval required by a supervising faculty member and the department chair.

ECO 393. Managerial Economics. 3 Credit Hours.
This course is concerned with how economic principles and methodologies can assist managers in business and other organizations to make decisions. Areas of analysis include, but not limited to, supply and demand, production and cost, market structures and pricing, economics of information and managerial strategies, and the role of government in the market place.
Prerequisites: ECO 113
Session Cycle: Summer
Yearly Cycle: Annual.

ECO 397. Directed Study in Economics. 3 Credit Hours.
ECO 397 enables students (sophomores, juniors and seniors) to do an independent study of a specialized topic with an economics faculty member.

ECO 413. Applied Microeconomics: Case Studies. 3 Credit Hours.
This course, with its case study focus, examines the application of microeconomic theories to real business and industry environments. Issues of supply and demand, market structures, government intervention, and resource markets are among a few of the topics of discussions and analyses.
Prerequisites: ECO 113 and ECO 114 and junior standing
Session Cycle: Fall
Yearly Cycle: Annual.

ECO 414. Applied Macroeconomics: Case Studies. 3 Credit Hours.
This course covers core issues in macroeconomics at an advanced level. Topics covered will include long term growth, short term fluctuations and policy issues. The course centers on macroeconomic practical applications and issues by integrating case studies and journal articles. The overall goal is to gain a broad and critical understanding of models that can help to analyze specific policy issues in the global environment.
Prerequisites: ECO 113, ECO 114 and ECO 314 and junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

ECO 415. Applied Econometrics for Business and Policy. 3 Credit Hours.
A fundamental problem faced by decision makers is to obtain solid empirical evidence to support or reject their propositions. Consequently, markets and governments are increasingly demanding professionals who can apply sophisticated statistical tools to obtain empirical evidence that can be used to analyze complex problems and make decisions. Applied Econometrics for Business and Policy is designed to apply modern methods of empirical analysis to the task of making informed choices related to business and policy projects. It is a hands-on-the-data course that gives to students practice and the tools to analyze a variety of economic and business problems.
Prerequisites: ECO 113 and ECO 114 and ECO 315 or FIN 311 or or MATH 350 or AM 332
Session Cycle: Fall
Yearly Cycle: Alternate Years.

ECO 450. Current Affairs of East Asian Economy. 3 Credit Hours.
This course will encourage discussions of a variety of current economic issues in East Asian economy. To understand how three East Asian nations (China, Japan and Korea) have followed different economic development paths students will learn economic growth and development theories as well as their historical backgrounds. Within these theoretical frameworks, students will develop analytical skills to better understand the economic growth and development mechanism in the global setting. Students will also study how these economies have been affected by globalization.
Prerequisites: ECO 114 and sophomore standing
Session Cycle: Fall
Yearly Cycle: Annual.

ECO 461. Environmental Economics. 3 Credit Hours.
This course develops and uses microeconomic principles to better understand current environmental issues. Attention is given to the efficient use of environmental resources. Various public policies dealing with environmental problems such as acid rain, global warming and air and water pollution are discussed and analyzed. International comparisons regarding environmental policy is incorporated.
Prerequisites: ECO 113 and ECO 114
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ECO 462. Public Finance. 3 Credit Hours.
This course examines the role of the federal government in the market when there are market failures. The course focuses on issues surrounding the efficient allocation of resources, the existing distribution of income and policies designed to stabilize the economy. The fundamentals of the personal income tax and social security tax are outlined and the impact on economic behavior is discussed. Similarly, federal expenditures for health, social security, education, and welfare are evaluated.
Prerequisites: ECO 113 and ECO 114
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ECO 463. Labor Economics. 3 Credit Hours.
This course deals with a discussion of a variety of economic topics in the labor market. To understand how the labor market works, students will learn labor economic theories such as theories of labor supply, labor demand, and human capital. With theoretical frameworks, students will be able to better understand and examine government policies toward the labor market. Students will also study how the U.S. labor market is affected by globalization.
Prerequisites: ECO 113 and ECO 114
Session Cycle: Spring
Yearly Cycle: Annual.

ECO 471. International Trade. 3 Credit Hours.
International Trade offers a broad overview of international economic theory and its application to analyze real world events. A wide range of issues will be discussed including comparative advantage, gains from trade, protectionism, the effects of trade on economic performance and income inequality, the balance of payments, and major issues of finance. It will also examine political and economic development. By the end of the course students should be able to i) analyze and interpret international trade issues; ii) apply basic concepts of international economics to analyze current events and policy topics, and iii) critically evaluate the impacts of international trade on society's well- being.
Prerequisites: ECO 113 and ECO 114
Session Cycle: Fall
Yearly Cycle: Annual.

ECO 473. Economics of Health and Medical Care. 3 Credit Hours.
This course will examine economic processes in the health care industry of the United States. It provides the student with an understanding of how decisions are made by providers, consumers, and the third party payers for pricing and the quantity of healthcare services. This course will cover decision-making models, analyze policy issues and investigate political and economic aspects of the health care industry. Among the topics covered are market mechanism and structures, government intervention, health care reform and insurance, and ethics in health care.
Prerequisites: ECO 113 and ECO 114
Session Cycle: Fall
Yearly Cycle: Alternate Years.

ECO 480. Economic Growth Policy and Practice. 3 Credit Hours.
The factors determining long-term economic growth have been a major concern for economists and governing bodies for many years. The general purpose of this course is to begin to discover what is known about the determinants of long-run economic growth. The course has three major specific goals: i) briefly look and discuss the historical record related to cross-country economic growth; ii) introduce students to the economics of growth and examine how economic theory explains the actual growth record of the world's countries; and iii) apply economic growth models to investigate topics of special interest to students.
Prerequisites: ECO 113 and ECO 114 and junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

ECO 490. Capstone Economics Seminar. 3 Credit Hours.
This senior level capstone seminar is designed for students majoring in economics to explore specific economic research topic of their interest, either as part of a weekly seminar or as an individual directed study. This course requires students to apply and analyze economic analysis. Where applicable they will be required to present their research paper before economics faculty and students.
Prerequisites: Economics major or concentrator.

ECO 497. Directed Study in Economics. 3 Credit Hours.
ECO 497 Enables economics majors/concentrators to do an independent in-depth research or study of an advanced topic under the direction of a member of the Economics Department. The main requirement is the development of a professional quality paper (or other demonstration of mastery of the material.).
Prerequisites: ECO 113 and ECO 114.

ECO ST200. Special Topics in Economics Business and Economics of European Union. 3 Credit Hours.
The European Union (EU) is one of the pillars of the world economy. The gradual transition from free trade area to customs union to common market and, beyond, economic union is conducted in the analytical framework of economic integration. Topics to be discussed include the gradual removal of barriers, the business and financial framework and the Euro, trade policy, and the future of the European Union in view of the new entrants from Central and Eastern Europe.
Prerequisites: ECO 113 and ECO 114.

English as a Second Language (ESL)

Courses

ESL 100. English as a Second Language. 6 Credit Hours.
In this course students will work to strengthen their English fluency and communication skills in the areas of reading, writing, and listening/speaking as applied to academics and interpersonal communication. Upon completion of the course, students will understand main ideas in academic texts; communicate in writing with accuracy and fluency; produce well-organized compositions related to academic writing tasks; and students will have the skills necessary to be successful in academic situations such as understanding lectures, communicating effectively in class and in small groups, and giving clearly comprehensible formal presentations.
Prerequisites: Permission of the instructor is required
Session Cycle: Fall
Yearly Cycle: Annual.

Entrepreneurship (ENT)

Courses

ENT 380. Entrepreneurial Marketing. 3 Credit Hours.
This course examines key concepts, methods, and strategic issues relevant for start-up and early stage entrepreneurs. It examines the unique challenges facing entrepreneurs including, but not limited to, creation of a customer base; creating products or services with limited financial resources; understanding that conventional marketing techniques are likely prohibitive or, at a minimum, constrained by availability of money, manpower and time; marketing decision-making in the face of high levels of uncertainty and ambiguity.
Prerequisites: MKT 201 or MKT 201G or MKT 203 and junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ENT 381. Entrepreneurial Finance. 3 Credit Hours.
The important role of entrepreneurship in any economy has been well documented and is of interest to business persons, government, and society at large. Financing and growing a new venture--whether inside or outside the corporate structure--is a difficult, yet passionate task. Not all finance specialists have an entrepreneurial bent, while not all entrepreneurs have a financial background. This course introduces entrepreneurial finance, both for finance specialists seeking to learn more about entrepreneurial finance and for entrepreneurs seeking to learn more about the financial aspects of innovation and business growth. Based on an understanding of all the financial areas of entrepreneurial business, we apply the tools and analytic techniques of these areas to the new venture creation and growth processes with a global perspective.
Prerequisites: FIN 201 or FIN 201G and junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ENT 481. Creating a New Venture. 3 Credit Hours.
This course emphasizes the following major topics: searching the environment for new venture opportunities; matching an individual's skills with the new venture; evaluating the viability of the new venture; writing a business plan; financing and starting the new venture.
Prerequisites: Senior Standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ENT 482. Managing a New Venture. 3 Credit Hours.
A study in the management of the new business from its birth to its early adulthood, this course develops students' skills as a general management and entrepreneurial leader. The cases cover a diverse set of industries and a spectrum of sizes ranging from very small firms to quite substantial firms with hundreds of employees. The cases also involve a variety of operating, financing, and marketing disciplines.
Prerequisites: ENT 380 and ENT 381 or ENT 481 and Senior standing
Session Cycle: Spring
Yearly Cycle: Annual.

ENT 497. Directed Study in Entrepreneurship. 3 Credit Hours.
This course allows seniors concentrating in Entrepreneurship to do an in-depth study or research under the direction of a faculty member in Entrepreneurship.
Prerequisites: ENT 380 and ENT 381; an overall GPA of 3.0 or higher; approval of a supervising faculty member; and approval of the department coordinator.

Finance (FIN)

Courses

FIN 201. Financial Management. 3 Credit Hours.
This course deals with the financial management of the business enterprise and the role of the financial manager in value creation. Major topics include the time value of money, risk and return, security valuation, capital budgeting, cash and liquidity management, management of current liabilities, dividend policy, cost of capital, capital structure policy and the evaluation of alternative methods of financing.
Pre/Corequisites: MATH 201 or AM 231
Prerequisites: ACG 203 and GFOB 100
Session Cycle: Fall, Spring, Summer
Yearly Cycle: Annual.

FIN 201G. Global Dimensions of Financial Management. 3 Credit Hours.
This course deals with the financial management of the business enterprise and the role of the financial manager in value creation. The focus of this course is the increasing global dimension that the financial managers must address. Major topics include the time value of money, risk and return, security valuation, capital budgeting, cash and liquidity management, management of current liabilities, dividend policy, cost of capital, capital structure policy and the evaluation of alternative methods of financing. While this course deals with common finance problems, these problems are analyzed in a broader context with an international emphasis. Sophomore standing is required.
Pre/Corequisites: MATH 201
Prerequisites: BSIB major, ACG 203, and GFOB 100G
Session Cycle: Fall
Yearly Cycle: Annual.

FIN 311. Forecasting for Decision Making. 3 Credit Hours.
In this course students are introduced to the development of economic and financial forecasts for decision-making. Particular attention is given to the correlation of short term economic forecasts to sales trends in basic industries, interest rate levels, hot money movement, export-import balances, flow of funds, and true stock market performance. Financial models and statistical software will be used.
Pre/Corequisites: MATH 201 and FIN 312
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

FIN 312. Investments. 3 Credit Hours.
This course offers a broad perspective on investment objectives and determinants of investment decision making. Students are introduced to the characteristics of different investment vehicles, the function and operation of the markets in which they trade, measurement of returns and risks associated with investing, and analytical pricing techniques of investment securities. Portfolio management is introduced as a framework for developing security-pricing models. This course is held in the state-of-the-art Financial Market Center (FMC), an environment which exposes students to real-time financial information and enables them to practice with tools that operate on such information to solve typical problems faced by financial professionals.
Prerequisites: FIN 201 and MATH 201
Session Cycle: Fall, Spring, Summer
Yearly Cycle: Annual.

FIN 315. Financial Institutions and Markets. 3 Credit Hours.
This course is an introduction to the American financial system including banks, insurance companies and the capital market institutions. Considered are the various aspects of financial instruments, institutions, and markets, as well as the economic, technological and legal framework in which they operate.
Prerequisites: FIN 201
Session Cycle: Fall, Spring, Summer
Yearly Cycle: Annual.

FIN 340. Microfinance. 3 Credit Hours.
This course provides a unique opportunity to explore the role of microfinance in economic development, both from a theoretical and practical view point. Students will study the various contributions to economic development, wealth creation and social venture capitalism.
Prerequisites: FIN 201 or FIN 201G and junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

FIN 362. Capital Budgeting and Financial Strategies. 3 Credit Hours.
This is an advanced course in the theory and practice of long-term financial management. The purpose of this course is to extend the student's understanding of the material initially discussed in FIN 201 and to fill in gaps in understanding of various theories of modern financial management. Potential topics include value creation and value-driven management, advanced topics in capital budgeting, the international aspects of long term financial management, options in corporate finance, capital structure theory and dividend policy, lease analysis, mergers and the market for corporate control, and financial engineering. Case analysis and computer-based problem solving are important components of this course.
Prerequisites: FIN 201
Session Cycle: Spring
Yearly Cycle: Annual.

FIN 368. Multinational Finance. 3 Credit Hours.
This course examines methods of managing the financial aspects of multinational corporations. After reviewing the international monetary system, international finance, and international money and capital markets, students study financial policies and strategies of multinational corporations. Topics include the methods and process of financing international trade, hedging and arbitrage, risk analysis, and insurance and guarantee program. Also considered are the application of capital budgeting techniques and working capital management for foreign investments and tax considerations in making multinational financial decisions.
Prerequisites: FIN 201
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

FIN 370. Financial Statement Analysis. 3 Credit Hours.
This course is designed to prepare students to be more critical consumers of financial information. The focus of the course is the detailed understanding of financial information and how it can be used to make judgments about firm value. A central theme of the course is the role of management and strategy in presenting financial information. While this course will necessarily include some review of how financial statements are prepared, the emphasis is on how critical users can discover the "truth" about the firm and its industry.
Prerequisites: ACG 203, FIN 201 or FIN 201G and sophomore standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

FIN 380. Financial Modeling. 3 Credit Hours.
In this course students analyze and solve a diverse set of finance problems through the development of spreadsheet models concerning loan amortization, lease analysis, capital budgeting and risk analysis, cash budgeting, options pricing, capital asset pricing, and portfolio management. The course emphasizes the development of critical thinking skills, proficiency in research and use of financial data, and command of spreadsheet software such as Microsoft Excel.
Pre/Corequisites: FIN 312
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

FIN 381. Risk Management and Insurance. 3 Credit Hours.
Non-speculative risk and its management are the focus of this course. Students consider the identification and measurement of risk, models of risk management and applications of different types of insurance. Self-insurance and applications of purchased insurance product strategies are explored.
Prerequisites: FIN 201 and MATH 201
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

FIN 383. Real Estate Finance. 3 Credit Hours.
This course is a study of instruments, methods, and institutions involved in real estate finance. Students examine the financial techniques of risk and return evaluation, as well as the changes in mortgage market and economic environment. Emphasis is placed upon business real estate.
Prerequisites: FIN 201 and junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

FIN 391. Finance Internship. 3 Credit Hours.
Finance internships give students the opportunity for supervised employment in an area where they can apply financial theories and principles. Interns work at least ten hours a week, meet periodically with a supervising faculty member, do research on their field of employment, and prepare a substantive report on work experience and research.
Prerequisites: Overall G.P.A. of 2.5 or greater, FIN 312, approval of a supervising faculty member, and approval of the department chair.

FIN 413. Multinational Business Simulation. 3 Credit Hours.
This course involves a semester-long computer simulation in which the participants, working together in small teams, play the management roles of competing multinational firms. Though the course heavily emphasizes finance, marketing, and production decision making, participants will need to master all aspects of running an enterprise. The course offers many noteworthy features: international scope, strategic focus, lots of written and oral communication, considerable analytic work using spreadsheets and various statistical packages, and coping with sticky ethical and environmental issues. Students will develop leadership, as well as team building skills. This course is cross-listed with BUS 413, MGT 413 and MKT 413.
Prerequisites: FIN 201, MKT 201 and senior standing
Session Cycle: Fall
Yearly Cycle: Annual.

FIN 450. Securities Analysis. 3 Credit Hours.
This is the first course in a two course sequence intended to serve as a capstone experience for students majoring in finance with a focus in investments. Students will learn the basic techniques of securities analysis. These skills will be honed through analysis of real firms, and presentations to audiences which include investments professionals. Even students who do not complete the second course in the sequence should derive significant educational benefits from this course. In addition, the professional polish gained through the experiential facets of the course should render graduates more attractive to employers. This course is held in the state-of-the-art Financial Markets Center (FMC) an environment that exposes students to real-time financial information and enables them to practice with tools that operate on such information to solve typical problems faced by financial professionals.
Prerequisites: FIN 312, Junior standing and approval of instructor are required
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

FIN 454. Portfolio Management. 6 Credit Hours.
This is the second course in a two course student managed investment fund sequence which is intended to serve as a capstone experience for students majoring in finance with a focus in investments. Students will learn the basic tools and techniques of portfolio management such as asset allocation, diversification, security selection, measurement of portfolio risk and return, risk management and performance measurement. These skills will be honed through management of the Bryant University student managed fund, interaction with student securities analysts, and presentations to audiences which include investments professionals. A high level of professionalism will be required of all students admitted to this course. This course is held in the state-of-the-art Financial Markets Center (FMC), an environment that exposes them to practice with tools that operate on such information to solve typical problems faced by financial professionals.
Prerequisites: FIN 450
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

FIN 457. Equity and Commodity Derivative Securities. 3 Credit Hours.
In this course students are introduced to exchange traded and over-the-counter options, futures and other derivative securities. Development of pricing models from arbitrage arguments are used as the basis for identifying speculative and hedging applications involving equity securities and commodity options and futures. Applications of derivatives on equity securities in investments and corporate financial management are developed.
Prerequisites: FIN 312 and junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

FIN 458. Debt Securities, Derivatives and Investing. 3 Credit Hours.
The analysis, selection and management of debt securities are the topics in this course. The increasing complexity of the types and characteristics of debt securities being issued globally requires special analysis, along with an understanding of options and futures concepts. Bond derivative security pricing models and applications to managing portfolios of bonds are developed. Applications in managing debt security portfolios in financial institutions are explored in some detail.
Prerequisites: FIN 312 and Junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

FIN 460. Corporate Finance: Theory and Practice. 3 Credit Hours.
In this capstone class, students undertake a detailed study of long-term financial management. Using an overarching theme of value creation, students will examine such topics as capital budgeting, capital structure, leasing, project financing, corporate valuation, real options, mergers and acquisitions, LBOs, MBOs, dividend policy, hedging and managerial compensation. By employing a case study approach focusing on complex problems, students gain a deeper understanding of corporate forecasting, capital budgeting, cost of capital analysis, and the financing of capital investments.
Prerequisites: FIN 201 or FIN 201G, FIN 312 and junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

FIN 465. Innovations in Contemporary Finance. 3 Credit Hours.
Contemporary finance is a highly quantitative and technological field. The performance of global investments are evaluated and managed by increasingly more complex mathematical tools. This survey course will provide students the fundamental steps of technical and financial sophistication they need to solve critical problems and will develop their ability to successfully understand and communicate with industry professionals and investment clients both in the U.S. and around the world. The students will learn about the process of financial engineering. The course will utilize advanced mathematical methods.
Session Cycle: Fall and Spring
Yearly Cycle: Annual.

FIN 475. Management of Banking Institutions. 3 Credit Hours.
This course explores the theory and practice of managing depository institutions in today's dynamic banking environment. The course examines asset and liability management strategies and impacts on profitability of depository institutions.
Prerequisites: FIN 201 and senior standing
Session Cycle: Spring
Yearly Cycle: Annual.

FIN 497. Directed Study in Finance. 3 Credit Hours.
This course allows senior finance concentrators to do in-depth study or research under the direction of a member of the Finance Department.
Prerequisites: FIN 201, FIN 311 or FIN 380, FIN 312 and an overall GPA of 3.0 or greater, approval of a supervising faculty member, and approval of the department chair.

FIN ST300. Special Topics in Finance Financing the Supply Chain. 3 Credit Hours.
In this survey course students are introduced to the management of funds that flow behind goods and services traded around the world. Students will examine the tools, challenges, developments and opportunities of the field. In 1973 world merchandise exports were a mere $579 billion, by 2010 the figure was almost $15 trillion while by 2015 it had jumped to $19 trillion. The advent of globalization and the economic development of emerging countries have created nothing short of a revolution in the physical supply chain. A similar change has taken place in the financing side. Students will learn about commodity hedging, letters of credit, open accounts, export insurance and factoring; as well as understanding how working capital management affects the GSC.
Prerequisites: FIN 201 or FIN 201G and MGT 201 or MGT 201G.

Financial Services (FS)

Courses

FS 391. Financial Services Internship. 3 Credit Hours.
Students in this course participate in employment in the financial services sector under the supervision of a faculty advisor. Interns work a minimum of ten hours a week, meet periodically with a supervising faculty advisor. Interns work a minimum of 10 hours a week, meet periodically with a supervising faculty advisor, do research in their field of employment, and prepare a substantive report on their work experience and research.
Prerequisites: Junior standing, approval of the faculty advisor and financial services program coordinator.

FS 486. Securities Brokerage. 3 Credit Hours.
This course focuses on topics that relate to the critical functions and tasks of financial planners and securities brokers. These topics include the organization, participants, and functions of securities markets and the principle factors that affect them, the transaction procedures for various securities, forming and monitoring investment portfolios, and maintaining investment accounts.
Prerequisites: FIN 312 and instructor approval
Session Cycle: Spring
Yearly Cycle: Annual.

FS 497. Directed Study in Financial Services. 3 Credit Hours.
This course allows senior students in the Financial Services program to conduct independent, in-depth research under the supervision of a faculty advisor. Approval of the faculty advisor and Financial Services program coordinator is required. Senior standing is required.

Glob. Found. of Char. and Lead (GFCL)

Courses

GFCL 100. Global Foundations of Character and Leadership. 3 Credit Hours.
This course explores how multiple disciplinary frameworks and cross cultural perspectives can contribute to students' understanding of the concepts of character and leadership. The course emphasizes the importance of change over time, cultural responses to challenges and crises, and the ways our most common assumptions about character and leadership are legacies of social, political, economic, and cultural realities. Students are challenged to reexamine their values and assumptions, with the ultimate aim of developing the character and leadership skills required to make complex ethical decisions.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

Glob. Found. of Org. and Bus. (GFOB)

Courses

GFOB 100. Global Foundations of Organizations and Business. 3 Credit Hours.
This course poses fundamental questions about the creation and ethical deployment of intellectual capital within the context of global enterprise. The transformation of the world economy is creating a need for individuals with sophisticated skills, global perspective, expertise in multiple areas, and the ability to acquire new knowledge and skills as needed to meet the challenges of continuously changing business conditions. Successful organizations rely on collaborative efforts to solve problems and implement key initiatives. Such processes require individuals with a multi-disciplinary perspective and demonstrated skills in leadership, negotiation, communication, and time management. This course provides a foundation for the development of these traits, which will be reinforced throughout subsequent business courses.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

GFOB 100G. Global Foundations of Organizations and Business. 3 Credit Hours.
This course introduces students to the many facets of the global business environment and the unique challenges of global competition. It will help students understand the different factors and forces, political, social, cultural, as well as economic, among others that shape and change the global competitive landscape. Students will develop working knowledge of the various institutions governing and influencing international business, the international financial market, foreign trade and investment practice, and the management of multinational corporations. This course poses fundamental questions about the creation and ethical deployment of intellectual capital within the context of global enterprise. The transformation of the world economy is creating a need for individuals with sophisticated skills, global perspective, expertise in multiple areas, and the ability to acquire new knowledge and skills as needed to meet the challenges of continuously changing business conditions. Successful organizations rely on collaborative efforts to solve problems and implement key initiatives. Such processes require individuals with a multi-disciplinary perspective and demonstrated skills in leadership, negotiation, communication, and time management. This course provides a foundation for the development of these traits, which will be reinforced throughout subsequent business courses.
Prerequisites: BSIB majors
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

Global Studies (GLOB)

Courses

GLOB 241. Introduction to Global Politics. 3 Credit Hours.
This course is an introduction to the field of global politics, also known as international relations. It focuses on a variety of interconnected topics, including the development of the nation-state system and political interactions among countries over issues of war and peace, human rights, and economic and environmental policies. We also explore the evolution and work of international institutions such as the United Nations and the World Bank, and non-governmental international organizations such as environmental and human rights groups. This course is cross-listed with POLS 241.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

GLOB 242. Introduction to Global Anthropology. 3 Credit Hours.
This course studies the consequences of globalization for human beings as they come to understand and value themselves, their relations to others, and their "place in the world." Students discuss a number of challenges to traditional concepts of "culture" important to understanding an anthropological approach to the concept of globalization. The course approaches "globalization," the movement of information, goods, services, capital and people throughout the global space, from a variety of perspectives, including discussion of global migration and diaspora and consideration of the globalization of media. This course is cross-listed with LCS 242.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

GLOB 243. Honors: The Anthropology of Globalization. 3 Credit Hours.
In this course, students interpret global transformations through studying anthropological texts and films that provide in-depth analysis of local-level instances of globalization. These ethnographic studies allow students to improve their specific knowledge of people and places throughout the world and also to develop more theoretically rigorous approaches toward explaining what is meant by the term globalization. To this end, students examine, among other themes, ethnicity to better comprehend issues of power, resources, and land in conflict situations; the movement of textiles to recognize post-Fordist social and economic practices; human trafficking to conceptualize commodification of the human body; and refugee migrations to understand transnationalism. In short, this course offers micro-level case studies, methods, and approaches toward learning about and explaining broad social and cultural processes. Students who receive credit for LCS 242/GLOB 242 cannot receive credit for this course. This course is cross-listed with LCS 243.
Prerequisites: Honors Program
Session Cycle: Spring
Yearly Cycle: Annual.

GLOB 271. World History Since 1500. 3 Credit Hours.
This course is an historical study of the major regions and cultures of the world during the last five centuries, with attention to their connections and interactions and to the development of global trends. Political, economic, social, intellectual, and cultural factors will be considered, and special emphasis will be placed on the emergence and the challenges of the peoples of the "third world". One theme will be an analysis of the processes of "modernization". This course is cross-listed with HIS 271.
Session Cycle: Spring
Yearly Cycle: Annual.

GLOB 290. Honors Politics of the Global System. 3 Credit Hours.
This honors course explores the current global political system. It examines major historical developments that shaped the actors and power distribution of the current system. Next, it explores competing international relations theories that attempt to explain the main motivations and realities guiding the behavior of actors in the system. Then, it focuses on contemporary issues with global implications. Subsequently, it examines recent and future challenges faced by particular key actors in the system as they attempt to shape the global system of the future. It concludes by returning to the system level to consider the prospects for global cultural clashes or peace through globalization. Students receiving credit for GLOB 241/POLS 241, Introduction to Global Politics, cannot receive credit for this course. This course is cross-listed with POLS 290.
Prerequisites: Honors Program
Session Cycle: Fall
Yearly Cycle: Annual.

GLOB 391. Internship in Global Studies. 3 Credit Hours.
Students learn the practical application of theories, principles, and skills derived from their course work in global studies in a work environment. Students engage in individually supervised work-study arrangements in which they must work at least ten hours per week on the job, meet periodically with a supervising faculty member, research global literature related to the field of the internship, and prepare a substantive report which blends their internship experience and the library research they have conducted.

GLOB 397. Directed Study in Global Studies. 3 Credit Hours.
This course is an opportunity for students to do independent, in-depth study or research for academic credit. The student works on an individual basis under the direction of a member of the global studies faculty. The main requirement of the course is the development of a substantial paper or project.

GLOB 490. Seminar on Global Issues. 3 Credit Hours.
This senior seminar is designed as an interdisciplinary capstone course for students in the Global Studies concentration or major. It will include an in-depth examination of an important global issue such as economic development, the population problem, or international security. Each student will study a particular global issue or policy problem and present it to the seminar as part of a semester-long research project.
Prerequisites: GLOB 241/POLS 241 or GLOB 290/POLS 290 and GLOB 242/LCS 242 or GLOB 243/LCS 243 and senior standing
Session Cycle: Spring
Yearly Cycle: Annual.

GLOB 497. Directed Study in Global Studies. 3 Credit Hours.
This course is an opportunity for students to do independent in-depth study or research for academic credit. The student works on an individual basis under the direction of a member of the global studies faculty. The main requirement of the course is the development of a substantial paper or project.

Global Supply Chain Management (GSCM)

Courses

GSCM 301. Supply Chain Management Concepts. 3 Credit Hours.
This course will introduce students to supply chain management concepts that are critical to business success in today's fiercely competitive environment. Global supply chain management involves coordinating and improving the flow and transformation of goods, services, information, and funds within companies and around the world, from raw materials to the final end user. This course integrates key functions of operations management, marketing, logistics, and computer information systems in order to analyze and design domestic and international supply chains. Topics will include relationship management, transportation and distribution, inventory control, purchasing, forecasting, production management, and the impact of technology on supply chain management.
Prerequisites: MGT 201 or MGT 201G
Session Cycle: Fall
Yearly Cycle: Annual.

GSCM 310. Supply Chain Integration. 3 Credit Hours.
This course is designed to help students synthesize concepts covered in other supply chain, marketing, operations management, accounting, and finance courses by providing an integrative framework for supply chain management decision-making in a global business setting. Students will learn how a business works internally and with its trading partners to build relationships and integrate demand and supply activities across the supply chain to efficiently and effectively deliver customer value. The hands-on learning will take place within a global supply chain management simulation where students assume the roles of suppliers and customers and work together to accomplish organizational and supply chain goals while competing with other supply chains. Topics include: market research, segmentation, customer value, new product development, relationship management, negotiation, production planning, distribution, accounting and financial planning.
Prerequisites: MGT 201 or MGT 201G, and ACG 203
Session Cycle: Spring
Yearly Cycle: Annual.

GSCM 320. Information Technology in Supply Chain Management. 3 Credit Hours.
The purpose of this course is to discuss how IT is used to enable supply chain management and to improve the performance of the supply chain. Major topics include the role of IT in the supply chain, enterprise resource planning (ERP), innovative technologies in the supply chain, IT enablers for supply chain performance, and internet based supply chain and supply chain security. Hands-on exercises in a simulated SAP ERP system and real-world cases will be used in helping students understand course concepts.
Prerequisites: CIS 201 and MGT 201 or MGT 201G
Session Cycle: Spring
Yearly Cycle: Annual.

GSCM 330. Basic Modeling and Analysis of Global Supply Chains. 3 Credit Hours.
This course will provide students with basic quantitative problem solving tools in logistics and global supply chain management. Students will learn how to diagnose and solve problems in networks of transportation, warehouse, inventory, and operations facilities, including facility location, material flows, vehicle routing, and general analytical decision-making. Upon completion, students should be comfortable using modeling tools fundamental to logistics and global supply chain management, with a focus on linear programming, integer programming, non-linear programming, and simulation. The course emphasizes use of spreadsheet programs as these are ubiquitous in business. No prior experience in spreadsheets or advanced mathematics/statistics is required. Students will have to demonstrate practical application of analytical and decision-making techniques, including professional presentation skills.
Prerequisites: CIS 201
Session Cycle: Fall
Yearly Cycle: Annual.

GSCM 391. Supply Chain Management Internship. 3 Credit Hours.
Individually supervised employment in an area of supply chain management involving the application of SCM theory and principles to the work environment. Students are required to work a minimum of ten hours per week on the job, meet periodically with their supervising faculty member, research related literature and prepare a substantive report on their work experience. The substantive report must contain content from the structured GSCM elective course it is replacing.
Prerequisites: GSCM 301 and junior standing.

GSCM 410. International Trade Logistics and Transportation. 3 Credit Hours.
This course provides basic preparation in transportation economics and management as well as international transport and logistics. The course is taught in two modules: International Transport and Logistics, and Logistics Analysis. Attention is given to how transportation pricing and tradeoffs work, shipper and carrier strategies, and logistics processes for moving goods and people internationally. Students will quantitatively develop and assess strategies for transportation and network planning, inventory decision making, facility location planning, and vehicle routing.
Prerequisites: MGT 201 or MGT 201G and Junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

GSCM 420. Process Analysis and Improvement. 3 Credit Hours.
Process Analysis and Improvement will introduce the student to a variety of decision making methods and tools that can be used to solve operational problems and facilitate strategic decision making. Process analysis and improvement methods covered include Six Sigma, Lean and A3 for Healthcare. Students completing this course will have a high level of Excel application knowledge and proficiency with Visio. The methods and tools used in this course are applicable to all types of organizations and supply chains.
Prerequisites: MGT 201 or MGT 201G and Junior standing
Session Cycle: Fall
Yearly Cycle: Annual.

GSCM 430. Global Sourcing and Supply Management. 3 Credit Hours.
Firms are increasingly developing sourcing and supply management as a source of global competitive advantage. As firms increasingly outsource manufacturing, the need for a strategic approach to global sourcing becomes more evident. The creation of value often requires careful coordination of activities across the boundaries of organizations, creating strategic alliances with suppliers, and viewing suppliers as an extension of the buying company. Students in this course will be provided with the fundamental tools and techniques to deliver value through supplier identification and selection, buying, negotiation and contracting, and supplier measurement and improvement. Through course readings and case analysis, students will learn how leading companies leverage sourcing and supply management to increase customer and shareholder value. Socially responsible procurement will be a focus of this course.
Prerequisites: GSCM 301 or GSCM 310 or GSCM 320 and senior standing
Session Cycle: Fall
Yearly Cycle: Annual.

GSCM 440. Corporate Social Responsibility in the Global Supply Chain. 3 Credit Hours.
The focus of this course is on corporate social responsibility from the perspective of the global supply chain. A wide array of topics will be covered including social and environmental reporting frameworks, risk management, supply chain ethics, sustainable business operations, closed-loop supply chains, LEED (Leadership in Energy and Environmental Design), disaster management and humanitarian supply chains, and corporate social responsibility standards, indices, rankings, and other performance measurements.
Prerequisites: MGT 201 or MGT 201G and junior standing
Session Cycle: Fall
Yearly Cycle: Annual.

GSCM 490. Empirical Applications in Supply Chain Management. 3 Credit Hours.
Supply chains exist whether or not they are managed. This capstone course will involve students in a study of best practices in managing global supply chains. A semester long, hands-on team based project with a global supply chain provider/industry member will allow students to demonstrate their skill sets and contribute to corporate success. Students will gain invaluable experience and become confident with their global supply chain knowledge and its applications, and participating supply chain providers/industry members will benefit through project efforts. Topics include: customer relationships, strategic sourcing, supplier relationships, logistics, strategic relationships, collaboration, performance measurements, alignment of goals, customer value, production planning, distribution, and financial planning.
Prerequisites: Two GSCM courses and senior standing
Session Cycle: Spring
Yearly Cycle: Annual.

GSCM 497. Directed Study in Supply Chain Management. 3 Credit Hours.
In-depth exploration of specialized areas of supply chain management serve as the purpose of this course. Individualized instruction is used to research areas in which the faculty member and student have a common interest. Extensive research including primary data collection may be required. The course concludes with the preparation of a thorough research report and presentation which must contain content from the structured GSCM elective courses it is replacing.
Prerequisites: GSCM 301 and Senior Standing.

GSCM ST400. Special Topics in GSCM Strategic Decision Making in Supply Chain Management. 3 Credit Hours.
The purpose of this course is to provide an in-depth understanding of how strategic management principals apply to the supply chain management discipline. Students will be introduced to state-of-the-art concepts, models and solution methods that are important to the design and management of supply chains. The discussion covers advanced topics with an emphasis is on a format that makes the content accessible to students who aim to broaden and deepen their knowledge of supply chains. Specifically, topics such as smart pricing, SC performance measurement and coordinated product and supply chain design are highly relevant to those who seek an advanced career as a supply chain professional.
Prerequisites: Senior Standing.

History (HIS)

Courses

HIS 250. Emergence of Europe (1000-1600). 3 Credit Hours.
This course examines the origins and early development of Europe from 1000-1600. Topics include the overall character and decline of feudalism, the rise of national monarchies, urbanism and society during the Renaissance and Reformation. Socioeconomic and cultural history is emphasized.
Session Cycle: Fall
Yearly Cycle: Annual.

HIS 252. Europe: 1500 to 1815. 3 Credit Hours.
This course provides a study of the political, intellectual, and social history of early modern Europe from 1500 to 1815, with emphasis on the institution of monarchy and on the reigns of famous kings and queens. Attention will also be given to the major transformations of the age including the scientific, English, and French Revolutions and their effects.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

HIS 261. History of the United States to 1877. 3 Credit Hours.
A basic survey and introduction to the field of American history, this course conveys the political, cultural and economic development of the United States through Reconstruction. It provides an understanding of the foundation of the "American way of life".
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

HIS 262. History of the United States Since 1865. 3 Credit Hours.
A history of the American experience from the end of Reconstruction to the present, this course focuses on the Urban-Industrial age, the rise of the United States to world leadership, and the important changes that have occurred in the "American way of life" during the past century.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

HIS 263. American Women's History. 3 Credit Hours.
In this course students survey American women's history from colonial times to the present. The course shows how the major social, political, and economic developments in American history have affected women in the past. Students examine the lives of "ordinary" women, as well as those of leading women thinkers and activists.
Session Cycle: Fall
Yearly Cycle: Annual.

HIS 270. World History to 1500. 3 Credit Hours.
This introductory survey course traces the development of humanity and society from the dawn of history to 1500, and provides insight into the wide spectrum of ideas, institutions, and life practices that different people and cultures around the world have created. Various representations of "civilizations" and "community" are considered.
Session Cycle: Fall
Yearly Cycle: Annual.

HIS 271. World History Since 1500. 3 Credit Hours.
An historical study of the major regions and cultures of the world during the last five centuries, with attention to their connections and interactions and to the development of global trends. Political, economic social, intellectual, and cultural factors will be considered, and special emphasis will be placed on the emergence and the challenges of the people of the "third world". One theme will be an analysis of the processes of "modernization". This course is cross-listed with GLOB 271.
Session Cycle: Spring
Yearly Cycle: Annual.

HIS 272. Introduction to Latin American History. 3 Credit Hours.
This course is a basic survey of Latin American history from before the European invasions to the recent past. The course emphasizes both the diversity of the Latin American experience across time and space and the persistence of certain historical continuities in the region: intense political and cultural conflict, deep social and economic inequality, and longstanding domination by externally-based imperial and neo-imperial powers.
Session Cycle: Fall
Yearly Cycle: Annual.

HIS 273. History in the World Today. 3 Credit Hours.
The course requires students to formulate and support coherent arguments about complex historical problems in class discussions, essay exams, and writing projects. It strengthens students' global perspective by encouraging historical analysis of selected current world events and the U.S. relationship to/involvement in those events. By introducing students to historical methods and theory it enables them to understand more deeply one of the key disciplines associated with the humanities. This course is required for history majors and concentrators.
Session Cycle: Fall
Yearly Cycle: Annual.

HIS 282. Introduction to American Studies. 3 Credit Hours.
This course introduces students to key themes, concepts, and debates in American Studies. Students use a foundation in American Studies methodology to interpret a range of materials and develop a richer understanding of the United States, its cultures, and its peoples. Objects of study may include literary texts, films, historical documents, music, visual art, and products of popular culture. Specific course topics may vary. This course is cross-listed with LCS 282.
Session Cycle: Varies
Yearly Cycle: Annual.

HIS 351. History of Modern Europe: 1815 to the Present. 3 Credit Hours.
This course examines the major political, economic and intellectual developments since 1815. It emphasizes the significant events, patterns, and themes in Western history within the context of the modern world.
Prerequisites: 200-level history course
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

HIS 354. Trends in Modern Thought. 3 Credit Hours.
This course offers a selected history of modern and post-modern themes, ideologies and values in Euro-America (Western civilization) since the Renaissance. Special emphasis is placed on analyzing social, political and philosophical questions and writings in context. The thematic focus of the course (e.g., individualism) may change from year to year.
Prerequisites: 200-level history course
Session Cycle: Spring
Yearly Cycle: Annual.

HIS 362. The United States in the 1960's. 3 Credit Hours.
This course examines the main contours of political, economic, social, and cultural life during the 1960's. Special areas of focus include: the Civil Rights Movement, the New Left, the Vietnam War, the antiwar movement, the resurgence of conservatism, the demise of the New Deal Coalition, the emerging women's liberation movement, the effect of social and cultural movements on business, and the intersection of artistic and cultural expressions with politics. The relationship of popular mythology and collective memories concerning the 1960's with "objective" historical analysis constitutes another key area of concern.
Prerequisites: 200-level history course
Session Cycle: Fall
Yearly Cycle: Annual.

HIS 364. History of American Technology. 3 Credit Hours.
This course treats the history of technology in the contexts of American business and social history. Focusing on the 19th and 20th centuries, the course first places technological change within the context of larger developments in American history. From that basis, the course then moves on to deal with the impact of technology in American social institutions, business, and culture.
Prerequisites: 200-level history course
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

HIS 365. The United States and World Politics, 1890 to the Present. 3 Credit Hours.
This course examines the origins and development of the United States as a great world power from the Spanish-American War to the post Cold War era. Focusing on the connections between international and domestic events, the course evaluates the role of the US as a global power over the past century.
Prerequisites: 200-level history course
Session Cycle: Fall
Yearly Cycle: Annual.

HIS 366. Race in America. 3 Credit Hours.
This course examines major issues in race relations from the perspective of both black and white Americans from the onset of slavery to the present. The course examines the origins and functioning of American slavery, with consideration to the Atlantic slave trade and the role of U.S. slavery within the context of New World slavery; the relationship between European immigrants and African-Americans in terms of the formation of whiteness and the historical meaning of white skin privilege ; abolitionism and antislavery; the development and functioning of Jim Crow segregation; 2nd Reconstruction; the civil rights movement; and the significance of race during the post civil rights era. This course is cross-listed with SOC 366, Race in America.
Prerequisites: SOC 251 and 200-level history course
Session Cycle: Fall
Yearly Cycle: Annual.

HIS 367. The History of American Popular Culture. 3 Credit Hours.
This course explores the historical context of various expressions of American popular culture in a variety of media, including: literature, film, radio, television, music, performance, advertising, style and fashion, food, and the internet. It examines the meaning of popular culture to its audiences and the way those audiences use and transform cultural products as part of their everyday lives. Attention is given to popular culture's relationship to "high culture," to economics and commerce, and to social and political developments including, but not limited to the emergence of working-class culture, the Great Depression, the Cold War and McCarthyism, the Civil Rights Movement, the Vietnam War, and the Women's Liberation Movement.
Prerequisites: 200-level history course
Session Cycle: Winter
Yearly Cycle: Annual.

HIS 368. Gender and American Culture in the 1950s. 3 Credit Hours.
This course provides students the opportunity to examine the cultural complexities of the 1950s and to appreciate it as a period of conservatism and restraint as well as a time of notable social change for women. It uses the enormously popular I Love Lucy television series (1951-1957) and Betty Friedan's classic work, The Feminine Mystique (1963), as well as related readings, to show how many women of the fifties challenged the stereotype of domestic, quiescent, suburban womanhood as they engaged in multifarious and diverse activities that helped pave the way for the social protest movements of the 1960s.
Prerequisites: 200-level history course and Sophomore standing
Session Cycle: Spring
Yearly Cycle: Annual.

HIS 369. U.S. Latin American Relations 1820 to Present. 3 Credit Hours.
This course examines the history of relations between the United States and the nations of Latin America from the era of the Monroe Doctrine to the present.
Prerequisites: 200-level history course
Session Cycle: Spring
Yearly Cycle: Alternate Years.

HIS 371. History of Russia. 3 Credit Hours.
This course provides an historical study of the evolution of Russian society from the Age of Kiev to the present including the era of the tsars and the Soviet period. Special attention is given to the contemporary situation in Russia.
Prerequisites: 200-level history course
Session Cycle: Fall
Yearly Cycle: Alternate Years.

HIS 372. History of East Asia. 3 Credit Hours.
This course consists of an historical study of the ideas and institutions of the countries of East Asia with primary focus on developments in China in ancient times and in the modern era since 1800. Contemporary problems are also discussed.
Prerequisites: 200-level history course
Session Cycle: Spring
Yearly Cycle: Alternate Years.

HIS 373. History of Modern Africa. 3 Credit Hours.
This course provides background for an analysis of some of the major problems of contemporary African life. Topics include the ancient culture of Africa, the slave trade, colonialism, African nationalism, and current political, economic and social trends in Africa.
Prerequisites: 200-level history course
Session Cycle: Spring
Yearly Cycle: Alternate Years.

HIS 375. History of Modern Japan. 3 Credit Hours.
This course provides a survey and examination of Japanese history from its beginnings to the twentieth century, and includes a consideration of political, social, economic, intellectual, and cultural developments. Emphasis is placed on the evolution of Japanese traditions and values and their sources, and also on the history and practices of Japanese business. A major portion of the course will deal with the modern period and Japan's successes and failures as a modern nation.
Prerequisites: 200-level history course
Session Cycle: Fall
Yearly Cycle: Alternate Years.

HIS 376. Cultures and Economies in Transition. 3 Credit Hours.
This seminar will explore the origins and evolving complexities of the enormous cultural and economic transformations that are underway in the Newly Independent States (NIS). In particular, it will carefully situate the ongoing economic transformation within a broader cultural, historical, and political context. Special emphasis will be placed on how the rapid collapse of the Soviet Union's command economy, and the resulting cuts in defense spending, have created critical problems for both the West and the Newly Independent States. This course is cross-listed with ECO 376, Cultures and Economies in Transition.
Prerequisites: ECO 114 and 200 level history course
Session Cycle: Spring
Yearly Cycle: Annual.

HIS 377. Gandhi and Mandela. 3 Credit Hours.
This course is a study of the ideas and the political careers of two great 20th century national leaders: M.K. Gandhi of India, and Nelson Mandela of South Africa. Attention will also be given to the modern and contemporary history of their respective nations, and especially to the social and political systems which these men tried to change.
Prerequisites: 200-level history course
Session Cycle: Winter
Yearly Cycle: Annual.

HIS 386. History, Law, and the Holocaust. 3 Credit Hours.
This course will explore in depth the Holocaust and its impact on the development of international law after 1945. Topics will include anti-Semitism, the rise of Hitler, the Final Solution, minority rights, domestic legal actions against perpetrators, the Nuremberg International Military Tribunal, Allied military courts, and subsequent national and international trials of accused Nazi war criminals. The course concludes with an examination of some of the leading post-Nuremberg topics in international human rights law today, including peremptory norms, transitional justice, hate speech prohibitions, and Holocaust denial.
Prerequisites: 200 level history course and sophomore standing
Session Cycle: Varies
Yearly Cycle: Annual.

HIS 391. History Internship. 3 Credit Hours.
Students engage in individually supervised work-study arrangements and learn to apply history theory and principles in their work environment. Students must work at least ten hours per week on the job, meet periodically with a supervising faculty member, research literature related to the field of the internship, and prepare a substantial report on their internship experience and the studies involved. This course is limited to juniors and seniors and requires the approval of a supervising faculty member and the department chair.

HIS 451. The World Since 1945. 3 Credit Hours.
This course examines major developments in global history since 1945, considering topics such as the capitalist and socialist world-systems, the Cold War, imperialism, and third world independence movements, and the so-called "new world order." Special emphasis is placed on the interaction between Western and non-Western societies.
Prerequisites: 200 level history course
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

HIS 452. History of Modern Britain. 3 Credit Hours.
In this advanced course students trace the history of Great Britain from the Glorious Revolution of 1688 to the present, concentrating on cultural history and utilizing a socio-political perspective. Themes include the development of capitalism, constitutionalism, industrialism and imperialism, and the impact of the British expressions of these forces on modern globalization.
Prerequisites: 200-level history course
Session Cycle: Spring
Yearly Cycle: Annual.

HIS 453. History of Modern Science. 3 Credit Hours.
This course presents a history of the modern natural sciences from the eighteenth to the twentieth centuries, treating the development of modern physics, chemistry, geology, and biology. Students need no special background in science. The course focuses on conceptual problems and the culture of science rather than on the content of science. Examples of special topics include the development of the Newtonian world-view, the challenges of relativity and the quantum, how alchemy led to modern chemistry, why so many early geologists were churchmen, and how Darwinian evolution differed from other nineteenth-century evolutionary theories. The course is geared to the capabilities of students without specialized background in history and science.
Prerequisites: 200-level history course
Session Cycle: Spring
Yearly Cycle: Annual.

HIS 461. History of Contemporary America. 3 Credit Hours.
An intensive examination of the forces and events that have shaped the recent American past, this course stresses domestic politics, social change, urbanization, civil rights and modern ecological problems.
Prerequisites: 200-level history course
Session Cycle: Spring
Yearly Cycle: Annual.

HIS 462. United States Women and World War II. 3 Credit Hours.
This course will explore the question of whether World War II served as a major force for change for United States women. The experiences of a broad socio-economic and ethnic cross-section of wartime women including war workers, women in uniform, agricultural workers, and volunteers are considered. Students examine letters and memoirs, films, and the popular press as well as books and articles.
Prerequisites: 200-level history course
Session Cycle: Spring
Yearly Cycle: Annual.

HIS 463. The United States in the 1970s and 1980s. 3 Credit Hours.
This course explores the major political, social, cultural, and economic shifts in American life during the 1970s and the 1980s. Special areas of focus include the ascendancy of conservatism, the retreat of liberalism, rising economic inequality, women's and gay liberation, the expanding role of the media in American politics, the veneration of corporate America, and expressions of such in the era's popular (and sometimes unpopular) culture. The relationship of popular history and collective memory of the 1970s and 1980s with "objective" historical analysis constitutes another area of emphasis. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: 200-level history course
Session Cycle: Spring
Yearly Cycle: Annual.

HIS 464. The United States and China 1931 through 1950. 3 Credit Hours.
This course examines the cultural, political and military dimensions of the complicated wartime alliance between the United States and China during the World War II era. It focuses on the period from the Japanese invasion of Manchuria in September 1931 until early 1950 when the Chinese government seized the U.S. consulate in Beijing after the refusal of the United States to recognize the People's Republic of China. Students explore both primary and secondary sources as they untangle the multifaceted relationship between the United States and China during this critical era. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: 200 level history and sophomore standing
Session Cycle: Fall
Yearly Cycle: Annual.

HIS 490. Seminar in Historical Inquiry. 3 Credit Hours.
For seniors concentrating in History, this seminar provides extensive, practical experience in the craft of historical research and writing. Further, it examines select themes in historiographical and/or philosophical debates concerning history as a special type of knowledge. Requirements include a substantial research paper. Permission of instructor and HIS 273 are required.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

HIS 497. Directed Study in History. 3 Credit Hours.
This course is an opportunity for students to do independent, in-depth study or research for academic credit. The student works on an individual basis under the direction of a member of the history department. The main requirement of the course is the development of a substantial paper or project. Permission of department chair and faculty member is required.

HIS ST300. Special Topics in History Race and Slavery in the Atlantic World. 3 Credit Hours.
A history of race and slavery in the Atlantic World between the 15th and 19th centuries, with a particular emphasis on the economic, social, and cultural impact of the trans-atlantic trade in enslaved Africans (a crucial component of 'globalization" during that era) on the development of European-ruled societies in the Americas.
Prerequisites: 200-level History course.

HIS ST301. Sp.Tp. in His. Patronage and Culture Social and Economic Foundations of Italian Art and Architecture. 3 Credit Hours.
This special topics course focuses on the role of patronage in producing the cultural heritage of Italian art and architecture. The course has two parts: First, an on-campus component that furnishes a broad history of Italy along with a more focused treatment of developments in art and architecture during key periods. Second, this course leads to completion of a student research project that may be completed during an optional field experience in Italy (8-10 days carried out during the Bryant spring break). Admission to the course is by application only.
Prerequisites: 200-level History course.

HIS ST302. Special Topics in History The Struggle For Educational Access, Opportunity, and Equity in America. 3 Credit Hours.
This course will examine the history of American public education beginning with Colonial America, and the evolution of education based on the political, economic, social, and cultural changes regarding a free and equal education for all children. It will focus on the development of public education and the conflicts over class, race, religion, and gender. The second part of the course will highlight the landmark 1954 US Supreme Court ruling in Brown v Board of Education. Students will study the effects of the ruling and the legacy the case holds in contemporary America. Throughout the course, the students will examine the changes in education due to social dynamics and conflicts in terms of the struggle for access, opportunity, and equity.
Prerequisites: 200-level history course.

HIS ST303. Special Topics in History Doing Public History. 3 Credit Hours.
The proposed course introduces students to the historical origins of public history as an academic discipline. It explores the relationship of public history to local communities, the creation of cultural memory, and the study of history within the academy. These themes will be approached through the prism of institutions such as museums, historical societies, corporations, preservation offices and other cultural resource agencies. Other topics will include educational programming, material culture and exhibit development as well as how to make local historical materials available within historical societies, museums, and manuscript repositories. Each student will work on a public history project at a local Public History institution, contributing a minimum of 25 hours of work.
Prerequisites: HIS 261 or HIS 262 or HIS 282 or LCS 282 and sophomore standing
Session Cycle: Fall
Yearly Cycle: Annual.

Honors Program (HON)

Courses

HON 490. Honors Senior Capstone Project. 3 Credit Hours.
Honors Program seniors, under the guidance of a faculty committee (as specified in program guidelines), will develop a thesis or project to serve as a capstone for their Honors Program coursework. The proposal will be presented to the Honors Coordinator in the spring of the student's junior year or no later than four weeks after the beginning of the student's senior year. It will include specification of the department to which credit will apply in the student's academic program, and signed approval from the faculty advisor, editorial reviewer and departmental chair is required. The initial proposal will be reviewed by the Honors Council and Coordinator for approval in accordance with Program procedures. Successful completion of this class requires the student to present the capstone project and submission of all final document materials based on program guidelines.

Information Technology (IT)

Courses

IT 221. Introduction to Computing. 3 Credit Hours.
This course presents a broad overview of information technology that integrates hardware fundamentals, algorithms, and computability. It also presents current developments in the field and some exposure to creative programming environments.
Session Cycle: Fall
Yearly Cycle: Annual.

IT 311. Network Management and Security. 3 Credit Hours.
This course provides introduction to computer networks technologies, management, and security. Today, almost all computers and mobile devices are networked, and security and continuous operation of these networks is mission critical to protect a business's digital assets. This course investigates the design of computer networks and network protocols both from a conceptual and application standpoint. The primary focus is on concepts used to design scalable, general-purpose, secure data networks.
Prerequisites: CIS 201 or CIS 203
Session Cycle: Fall
Yearly Cycle: Alternate Years.

IT 320. Introduction to Java Programming. 3 Credit Hours.
This course continues the introduction of programming begun in IT 221, with a particular focus on the ideas of data abstraction and object-oriented programming. The course begins with a review of control structures and data types with emphasis on structured data types and array processing. Other topics include simple analysis of algorithms, basic searching and sorting techniques, recursion, and an introduction to software engineering issues.
Prerequisites: MATH 110 or equivalent
Session Cycle: Spring
Yearly Cycle: Annual.

IT 321. Advanced Java Programming and Data Structures. 3 Credit Hours.
This course builds on the foundation provided by the IT 221-IT 320 sequence to introduce the fundamental concepts of data structures and the algorithms that proceed from them. Topics include a further study of recursion, the underlying philosophy of object-oriented programming, fundamental data structures (including stacks, queues, linked lists, hash tables, trees, and graphs), analysis of algorithms based upon these data structures, and an introduction to the principles of language translation.
Prerequisites: IT 320 and MATH 228
Session Cycle: Fall
Yearly Cycle: Annual.

IT 330. Database Management Systems. 3 Credit Hours.
This course will give students an introduction to database management systems. The course will cover the underlying structures necessary for building databases, several database models and languages, database design strategy and management of queries and transactions. The course will reflect the latest trends in technological and application development in the area of databases. The focus will be on relational model and include coverage of object-oriented developments.
Other topics covered will include advanced modeling and systems enhancements in the area of active databases, temporal and spatial databases, and multimedia information systems. The course will touch upon areas such as data warehousing, data mining, web databases, digital libraries, and GIS.
Prerequisites: IT 321
Session Cycle: Fall
Yearly Cycle: Annual.

IT 345. Web Design and Development. 3 Credit Hours.
This course covers the basic principles of designing and implementing websites. The focus of the course will be on visual design, page layout, effective navigation strategies, implementation issues and techniques, and the use of website development tools such as Dreamweaver. Students will learn HTML, Java-script, DHTML, Cascading Style Sheets, and be introduced to technologies such as XML. Students will learn to develop interactive Web pages that use forms with embedded Java-script code. Students will also be introduced to website development using content management systems.
Prerequisites: Junior standing
Session Cycle: Fall
Yearly Cycle: Annual.

IT 348. Computer Architecture. 3 Credit Hours.
This course introduces students to the organization and architecture of computer systems beginning with the standard von Neumann model and then moving forward to more recent architectural concepts.
Prerequisites: MATH 110 or equivalent and IT 221
Session Cycle: Fall
Yearly Cycle: Annual.

IT 391. Information Technology Internship. 3 Credit Hours.
Information Technology internships provide students the opportunity for supervised employment in the "real world" where they can apply the knowledge of technology and business they have studied in their curriculum. Students work with a faculty supervisor during the internship to gain focus on the work they are doing. Approval of the Department Chair is required.
Prerequisites: IT 320.

IT 430. Operating Systems. 3 Credit Hours.
This course introduces the fundamentals of operating systems design and implementation. An operating system defines an abstraction of hardware behavior with which programmers can control the hardware. It also manages resource sharing among the computer's users. Topics include an overview of the components of an operating system, mutual exclusion and synchronization, implementation of processes, scheduling algorithms, memory management, and file systems.
Prerequisites: IT 321 and IT 348 and junior standing
Session Cycle: Spring
Yearly Cycle: Alternate Years.

IT 437. Human Computer Interaction. 3 Credit Hours.
This course presents a comprehensive introduction to the principles and techniques of human-computer interaction. Emphasis will be placed on understanding human behavior with interactive objects, knowing how to develop and evaluate interactive software using a human-centered approach, and general knowledge of HCI design issues with multiple type of interactive software.
Prerequisites: IT 320
Session Cycle: Fall
Yearly Cycle: Annual.

IT 442. Project Management and Practice. 3 Credit Hours.
This course is intended to provide an introduction to Project Management as it applies to the Information Technology industry. The course will assist analysts, developers, team leaders and managers in developing an understanding of the purpose and benefits of project management by exposure to the concepts, practices, processes, tools, techniques, and resources used by the Project Manager during the project life cycle. The course will closely follow the framework of "best practices" of the Project Management Body of Knowledge, the leading professional standard for project management, with emphasis on its application to software and systems development projects.
Prerequisites: CIS 441
Session Cycle: Spring
Yearly Cycle: Annual.

IT 445. Advanced Web Programming. 3 Credit Hours.
This course complements skills and content learned in IT 345 Web Design and Development. The focus of IT 345 is on browser/end user aspects of web operations while IT 445 focuses on the server/provider aspects. Students will learn to develop server-side applications that mediate between an information source such as a database and the browser-end programs using popular web-application software. An introduction to XML and server side scripting is also presented.
Prerequisites: IT 345 or permission of the instructor, IT 330 or CIS 341 and junior standing
Session Cycle: Spring
Yearly Cycle: Alternate Years.

IT 497. Directed Study in Information Technology. 3 Credit Hours.
This course provides an opportunity for seniors concentrating in Information Technology to do independent, in-depth study or research. The student works on an individual basis under the direction of a CIS department faculty member. The course requires the student to develop a substantial research paper or project. The directed study is especially valuable for students planning graduate study.
Prerequisites: Permission of instructor and Department Chair.

Interdisciplinary (IDIS)

Courses

IDIS 200. Sophomore International Experience. 3 Credit Hours.
This course is designed to expose students to diverse cultures, different economic and political systems, business practices, and various social issues in one or more countries outside the U.S. Prior to departure, students will research the countries, cultures, and businesses to be visited so that they may better understand the working environments and cultures of their hosts. Pre-departure activities may include media training and certification, language training, and cultural events.

International Business (IB)

Courses

IB 356. International Business Management. 3 Credit Hours.
The International Business Management course provides an overview of the cultural, economic, legal, and political forces that shape the environment of international business. Students will develop knowledge and skills to help them manage businesses across international boundaries. This is an upper level course that emphasizes the ability of effective oral and written communication, the application of analytical reasoning, the development of specific research skills for assessing the international context, and the use of experiential exercises to sensitize students to cultural differences. Prerequiste: Junior Standing and IB major.
Session Cycle: Spring
Yearly Cycle: Annual.

IB 385. Special Topics in International Business. 3 Credit Hours.
Topics under this course heading will vary from year to year according to student interest, faculty availability, and timely developments in the area of International Business or any of its functional areas. Refer to Banner web catalog for semester specific special topics course titles and descriptions.
Prerequisites: Junior standing.

IB 386. International Investments. 3 Credit Hours.
This course deals with the theories and practice of international investing. It covers topics such as foreign exchange and global financial instruments, foreign exchange rate determination and forecasting, international asset pricing, global equity and bond investing, international diversification, derivative securities, currency risk management, and global performance evaluation.
Prerequisites: FIN 201 or FIN 201G and junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

IB 387. Financial and Economic Developments in Latin America. 3 Credit Hours.
This survey course is intended to provide an overview of the contemporary financial and economic environment in Latin America with a focus of doing business in Mexico, Chile, Brazil and Argentina. The topics will include an examination of the social, economic and political forces that affect business in Latin America.
Prerequisites: Sophomore standing and FIN 201 or FIN 201G
Session Cycle: Fall
Yearly Cycle: Annual.

IB 391. Internship in International Business. 3 Credit Hours.
Students engage in individually supervised employment in an area of international business (such as Computer Information Systems, Finance, Management, or Marketing) which involves the application of international business theory and principles to the work environment. Interns work at least 10 hours a week, meet periodically with a supervising faculty member, do research on their field of employment, and prepare a substantive report on work experience and research.
Prerequisites: BSIB major, overall GPA of 2.5 or greater, approval of a supervising faculty member, approval of the IB coordinator and junior/senior standing.

IB 485. Special Topics in International Business. 3 Credit Hours.
Topics in this course will vary from year to year according to student interest, faculty availability, and timely developments in the area of International Business or any of its functional areas. Refer to Banner web catalog for semester specific special topics course titles and descriptions.
Prerequisites: Senior standing.

IB 490. International Business Practicum. 3 Credit Hours.
International Business Practicum, is a capstone course for IB majors that is a combination of global business strategy and practical business experience. The course builds on class room discussions about IB theory by providing aspects of international business. Students operate as consultants for clients from John H. Chafee Center for International Business by identifying, analyzing and designing market entry, development and competitive strategies for new global markets.
Prerequisites: BSIB major and senior standing
Session Cycle: Spring
Yearly Cycle: Annual.

IB 497. Directed Study in International Business. 3 Credit Hours.
This course allows qualified seniors majoring in International Business to do an in-depth study or research under the direction of an appropriate internationally focused faculty member of Computer Information Systems, Finance, Management, or Marketing.
Prerequisites: BSIB major, overall gpa of 3.0 or greater, or approval of supervising faculty member, approval of the IB coordinator, and senior standing.

Legal Studies (LGLS)

Courses

LGLS 211. The Legal Environment of Business. 3 Credit Hours.
This course emphasizes the nature of legal systems and processes. Topics include agency, contracts, the Uniform Commercial Code, debtor-creditor relationships, government regulation of business, and business structure (selection of a business entity).
Prerequisites: Sophomore standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

LGLS 220. Western Legal Tradition. 3 Credit Hours.
This is an introductory course to the field of legal studies. The course surveys how Western law has changed over time by looking at the historical, socioeconomic, and cultural forces that have molded--and continue to mold--both substantive and procedural law, as well as the institutions devised to decree, interpret, and administer law. Areas covered include the idea of justice, the nature of law, the basis of political and legal authority, the nature of citizenship, the foundations of international law, the legal profession, techniques of legal development through case law and codification, and other matters relevant to the structure and development of Western law. In order to pursue this inquiry, the course will trace a series of seminal "revolutions" in Western history. Each of these world-historical upheavals will be examined for their decisive impact on the unfolding of Western law.
Session Cycle: Spring
Yearly Cycle: Annual.

LGLS 351. Civil Rights and Liberties. 3 Credit Hours.
In this course students examine the legal principles and rules that define the nature and limits of American government and the rights of citizens under the Constitution. The course stresses analysis of Supreme Court decisions and their influence on American political and economic development.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

LGLS 354. Communications Law. 3 Credit Hours.
A study of the legal rights and privileges of communications media, this course emphasizes the following topics: written communications; the problems of right to know versus right of privacy; libel, defamation, copyright, and infringement; examination of regulatory agencies; and theories of the First Amendment.
Prerequisites: LGLS 211 or LGLS 220
Session Cycle: Fall
Yearly Cycle: Annual.

LGLS 356. Law of the Internet. 3 Credit Hours.
In this course we examine the methods of governing behavior in cyberspace from the United States and a global perspective. We begin with a study of the infrastructure of the Internet and its regulation. The legal principles inherent in the First Amendment, intellectual property, privacy and commerce are examined. We then apply these traditional legal principles to activities in cyberspace.
Session Cycle: Spring
Yearly Cycle: Annual.

LGLS 357. Legal Philosophy and Reasoning. 3 Credit Hours.
There are numerous philosophies which underlie the law. They range from the view of law as morality discoverable through reason, to the perspective of law as a command by those in power. What does it mean to interpret a legal standard such as a statute or a case law? To what extent are judges legislating? Drawing connections between and among these issues will be the focus of this course.
Prerequisites: Sophomore standing
Session Cycle: Fall
Yearly Cycle: Alternate Years.

LGLS 360. Law and Society. 3 Credit Hours.
This course is an introduction to the field of law and society. Students examine the nature of law and what we can and cannot expect it to do for us; the manner in which law and legal categories shape society; the role of lawyers, judges and other legal actors in the legal system; the basic structure of the judiciary and how cases flow through the court system, and controversial legal issues in such areas as business, medicine, and gender. Emphasis is placed on issues that illustrate the interaction between law and social control and law and social change. The course draws from a variety of perspectives including sociology, political science, history and philosophy. A major goal of the course is to give students a practical foundation in the critical assessment of law and legal thinking as well as improving their ability to make arguments in writing and orally.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

LGLS 380. Sport and the Law. 3 Credit Hours.
Sport acts as a prism on society. Sport can reflect and forecast changes in our society on local, regional, national and international levels. These changes and their interrelationship with Sport are studied in this class.
Prerequisites: LGLS 211 or LGLS 220
Session Cycle: Spring
Yearly Cycle: Annual.

LGLS 381. Global Dimensions of Law. 3 Credit Hours.
This course will introduce students to the basic concepts and problems of international law and of the international legal system, and will cover the traditional major topics in this field such as the sources of international law, sovereignty, jurisdiction and responsibility of states, treaty law, non-intervention principles, the relationship between international law and national law, dispute resolution and international litigation. It will also address newer themes in international law such as the impact of international organizations and other "actors" in international law, human rights law, international criminal law, the use of force and terrorism, international environmental law, and the impact of religion and culture on international law. The course will review a number of important international law cases decided by both national and international tribunals, as well as treaties, resolutions and other international legal instruments of importance.
Prerequisites: Junior standing
Session Cycle: Fall
Yearly Cycle: Alternate Years.

LGLS 382. Not for Profit Law and Governance. 3 Credit Hours.
This course explores law, governance and public policy issues surrounding the not-for-profit segment of the US economy. It concerns the life cycle of various forms of not-for-profit entities recognized and regulated by the United States Code and otherwise, e.g. USC Section 501(c) Corporations: Trusts; Private Foundations and Mutual Benefit Societies, from formation to dissolution, examining the (relative merits of the relevant structures as well as the respective) duties and liabilities of directors, officers and employees. Through readings in legal and management texts, questions of public policy and the ethics of special privileges these entities enjoy in American society are examined.
Prerequisites: LGLS 211 or LGLS 220 or LGLS 360 or permission of the instructor
Session Cycle: Fall
Yearly Cycle: Annual.

LGLS 383. Health Law. 3 Credit Hours.
This course investigates how law regulates health and affects the health care industry, health care practitioners, patients, scientists, and other stakeholders. Each semester the topics included in the syllabus vary depending on what is currently debated. A list of topics for a past semester includes infectious disease, privacy, quarantine, FDA regulation, clinical trials, direct-to-consumer advertisement, medical tourism, reproductive health, rationing, abortion, end of life, and others.
Prerequisites: Sophomore Standing
Session Cycle: Fall
Yearly Cycle: Alternate.

LGLS 386. History, Law, and the Holocaust. 3 Credit Hours.
This course will explore in depth the Holocaust and its impact on the development of international law after 1945. Topics will include anti-Semitism, the rise of Hitler, the Final Solution, minority rights, domestic legal actions against perpetrators, the Nuremberg International Military Tribunal, Allied military courts, and subsequent national and international trials of accused Nazi war criminals. The course concludes with an examination of some of the leading post-Nuremberg topics in international human rights law today, including peremptory norms, transitional justice, hate speech prohibitions, and Holocaust denial.
Prerequisites: 200 level History course and sophomore standing
Session Cycle: Varies
Yearly Cycle: Annual.

LGLS 391. Legal Studies Internship. 3 Credit Hours.
Legal Studies internships give students the opportunity for supervised employment in an area where they can apply legal studies theories and principles. Interns work at least ten hours a week, meet periodically with a supervising faculty member, do research on their field of employment, and prepare a substantive report on work experience and research. Approval required by a supervising faculty member and the department chair. Junior standing is required.

LGLS 411. Markets and the Law: The Uniform Commercial Code. 3 Credit Hours.
This course provides an advanced look at some of the provisions of the Uniform Commercial Code. Topics include contracts, sales, negotiable instruments, and secured transactions. These topics are of particular concern to those who are interested in becoming accountants.
Prerequisites: Junior standing
Session Cycle: Fall
Yearly Cycle: Annual.

LGLS 412. Law of Financial Institutions. 3 Credit Hours.
This course offers a study of the laws and regulations that govern U.S. financial institutions and the federal agencies that regulate those institutions. We analyze the creation and actions of the monetary system and capital markets. We examine the evolution of regulatory efforts and analyze current issues and challenges that face regulators and institutions going forward. In particular, we will examine the 2007-2008 meltdown of the mortgage, securities, banking and derivatives industries, and the federal actions (legislative and regulatory) undertaken in response to those crises, with a particular focus on the provisions of the Dodd Frank Wall Street Reform and Consumer Protection Act of 2010.
Prerequisites: Junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

LGLS 443. Legal Ethics. 3 Credit Hours.
Thinking deeply about the nature of "the Good" is the starting point for investigating the purposes of law. To this end, Legal Ethics introduces the student to the leading ethical systems that have guided human thought about the Good. Using examples from both U.S. and international law, the course helps the student to integrate an understanding of ethical systems and theories of moral development into the study of law broadly considered. For qualified students, this course may be taken as a 500 level graduate content level course. Permission of the instructor is required.
Prerequisites: Sophomore standing and one 300-level Legal Studies course or permission of the instructor
Session Cycle: Spring
Yearly Cycle: Annual.

LGLS 451. International Business Law. 3 Credit Hours.
This course will address both the broader issues of government control of international business and the process of doing business overseas. It will compare the unique culture and legal systems of the United States, Europe, Japan and the Middle East. In addition, the course will focus on the mechanics of doing business overseas under international agreements such as GATT, NAFTA and the European Union.
Prerequisites: LGLS 211 or permission of the instructor
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

LGLS 490. Seminar in Politics and Law. 3 Credit Hours.
This seminar is designed as an interdisciplinary capstone course for students in the Politics and Law major. It will include an in-depth examination of a selected theme in politics and law. Each student will work intensively with the instructor to complete a major research project on a topic of their choice, which will be presented to the entire seminar. This course is cross-listed with POLS 490.
Prerequisites: Politics and Law major and senior standing
Session Cycle: Fall
Yearly Cycle: Annual.

LGLS 497. Directed Study in Legal Studies. 3 Credit Hours.
Under faculty supervision, students pursue a well defined area of interest in legal studies.
Prerequisites: LGLS 211 or LGLS 220 and permission of the instructor.

LGLS ST400. Special Topics in Legal Studies Corporations Devils or Angels?. 3 Credit Hours.
“Corporations: Devils or Angels” is a special topic course designed to analyze, in an empirically informed way, the relationship between law and morality as well as law and the political, economic and cultural realms. The course focuses on corporations, which are legal entities created and regulated by state law: it traces their historical emergence, looks at the rights under the Constitution and examine impact of these legal entities on the economy, politics, and culture. One 300 level Legal Studies course and sophomore standing.
Prerequisites: 300 or 400-level Legal Studies course.

Literary and Cultural Studies (LCS)

Courses

LCS 121. Introduction to Literary Studies. 3 Credit Hours.
This course introduces students to reading and writing about texts. Through intensive reading and writing about the elements of imaginative literature and other creative practices, students develop the skills necessary for literary analysis and effective writing. The goal is to aid students in becoming discerning readers, critical thinkers, and thoughtful writers.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

LCS 220. Creativity and the Arts. 3 Credit Hours.
Creativity is vital to achievement in many fields, from science, to business and the arts. This course will explore creativity both as a general process of engagement with the world around us and as an introduction to creative cultural expression in the Arts. It will engage students in thinking about creativity as an intrinsic part of their educational, personal and professional lives, as it engages them in creative practice and reflection upon creative process.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

LCS 230. Introduction to Film Studies. 3 Credit Hours.
This course has three major aims: to introduce students to what might be called the language of film, to investigate the relationship between movies and culture, and to consider film as both an art form and a social practice. Students will examine the tools filmmakers employ to bring their works to the screen, including cinematography, production design, acting, editing, music, sound design, and narrative structure. Students will also focus on how the cinema both reflects and perpetuates aspects of culture, investigating images of masculinity, femininity, class, and race relations. By semester's end students should have a much clearer sense of what goes into the making of movies, and should have become more active, critical viewers of film. This course is cross-listed with COM 230.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

LCS 240. Introduction to the Environmental Humanities. 3 Credit Hours.
Why do we think of “nature” as something apart from human “culture”? How have past representations of this disconnect informed our attitudes today? What is the potential agency of the arts and humanities to create and sustain a more resilient and biologically diverse world in our present moment of global ecological crisis? This introduction to ecocriticism in the humanities tackles these questions while raising more about ethical and political concerns for the environment, nonhuman animals, and environmental justice.
Session Cycle: Spring
Yearly Cycle: Annual.

LCS 242. Introduction to Global Anthropology. 3 Credit Hours.
This course studies the consequences of globalization for human beings as they come to understand and value themselves, their relations to others, and their "place in the world." Students discuss a number of challenges to traditional concepts of "culture" important to understanding an anthropological approach to the concept of globalization. The course approaches "globalization," the movement of information, goods, services, capital and people throughout the global space, from a variety of perspectives, including discussion of global migration and diaspora and consideration of the globalization of media. This course is cross-listed with GLOB 242.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

LCS 243. Honors: The Anthropology of Globalization. 3 Credit Hours.
In this course, students interpret global transformations through studying anthropological texts and films that provide in-depth analysis of local-level instances of globalization. These ethnographic studies allow students to improve their specific knowledge of people and places throughout the world and also to develop more theoretically rigorous approaches toward explaining what is meant by the term globalization. To this end, students examine, among other themes, ethnicity to better comprehend issues of power, resources, and land in conflict situations; the movement of textiles to recognize post-Fordist social and economic practices; human trafficking to conceptualize commodification of the human body; and refugee migrations to understand transnationalism. In short, this course offers micro-level case studies, methods, and approaches toward learning about and explaining broad social and cultural processes. Students who receive credit for LCS 242/GLOB 242 cannot receive credit for this course. This course is cross-listed with GLOB 243.
Prerequisites: Honors Program
Session Cycle: Spring
Yearly Cycle: Annual.

LCS 250. Women, Gender, and Sexuality Studies. 3 Credit Hours.
This course takes an interdisciplinary approach to understanding how gender and sexuality shape our world. The course explores the origin and evolution of women's studies, the shift to questions concerning the social construction of gender, and the emergence of scholarly investigations of sexual identities. Students will interrogate various conceptions of gender and sexuality and explore how these conceptions might reinforce or disrupt social structures. The primary goals of this course are to encourage students to think critically about how dominant discourses of gender and sexuality have shaped the lives of both women and men. This course is cross-listed with WGS 250.
Session Cycle: Fall
Yearly Cycle: Annual.

LCS 260. Introduction to Philosophy. 3 Credit Hours.
This course introduces students to the historical and thematic dimensions of philosophical traditions through selected philosophical readings from ancient times to the present. Students in the course will practice philosophy by entering into dialogue with philosophical texts through discussion, explication, synthesis and critique.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

LCS 270. Introduction to Cultural Studies. 3 Credit Hours.
This course serves as an interdisciplinary introduction to the humanities and cultural critique. It explores the ways in which cultural forms of knowledge and expression shape and are shaped by human practices and experiences. Students explore different models for understanding cultural forms through discussion of a wealth of material from a variety of sources and societies. While the course emphasis is upon contemporary cultures, intellectual, cultural, social, and scientific history is critical for the understanding of such and is significant to the development of course themes.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

LCS 275. Introduction to Visual Culture. 3 Credit Hours.
Visual Culture is a new category of study that incorporates several previously discrete disciplines: cultural studies, art history, film studies, media studies, and critical theory. But this class will not be surveying all of these fields; instead, by focusing attention on languages of the visual and historically specific ways of seeing, we will be asking different sets of questions about the cultural significance of visual perceptions--of many kinds. This course offers a toolbox of methods and approaches to visual culture; rather than an exhaustive range of visual material, we will use these methods to discuss representative case studies.
Prerequisites: LCS 121
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

LCS 280. Introduction to World Music. 3 Credit Hours.
In this course, students learn about music as an expressive art form. Part of the course is dedicated to "hearing" music, where students build a vocabulary of terms for describing music and expanding their ability to appreciate a diverse body of sounds. Learning terms, such as timbre, melody, harmony, as well as indigenous vocabularies, and listening to musical examples are central components of this course. In addition to hearing music, students also study the cultures of music, which includes understanding different conceptions of aesthetics, traditions, values, politics, and other areas of society that inform the composition and performance of music. Through listening to and learning about music in many parts of the world, students will better appreciate diverse ways of hearing sound and expressing culture.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

LCS 282. Introduction to American Studies. 3 Credit Hours.
This course introduces students to key themes, concepts, and debates in American Studies. Students use a foundation in American Studies methodology to interpret a range of materials and develop a richer understanding of the United States, its cultures, and its peoples. Objects of study may include literary texts, films, historical documents, music, visual art, and products of popular culture. Specific course topics may vary. This course is cross-listed with HIS 282.
Prerequisites: LCS 121
Session Cycle: Varies
Yearly Cycle: Annual.

LCS 320. Design in Contemporary Culture. 3 Credit Hours.
This course examines the rhetorical and formal principals of graphic design, with an emphasis on conceptual development and problem-solving. Assignments and lectures encourage students to investigate formal design aesthetics and the nuances of effective visual communication, while developing an understanding of the historical and cultural contexts of design and the role of the designer in society. Creative assignments are part of the coursework.
Session Cycle: Fall
Yearly Cycle: Annual.

LCS 321. Drawing Studio. 3 Credit Hours.
Drawing is the foundation of visual art and design. This course introduces students to the creative and expressive use of various graphic media such as charcoal, pencil, crayon, chalk, pen and ink and/or brush and wash. The history and practice of specific techniques such as form modeling, spatial illusions and principles of linear perspective will be explored in addition to basic aesthetic and technical drawing skills that enable students to represent three-dimensional objects in an environment.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

LCS 322. Ecological Art and Design. 3 Credit Hours.
This studio course combines earth history, studio practice, contemporary art and field work. Students explore relevant environmental issues and delve into our ever-changing relationship with nature. We begin with drawing from natural forms then begin a series of weekly exercises and research in which we interact with local ecology, using a variety of media including drawing, collage photography, collage, sculpture and writing. Visiting artists and fieldtrips to outdoor sites and exhibitions are part of the class schedule.
Session Cycle: Varies
Yearly Cycle: Annual.

LCS 323. Digital Studio Workshop. 3 Credit Hours.
This course is an introduction to digital art studio practice with a focus on digital imaging and cross-media experimentation. Creative projects include creating digital images, sound files and sound and video. Contemporary new media, digital culture and key works by digital artists are explored. Students will explore fundamental concepts and methods of digital media through conceptual and technical manipulation of sound and images. This is a studio course emphasizing creative and critical thinking as well as digital literacy.
Session Cycle: Spring
Yearly Cycle: Annual.

LCS 324. Digital Photography. 3 Credit Hours.
This course serves as an introduction to creative photographic methods and ideas, integrating techical skills with individual creative goals. Using digital cameras and complimentary tools, students will address the essential technical, conceptual, and artistic problems that have been associated with photography since its birth, as well as some of the new issues that have arisen with the advent of digital imaging.
Session Cycle: Varies
Yearly Cycle: Alternate Years.

LCS 325. Studies of the Book: Paper, Collage and Book Making. 3 Credit Hours.
Studies of the Book is a combined focus course–with attention to the history, theory and criticism of paper, books and collage, as well as studio practice in making paper and collage, and binding books.
Prerequisites: LCS 121
Session Cycle: Varies
Yearly Cycle: Alternate Years.

LCS 341. Philosophy of Art. 3 Credit Hours.
This course examines the history of aesthetic theory to see various and conflicting ways in which people have understood the nature and purpose of art. It also examines art and its many forms - visual arts, literature, music, film, performance - to consider the philosophical issues raised by the art itself.
Prerequisites: LCS 121
Session Cycle: Varies
Yearly Cycle: Annual.

LCS 352. Studies in Poetry. 3 Credit Hours.
In this course students will investigate the power of poetry from diverse perspectives. Focusing primarily upon poetry as a craft, students will come to understand the relationship between the strategic decisions poets make and the meanings derived through active and imaginative reading. In addition, students will examine poems as the results of historical and cultural circumstances and as products of poets' experiences.
Prerequisites: LCS 121
Session Cycle: Varies
Yearly Cycle: Annual.

LCS 353. Studies in Drama. 3 Credit Hours.
This course focuses on dramatic literature in its various forms. Students will examine representative works ranging from Classical to modern times. Emphasis will be placed on the fact that plays can be read as historical, cultural, and social documents. Elements of performance may also be addressed.
Prerequisites: LCS 121
Session Cycle: Spring
Yearly Cycle: Annual.

LCS 354. Animation Theory, History, Practice. 3 Credit Hours.
Animated film has a long rich history and an exciting present. Some of the earliest "moving images" were made using animation techniques; early film abounded with creative use of animation; many of us grew up loving Disney as children and anime' as young (and not so young) adults; some of the most exciting films of our own era, like Avatar, deploy animation techniques for their stunning visual style, and animation's significance transcends the cinema in video games and military training and news simulations. This course is built upon the premise that animation is a vital component of film studies and central to contemporary visual culture and aesthetics. Students in this course will explore its theory, history and practice.
Prerequisites: LCS 121
Session Cycle: Varies
Yearly Cycle: Varies.

LCS 356. Studies in Narrative. 3 Credit Hours.
In this course, students investigate various forms of narrative literature such as novels, short stories, and experimental narrative forms. Imaginative and active readings of these forms will be encouraged through study of the theoretical literature as well as historical and cultural contexts.
Prerequisites: LCS 121
Session Cycle: Varies
Yearly Cycle: Annual.

LCS 357. Studies in Ethnic Literature of the United States. 3 Credit Hours.
This course examines the literature of the United States from the perspective of minority writers: African, Asian, Hispanic, Chicano and Caribbean Americans. Students will explore the ways in which these "other" Americans have brought their various backgrounds and differing world views to bear upon the national literature. Emphasis will vary.
Prerequisites: LCS 121
Session Cycle: Spring
Yearly Cycle: Annual.

LCS 358. Introduction to Studies in Jazz. 3 Credit Hours.
This course introduces students to the American art form of jazz, building an appreciation of it, its different forms, its practitioners, and the various cultures that spawned and have nurtured it. The course includes music theory; African, American, and European social and cultural history; jazz's roots in slave, Gospel, R&B, blues, and soul music; the economics of the music and recording industries; and the relationship between the bounded culture of jazz and its adherents and the larger dominant culture.
Prerequisites: LCS 121 and sophomore standing
Session Cycle: Varies
Yearly Cycle: Varies.

LCS 359. Popular Music and Culture. 3 Credit Hours.
This course examines popular music musicologically (critiquing the sound, tone, and sonority of the music) and anthropologically (analyzing the culture of the people who create and perform the music). The course starts with building a working vocabulary for describing music and then moves into analyzing various popular music genres and the cultural background that created each genre. Students will gain a stronger fluency in listening to and talking about music, and also in comprehending the roles that music plays cross-culturally.
Prerequisites: LCS 121
Session Cycle: Spring
Yearly Cycle: Alternate Years.

LCS 360. Studies in Nonfiction. 3 Credit Hours.
This course will offer students the opportunity to read, analyze, and conduct research on works of nonfiction. Featured texts for study may include biographies, autobiographies, news reportage, journalism, nonfiction novels, essays, film documentaries, collections of letters, and journals.
Prerequisites: LCS 121
Session Cycle: Spring
Yearly Cycle: Alternate Years.

LCS 361. Studies in International Literature. 3 Credit Hours.
This course focuses on the interrelations between representative texts from different cultures. The course may concern the literature of a particular region (Central Europe, Latin America) or a specific historical moment (literature of the New Europe). Readings in literary theory address how to approach diverse literary and cultural texts from a variety of countries. Readings, both fictional and theoretical, will be in English translation.
Prerequisites: LCS 121
Session Cycle: Fall
Yearly Cycle: Alternate Years.

LCS 362. The Human/Animal in Philosophy and Culture: An Intro. to Animal Studies. 3 Credit Hours.
This course explores the relationship between the human and the animal, or more particularly, humans and their animality. It considers how human nature came to be defined in contradistinction to the animal and how human moral, social and political institutions have drawn upon this distinction. The course then explores a broad range of contemporary cultural material from literature, film and the arts to consider how shifting conceptions of nature and animality are being assimilated into the culture at large.
Prerequisites: LCS 121 and sophomore standing
Session Cycle: Varies
Yearly Cycle: Varies.

LCS 363. British Literary Contexts Beginnings to the Restoration. 3 Credit Hours.
This course examines the critical, social, cultural, and historical contexts crucial for understanding British literacy production from the beginnings to the Restoration. Materials will include canonical and non-canonical works representing the broad diversity of perspectives and voices in British literature. Students will employ a variety of current critical methodologies to examine the ways texts both reflect and shape political and aesthetic values.
Prerequisites: LCS 121
Session Cycle: Fall
Yearly Cycle: Annual.

LCS 364. British Literary Contexts Restoration to the Present. 3 Credit Hours.
This course examines the critical, social, cultural, and historical contexts crucial for understanding British literary production from the Restoration to the present. Materials will include canonical and non-canonical works representing the broad diversity of perspectives and voices in British literature. Students will employ a variety of current critical methodologies to examine the ways texts both reflect and shape political and aesthetic values.
Prerequisites: LCS 121
Session Cycle: Spring
Yearly Cycle: Annual.

LCS 365. American Literary Contexts Beginnings to the Civil War. 3 Credit Hours.
This course explores the critical, social, cultural, and historical contexts crucial for understanding American literary production from periods before European contact to just after the Civil War. Materials include canonical and non-canonical works representing the broad diversity of perspectives and voices in American literature. Students will employ a variety of current critical methodologies to examine the ways political tensions, social movements, cultural shifts and other influences shape, and are shaped by, American literary texts.
Prerequisites: LCS 121
Session Cycle: Varies
Yearly Cycle: Alternate Years.

LCS 366. American Literary Contexts Civil War to the Present. 3 Credit Hours.
This course explores the critical social, cultural, and historical contexts crucial for understanding American literary production from after the Civil War to the present. Materials include canonical and non-canonical works representing the broad diversity of perspectives and voices in American literature. Students will employ a variety of current critical methodologies to examine the ways political tensions, social movements, cultural shifts and other influences shape, and are shaped by, American literary texts.
Prerequisites: LCS 121
Session Cycle: Varies
Yearly Cycle: Alternate Years.

LCS 370. Poetry Writing Workshop. 3 Credit Hours.
The Poetry Writing Workshop provides students with a hands-on opportunity to see how poetry is built. Through regular presentations of their original writing to the class, students learn to tap their imaginative potential while absorbing important ideas about form, revision, and the discipline of the art of writing. Outside readings will be assigned from our culture's best recent and current poets. Students will also gain exposure to the contemporary writing world through presentations on literary magazines, college-level writing contests, and area readings.
Prerequisites: LCS 121
Session Cycle: Fall
Yearly Cycle: Annual.

LCS 371. Fiction Writing Workshop. 3 Credit Hours.
The Fiction Writing Workshop provides students with a hands-on opportunity to see how stories are built. Through regular presentations of their original writing to the class, students learn to tap their imaginative potential while absorbing important ideas about form, narrative voice, revision, and the discipline of the art of writing. The fundamental structure of fiction is examined in assignments dealing with setting, character development, imagery, plot, and theme. Outside readings illustrate how well known writers have successfully dealt with writing situations applicable to student work. Additionally, students gain exposure to the contemporary writing world through presentations on literary journals, college-level writing contests and area readings.
Prerequisites: LCS 121
Session Cycle: Spring
Yearly Cycle: Annual.

LCS 372. Creative Writing Workshop. 3 Credit Hours.
The Creative Writing Workshop offers students the opportunity to explore creative writing in a genre other than poetry or short fiction. Each course will address a distinct genre (for example, creative non-fiction, writing for children, or screenwriting). The course includes reading and study of the form, extensive drafting, and critique.
Prerequisites: LCS 121
Session Cycle: Spring
Yearly Cycle: Alternate Years.

LCS 374. Modern Art in Europe 1880-1945. 3 Credit Hours.
This is a survey of a wide range of modern art practices in Europe from the 1880s up through World War II. Avant Garde art movements and styles from this era include symbolism, primitivism, abstraction, futurism, constructivism and the languages of cubism. We will also consider the many forms of reactionary realism and classicism in the inter-war years and the politicized, iconoclastic art of international Dada and Surrealist groups. Modern visual art of the late 19th and early 20th centuries will be discussed in terms of its formal, historical, theoretical and social contexts. Students engage with critical and theoretical texts as well as the presentation of modern art in the context of cultural institutions.
Session Cycle: Fall
Yearly Cycle: Alternate Years.

LCS 375. Landscape, Visual Culture and Ecology. 3 Credit Hours.
This course is concerned with landscape and modern experience as it examines the place of ecology, landscape, nature and human subjectivity in Western art and visual culture, providing critical and historical background to our present ecological condition and exploring models of hope and change. Recent cultural studies approaches to tourism, nationalism, gender and ecological awareness will inform a critical examination of landscape as a wide genre: from academic painting to performance and land based contemporary environmental art.
Session Cycle: Spring
Yearly Cycle: Alternate Years.

LCS 379. Asian American Studies. 3 Credit Hours.
This course will allow students to explore the development of the field of Asian American Studies. Since its inception in 1969, Asian American Studies has developed into an incredibly rich interdisciplinary field that overlaps not only with the humanities but also with areas such as public policy, law, psychology, education, and social work. This course will provide an overview of three strands of Asian American Studies: literary studies, cultural studies, and social movement history in the United States. We will examine a variety of cultural texts: scholarly essays, documents from the Asian American Movement, imaginative literature, memoirs, films, hip hop/spoken word.
Prerequisites: LCS 121
Session Cycle: Spring
Yearly Cycle: Annual.

LCS 380. Latin American Studies. 3 Credit Hours.
This course carefully examines a variety of Latin American and/or Latino cultural products (i.e. literature, cinema, critical theory, music and art). It aims at expanding students' knowledge of Latin America, including U.S. Latino communities, while providing the necessary tools to develop a culturally sensitive frame of reference. Emphasis may vary.
Prerequisites: LCS 121
Session Cycle: Spring
Yearly Cycle: Annual.

LCS 381. Native American Studies. 3 Credit Hours.
Students examine traditional and contemporary texts from several geographic locations in North America. Selections include narratives, myth, rituals, and poetry, as well as the critical approaches to both oral and written texts. Exploration of tribal contexts enhances our understanding of the diversity and sophistication of Native American cultures.
Prerequisites: LCS 121
Session Cycle: Spring
Yearly Cycle: Alternate Years.

LCS 383. Sexuality and Culture. 3 Credit Hours.
This course will deal with a modern Western invention: "sexuality." The historical premise of the course is that during the second half of the 19th century pre-modern understandings of human sexuality were radically reconfigured to make way for new sexual paradigms organized around "homosexual" and "heterosexual" definitions. Both historical and theoretical, this course analyzes key texts from the canon of sexuality studies (Freud, Kinsey, Foucault, e.g.) and explores the cultural struggles resulting from thinking sexuality in binary terms: not only homosexual/heterosexual, but natural/unnatural, normal/deviant, biological function/pleasure.
Prerequisites: LCS 121
Session Cycle: Spring
Yearly Cycle: Annual.

LCS 384. Comparative Religions. 3 Credit Hours.
This course introduces students to Hinduism, Buddhism, Confucianism, Judaism, Christianity, and Islam. Students examine each religion from several interrelated perspectives: the historical, literary and cultural contexts from which it emerged and has developed; its central assumptions, beliefs, and practices; its core values and ethical principles; and its conception of the nature and purpose of human existence.
Prerequisites: LCS 121
Session Cycle: Varies
Yearly Cycle: Varies.

LCS 386. African Heritage in the Americas and Caribbean. 3 Credit Hours.
The objective of this course is to provide an international perspective of the African Diaspora by focusing on critical analysis of cultural products by authors and artists of African descent. We study a variety of cultural expressions including, music, festivals, literature, painting and religion. The primary focus is on Latin America and the Caribbean, although discussions will remain a dialogue with works by scholars and artists from Africa, United States and Britain.
Prerequisites: LCS 121 and sophomore standing
Session Cycle: Spring
Yearly Cycle: Alternate Years.

LCS 387. African Popular Culture. 3 Credit Hours.
In this course we examine multiple forms of music, literature, and art in sub-Saharan Africa to better comprehend their purpose and function in daily African life. Music, literature, and art reflect a diversity of ideas that exist on the African continent. These artistic forms teach us about history, politics, and culture, as well as artists' views of their social conditions. By the end of this course, students will have a strong appreciation for the diversity of people and art in contemporary Africa, and a working knowledge of the current issues and concerns facing people living on the continent.
Prerequisites: LCS 121
Session Cycle: Fall
Yearly Cycle: Annual.

LCS 389. Community Ethnography. 3 Credit Hours.
This course uses anthropological fieldwork methods to document and understand local communities in New England. Students learn to conduct interviews, surveys, participant-observation, and other methods to interpret and understand people's daily lives. Students also learn to photograph, film, and document people's actions, behaviors, and beliefs in ways that assist in understanding local communities.
Prerequisites: GLOB 242/LCS 242 or GLOB 243/LCS 243
Session Cycle: Varies
Yearly Cycle: Varies.

LCS 391. Literary and Cultural Studies Internship. 3 Credit Hours.
Students engage in individually supervised work-study arrangements and learn to apply English language arts, theory, and principles in their work environment. Students must work at least ten hours per week on the job, meet periodically with a supervising faculty member, conduct research related to the field of the internship, and prepare a substantive report on their internship experience and the studies involved.
Prerequisites: LCS 121, junior/senior standing and the approval of a supervising faculty member and the department chair.

LCS 440. Issues in Arts Administration. 3 Credit Hours.
Issues in Arts Administration looks at the institutions, administrators and issues involved in presenting the arts. This class will examine arts institutions in cultural context, including community engagement in the arts, cultural policy and public arts; arts administrators and their leadership, roles and responsibilities; and key topics in arts administration, such as censorship, arts education and ethics. The course draws on readings and literature from various disciplines and fields in the social sciences, arts administration, and the arts as well as the popular media. Topics will be approached through discussion, case studies, field observations, and exercises that connect the readings with practical experience.
Prerequisites: LCS 220 or LCS 270 or LCS 275 or LCS 280
Session Cycle: Spring
Yearly Cycle: Annual.

LCS 441. Film Theory. 3 Credit Hours.
Film can be entertainment or ideology and is often both at the same time. It is a beguilingly accessible form of media that has produced some of the greatest art of the twentieth and twenty first centuries. This is a course in film theory, which approaches film as both an art form and a social practice. Students will learn key texts in film theory, hone skills of visual analysis, and develop understanding of the social, cultural and political contests of film and visual culture. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: LCS 230 or COM 230
Session Cycle: Varies
Yearly Cycle: Varies.

LCS 450. Film Genre Studies. 3 Credit Hours.
A genre approach to film study (one which takes the way we might categorize a film as its point of departure) provides the most effective means for understanding, analyzing, and appreciating cinema because it sees moviemaking as a dynamic process of exchange between the film industry and its audience. This allows us to think about a movie not just as an aesthetic object, but also as a consumer item molded in part by the shifting demands of the mass market. A particular film, then, can tell us as much about the audience for which it's intended and the moment in history to which it belongs as it can about the institutions that produced it. This course examines the way this "dynamic process of exchange" works by looking critically at examples of genre filmmaking of the last several decades. This course is cross-listed with COM 450.
Prerequisites: COM 230/LCS 230 and junior standing
Session Cycle: Varies
Yearly Cycle: Annual.

LCS 456. Contemporary Literature. 3 Credit Hours.
Students examine new and evolving literary forms and styles through reading and analyzing literature of the past decade. Selections are drawn from various literary genres as well as current critical approaches. Through these texts, students explore numerous responses to today's world of changing social and cultural values. Emphasis may vary.
Prerequisites: LCS 121
Session Cycle: Fall
Yearly Cycle: Annual.

LCS 457. Ethics. 3 Credit Hours.
This course is an introduction to Ethics and Moral Philosophy. It introduces students to the history of ethics and various ethical theories and concepts. Students apply ethical theories to concrete situations and contemporary issues. The primary texts are philosophical, but students will also use literary examples, films, newspapers and magazines as the basis for their discussions.
Prerequisites: LCS 121
Session Cycle: Varies
Yearly Cycle: Varies.

LCS 458. Anthropology of Music Industries. 3 Credit Hours.
This course pushes students to conceptualize the music industry as both a business and a site of creativity and individuality. To achieve this, students study the music industry in three ways: 1) theoretically, to grasp the concepts of commodification and creativity within the music industry; 2) practically, to understand the way that the industry functions as a business; and 3) ethnographically, to broaden their knowledge of industries in the United States and other parts of the world. At the end of the course, students will have a firm grasp of the global music industry, how it functions, and how they can better interpret its place within societies.
Prerequisites: LCS 121
Session Cycle: Spring
Yearly Cycle: Alternate Years.

LCS 461. The Image of Business in Literature. 3 Credit Hours.
This course offers insight into the world of business from a variety of literary perspectives. By examining business as a theme in literature, studying evolving images of the business person, and exploring varying concepts of success, students have an opportunity to integrate the humanities and business dimensions of their undergraduate studies.
Prerequisites: LCS 121
Session Cycle: Spring
Yearly Cycle: Alternate Years.

LCS 462. Literature in a Historical Context. 3 Credit Hours.
The historical study of literature in often organized around movements, usually centering on a group of writers whose work shares several attributes and goals. This course examines one such movement or period in-depth. Possible offerings include Realism and Naturalism, Modernism and Post-modernism, and Gothic Literature.
Prerequisites: LCS 121
Session Cycle: Varies
Yearly Cycle: Varies.

LCS 463. Studies in Comparative Literature. 3 Credit Hours.
In this course we analyze literature within a cross-cultural intertextual framework. This course concerns the development of a genre in an international context. Possible themes include fantastic literature, utopian fiction and the detective novel. Courses often relate literature to corresponding artistic, social, and historical movements.
Prerequisites: LCS 121
Session Cycle: Fall
Yearly Cycle: Alternate Years.

LCS 464. Major Literary Figures. 3 Credit Hours.
This course examines in-depth the work of one writer or a circle of writers. Along with focusing closely upon the literature itself, students will study the writer from a number of perspectives. Accordingly, readings may include biography, autobiography, letters, literary theory, and critical reaction from readers of the past and present. Authors who have been featured recently in this course include William Shakespeare, Toni Morrison, Emily Dickinson, and Latin American authors.
Prerequisites: LCS 121
Session Cycle: Fall
Yearly Cycle: Alternate Years.

LCS 466. Women and the Creative Imagination. 3 Credit Hours.
This course considers the creative cultural production of women. Depending upon the instructor, students may expect to engage case studies that range from film to television, to fine art, to theatre, to narrative while exploring historical and recent critical theory on feminism, including the construction of women's gendered identities, and sexual politics. Students who have received credit for ENG 362 or ECS 466, Women and the Creative Imagination cannot receive credit for LCS 466.
Prerequisites: LCS 121
Session Cycle: Fall
Yearly Cycle: Annual.

LCS 468. The Graphic Novel. 3 Credit Hours.
In this course, students will study comics and graphic novel as an art form with its own history and critical vocabulary. Autobiography, memoir, political documentary, and literary adaptation are a few of the new directions in the contemporary graphic novel. As a form of popular culture, the graphic novel raises cultural and historical questions that can be analyzed from a variety of perspectives. Possible authors include: Art Spiegelman, Alan Moore, and Marjane Satrapi. For qualified students, this course may be taken as a 500 level graduate course. Permission of the instructor is required.
Prerequisites: LCS 121 and sophomore standing
Session Cycle: Fall
Yearly Cycle: Alternate Years.

LCS 469. Political Satire. 3 Credit Hours.
This class examines the place of political satire within contemporary culture. It focuses on a wide variety of satiric texts on television, on file, on stage, online, and in print. The course also explores a number of contentious questions about satire, including whether it contributes to political understanding and engagement or merely circulates cynical withdrawal. Students will contemplate why satirical material is so popular right now, and, ultimately, what this tells us about the current state of politics, citizenship, and debate. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: LCS 121
Session Cycle: Fall
Yearly Cycle: Annual.

LCS 470. Advanced Poetry Writing. 3 Credit Hours.
Through regular presentation of their original writing, students gain a greater sensitivity to language and an appreciation of the imagination as a problem-solving tool. Outside readings of American masters and contemporary poets help students develop insights into their own work, as do exercises in formal poetry and the creation of a personal set of poetic standards. A final portfolio of original poetry is required.
Prerequisites: LCS 370 or LCS 371 or permission of the instructor
Session Cycle: Spring
Yearly Cycle: Annual.

LCS 471. Friendship and Intimacy in the Age of Social Media. 3 Credit Hours.
Through an interdisciplinary lens (philosophy, literature, economic theory, gender and sexuality theory), this course critically examines the effects of social media and global capitalism on friendship and intimacy. It asks: what model of friendship is currently culturally dominant? Is friendship merely another commodity useful in augmenting one's "human capital," or do traditional models of friendship still have relevance? Given the important role social media play in movements for social justice, what new avenues for creative cooperation and intimacy become available through social media? We will seek answers to these questions through philosophical, literary, and historical analyses of friendship and intimacy, paying close attention to non-normative, one might say "queer" relationship practices through the ages. This is cross-listed with WGS 471.
Prerequisites: WGS 250 or LCS 250 or LCS 260 or LCS 270 and sophomore standing
Session Cycle: Fall
Yearly Cycle: Annual.

LCS 475. Discourse Analysis: Producing Social Realities. 3 Credit Hours.
Discourse Analysis describes, analyzes and critiques the diverse ways in which talk, text and image are socially constructed. At the same time, Discourse Analysis is concerned to address the ways in which cultural, historical and institutional fields both constrain and enable the routine social construction of talk, text and image, yet also emerge through time as the very products of routinized social constructions. This course is cross-listed with COM 475.
Prerequisites: COM 203 or COM 204 and LCS 121 and junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

LCS 480. Cultural Studies Abroad. 3 Credit Hours.
This course studies the culture, history and literature of a country or an international city. It includes a 10 to 12 day research trip to the location. Students read relevant social history to root them in an understanding of the significance of particular literary and cultural artifacts and locations. The course includes a student-designed research project, which is conducted while studying abroad. The city of London, England, and the Republic of Ireland and Northern Ireland have been studied in this course. Expenses for the study abroad portion are in addition to the tuition for the course. Prerequisites are formal application approval and faculty permission as well as sophomore standing and LCS 121.
Session Cycle: Varies
Yearly Cycle: Varies.

LCS 490. Critical and Cultural Theory. 3 Credit Hours.
This course is designed for any student interested in advanced reading in critical theory. It focuses on the theoretical traditions which have shaped literary, cultural, and aesthetic analysis and interpretation in the 20th and 21st centuries. Students will read work from a number of fields--philosophy, social theory, linguistics, psychoanalysis, gender studies, etc.--in addition to reading and engaging creative texts, in order to develop familiarity with the critical methodologies of Literary and Cultural Studies. A culminating course for students in Literary and Cultural Studies, the course is also appropriate for other students, especially those wishing to pursue graduate study in the humanities or careers in cultural enterprises.
Prerequisites: LCS 121 or instructor permission
Session Cycle: Fall
Yearly Cycle: Annual.

LCS 491. Workshop in Creative and Critical Practice. 3 Credit Hours.
The Workshop in Creative and Critical Practice offers students the opportunity to work on advanced critical and creative projects within the supportive contexts of academic and cultural communities. Students develop a portfolio that demonstrates competencies in several areas of critical and creative production, which may include writing, video, performance, photography, and pedagogy. Students also learn about community art and cultural projects and meet with and learn from local practitioners, who conduct workshops and give guest lectures. The course is a combination of workshops on projects, practicum meetings with artists, and lecture/discussion on the role of community in creative and critical practice.
Prerequisites: LCS 121 or instructor permission
Session Cycle: Spring
Yearly Cycle: Annual.

LCS 497. Directed Study in Literary and Cultural Studies. 3 Credit Hours.
This course is an opportunity for students to do independent, in-depth study or research for academic credit. The student works on an individual basis under the direction of a member of the English and Cultural Studies Department. The main requirement of the course is the development of a substantial paper or project.
Prerequisites: LCS 121.

LCS ST300. Special Topics in Literary and Cultural Studies: Philosophy of Religion. 3 Credit Hours.
This course offers focused study in the philosophy of religion. It will place a specific religion or religions in their historical contexts and consider the social, political and philosophical dimensions of its texts and tenets. The course can potentially be taken more than once as its content may change each time it is offered.

LCS ST301. Special Topics in Literary and Cultural Studies The Locations of Culture Histories of Art. 3 Credit Hours.
This is a roughly chronological series of case studies that explore histories, interpretations and reception of art and visual culture from prehistory to 1850. Emphasis is placed upon western narratives of art in the context of global contact, migrations, trade, colonialism and empire.

LCS ST400. Special Topics in LCS Late Nineteenth-Century Art in France: Impressionism and Post Impressionism. 3 Credit Hours.
The focus of this lecture course is a sense of place in late Nineteenth Century French visual culture. Paris's centrality as the nineteenth-century art capital of Europe and its symbolic function as the image of bohemian modernity will be countered by artists working from other places or identities such as the French suburbs, provinces and colonies as well as other European countries. Cultural interchange between modernity and "primitive" cultures will be discussed as relationships of gender, politics and class.
Prerequisites: LCS 121.

Management (MGT)

Courses

MGT 200. Management Principles and Practice. 3 Credit Hours.
The dominant focus of this course is to help students integrate management theories into a coherent framework for management practice. It is the intent of this course to provide novice business professionals state of the art management knowledge to act effectively and think decisively. Students will be exposed to the historical classics of Management Theory, as well as the four pillars of managerial behavior: planning, leading, organizing, and controlling.
Prerequisites: Sophomore standing
Session Cycle: Fall, Spring, Summer
Yearly Cycle: Annual.

MGT 201. Operations Management. 3 Credit Hours.
In an increasingly competitive global economy, firms must produce high quality, low cost products and services. These products and services must be delivered when, where, and how customers demand them. This course introduces the most important theories and tools used to manage world class firms to achieve competitive advantage. A balance in emphasis between managerial issues and analytical techniques strengthens both critical thinking and problem solving skills. Topics covered include operations strategy, process design, quality, inventory theory, and project management.
Pre/Corequisites: MATH 201
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MGT 201G. Global Dimensions of Operations Management. 3 Credit Hours.
This course has a dual focus on both manufacturing and service operations in the global environment and is comprised of two sections. Section I, Foundations of Operations Management, will cover core operations management concepts including Operations Strategy, Process Design and Quality Management and Tools. In Section 2, Global Operations and Supply Chain Management, the focus will be on supply chain activities and how they are integrated to form a global supply chain. Key activities include Inventory Management, Warehouse and Logistics Management, and Lean Systems. Section 2 will help students recognize and meet strategic global operations management challenges, with an emphasis on attaining global competitive advantage.
Prerequisites: BSIB Major, GFOB 100G, MATH 201 and Sophomore standing
Session Cycle: Spring
Yearly Cycle: Annual.

MGT 203. Honors Management for Organizational Leadership. 3 Credit Hours.
The dominant focus of Management Principles for Organizational Leadership is to increase each student's decision-making effectiveness as future leaders of modern organizations. This course will assist individuals in becoming reflective management practitioners. Students will learn how to diagnosis case situations applying state-of-the-art management knowledge so they can provide sound solutions and decisively implement them. Students will be engaged in a highly interactive, cooperative learning approach throughout the course. They will be involved in team-based projects, simulations, team exercises, and case analyses in order to develop their interpersonal skills. In addition, an important part of the course will be a study of the leading management theorists and thinkers of the past century. This study will help students learn from the "masters" in how to become leaders who can meet the demands of today's global forces. As a culminating experience, each class team will use this knowledge to consult with a university class team or organization to improve its functioning. Students receiving credit for MGT 200 cannot receive credit for this course.
Prerequisites: GFOB 100 or GFOB 100G and honors program
Session Cycle: Fall
Yearly Cycle: Annual.

MGT 302. Organizational Behavior. 3 Credit Hours.
This course helps students to develop a more complete understanding of the distinctively human dimensions of management. Emphasis is placed upon the application of theory to real world problems as well as the development of interpersonal skills. Topics include such issues as motivation, leadership, group dynamics, and interpersonal communication.
Prerequisites: MGT 200 or MGT 203 and junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MGT 312. Human Resources Management. 3 Credit Hours.
An in-depth study of the principles of human resources management, this course emphasizes the broad functions that managers and staff personnel officers must understand in order to develop an effective working force.
Prerequisites: Sophomore standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MGT 356. International Business Management. 3 Credit Hours.
This course is designed for non-International Business majors. The International Business Management course provides an overview of the cultural, economic, legal, and political forces that shape the environment of international business. Students will develop knowledge and skills to help them manage businesses across international boundaries. This is an upper level course that emphasizes the ability for both effective oral and written communication, the application of analytical reasoning, the development of specific research skills for assessing the international context, and the use of experiential exercises to sensitize students to cultural differences.
Prerequisites: MGT 200 or MGT 203 and junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

MGT 357. Diversity in a Global Environment. 3 Credit Hours.
Diversity in a Global Environment responds to recent demographic changes and anticipates future demographic and cultural shifts in the composition of the workforce by framing diversity as a resource to be leveraged rather than a problem to be solved. This is accomplished through lectures, discussions, films, simulations, and case studies and other interactive media.
Prerequisites: Sophomore standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MGT 358. Global Dimensions of Human Resource Management. 3 Credit Hours.
In this contemporary world of globalization, managing people in different forms of international ventures and work arrangements pose their own unique challenges that contribute towards the strategic decision making of the firm. This course is designed to meet the needs of managers and executives in developing successful human resource management policies and techniques in international settings. The first part of the course will focus on the specific HR challenges of managing international assignments - such as recruitment, selection, training, performance management, compensation and benefits. Second, it will move into the realm of comparative labor and industrial relations looking into the differences in union-management relations across the world. Finally the course will move into analyzing HRM issues in new, non-traditional work arrangements such as off-shored work, virtual teams and so on.
Prerequisites: Sophomore Standing
Session Cycle: Fall
Yearly Cycle: Annual.

MGT 370. Managing the Nonprofit Organization. 3 Credit Hours.
The focus of Managing the Nonprofit Organization is the development of and day-to-day management and leadership of nonprofit organizations. Students will be challenged to assess theories of nonprofit excellence, accountability, funding and sustainability, while confronting the contextual issues facing the organizations. This course will be instructed by University faculty and community leaders whose expertise will provide students with challenging academic material and practical hands-on perspectives on a rapidly changing field.
Prerequisites: MGT 200 or MGT 203 and sophomore standing
Session Cycle: Spring
Yearly Cycle: Annual.

MGT 380. Compensation Management. 3 Credit Hours.
The purpose of this course is to provide students with an understanding of the basic elements of an effective and equitable compensation program and how an employer's compensation program can support both operational and strategic objectives. The course will review compensation plan objectives, techniques for implementing these objectives, as well as compliance considerations required by federal law and regulation.
Prerequisites: MGT 312 and Junior standing.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MGT 381. Cross-Cultural Management. 3 Credit Hours.
This course emphasizes the cultural, organizational and management aspects of International Business. The primary focus is on specific issues such as leadership and motivation in a cross-cultural environment dealing with multiple cultures in multiple countries. Analysis of dealing with specific issues combines fundamentals in both organizational behavior and business, examining linkages between the two and developing analytical techniques for "real-life" problems and situations.
Prerequisites: MGT 302 and Junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MGT 391. Management Internship. 3 Credit Hours.
Students in this course engage in individually supervised employment within an area of management (e.g., human resources, operations, or general management) requiring applications of management theory and principles to the work environment. Job functions should include planning, organizing, leading, and/or controlling and require the use of a variety of managerial skills (e.g., analysis, decision making, communi cating, etc). Students must work at least ten hours per week on the job, meet periodically with a supervising faculty member, research related literature in the employment field, and prepare a substantive report on the work experience and on the work experience and the studies involved.
Prerequisites: Junior/Senior standing; the approval of a supervising faculty member and the department chair.

MGT 413. Multinational Business Simulation. 3 Credit Hours.
This course involves a semester-long computer simulation in which the participants, working together in small teams, play the management roles of competing multinational firms. Though the course heavily emphasizes finance, marketing, and production decision making, participants will need to master all aspects of running an enterprise. The course offers many noteworthy features: international scope, strategic focus, lots of written and oral communication, considerable analytic work using spreadsheets and various statistical packages, and coping with sticky ethical and environmental issues. Students will develop leadership, as well as team building skills. Senior standing is required This course is cross-listed with BUS 413, FIN 413 and MKT 413, Multinational Business Simulation.
Prerequisites: FIN 201, MKT 201 or MKT 203 and Senior standing
Session Cycle: Fall
Yearly Cycle: Annual.

MGT 440. The Design Thinking Process. 3 Credit Hours.
In this hands-on course, you will have an opportunity to learn and apply the design thinking process while simultaneously developing an understanding of the psychological (cognitive, behavioral) principles that underlie innovative thinking, problem-solving, and gamification. This course builds explicitly upon the introduction to design thinking that you received during the IDEA program. We will learn how design thinkers embrace a “test and learn” and “build to think” philosophy toward innovation.
Prerequisites: IDEA 101 and PSY 260 and MGT 200 or IB 356 and junior standing
Session Cycle: Fall
Yearly Cycle: Annual.

MGT 450. Internship: Human Resources Administration. 3 Credit Hours.
In this supervised internship students apply the principles of human resource management in a position requiring at least ten hours per week. This course requires a written report. Students must have the approval of a supervising faculty member and the department chair.

MGT 451. Human Resources Development. 3 Credit Hours.
This course examines four main components of Human Resource Development (HRD); training/ individual development, performance management, and organization development and career development. HRD processes needs analysis, learning acquisition, learning transfer and evaluation are examined in detail as are the critical components of performance management, organization development and career development systems. Finally the course explores the competencies HRD practitioners need to possess in order to add value in contemporary organizations.
Prerequisites: MGT 312 and Senior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MGT 461. Cases in Global Business Management. 3 Credit Hours.
Many management concepts, techniques, and systems taught in North America business schools are based on the North American cultural and institutional context. These concepts techniques and systems may not work as intended in other settings and, if used improperly, can compound managers' problems. This course expands on the basic knowledge and skills acquired in MGT 356 and focuses in greater depth on how to implement strategy and operate effectively in different environmental and institutional settings in a global context. The readings, cases, and exercises have been chosen to develop both intellectual understanding and behavioral skills pertinent to the management problems arising from the interaction of people from different cultures in work settings. This course is also intended to develop, to the extent possible in a college course, an appreciation of what it is like to work with people from other cultures and to work in other countries.
Prerequisites: MGT 200 or MGT 203, MGT 356 and Senior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MGT 462. Project Management. 3 Credit Hours.
World class organizations must manage change, and it is the task of the project managers to make those changes happen. Project Management is used in a variety of business environments to manage complex, non-routine, one-time endeavors. This course focuses on these tools and techniques, with attention to both the quantitative and the qualitative aspects of project management. Topics include scheduling, budgeting, cost control, team building and risk management. Students will deliver a consulting report to a regional organization with which they are working.
Prerequisites: MGT 201 and Junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MGT 463. Power and Influence. 3 Credit Hours.
The goal of this course will be to help students grapple with the issues of power in modern organizations. We will explore the sources of power. Students will study the basic principles of influence to determine how friends, supervisors, family, or sales people get their way. We will evaluate different strategies and tactics for employing power effectively. We will especially focus on learning how to influence when you do not possess formal authority. Ethical issues will be analyzed to help you become more responsible to others as a steward and servant to others. By the end of the course, students will be challenged to assess their uses of power and influence. This will help you develop as a self-directed, reflective learner to handle future challenges.
Prerequisites: MGT 302 and Senior standing
Session Cycle: Fall
Yearly Cycle: Annual.

MGT 464. Employment Relations. 3 Credit Hours.
This course will begin with developing an understanding of the historic labor movement in America and its impact on the nature of conflict resolution in the workplace. Students will then examine the broader area of employment relations management, employee rights and responsibilities, labor relations and collective bargaining, as well as management obligations under the law. Important federal laws that influence the workplace environments will be studied. Several major Supreme Court rulings will be examined for their impact on employer-employee relationships and for the obligations they impose on management.
Prerequisites: Senior Standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MGT 465. Advanced Topics in Operations Management. 3 Credit Hours.
This course is designed to enhance management knowledge and skills in the design, implementation, and control of operations activities. Through the use of the case method, computer applications and research assignments, students are exposed to contemporary operations management concepts including service operations, high value added processes, quality management, and materials management systems.
Prerequisites: MGT 201 and Senior standing
Session Cycle: Fall
Yearly Cycle: Annual.

MGT 475. Management Seminar. 3 Credit Hours.
In this seminar students learn to identify and understand the trends in the sociological, technological, and managerial environments that management will face in the early twenty-first century. Students also learn to develop philosophies and styles in order to deal with such trends.
Prerequisites: Senior standing
Session Cycle: Spring
Yearly Cycle: Annual.

MGT 476. Team Building and Conflict Resolution. 3 Credit Hours.
The focus of this course is to develop understanding of where conflict comes from within organizations and how it can be managed effectively, and to empower students with some of the skills and strategies needed to become members and leaders of effective team units in the workplace. The successful manager of the future will be the one who knows how to create an effective team climate and how to respond to and manage organizational conflict. The focus of the course will be on the role of the manager in influencing and responding to conflict, and developing and empowering effective team units.
Prerequisites: MGT 302 and Senior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MGT 477. Women and Leadership Strategies for Success and Professional Development. 3 Credit Hours.
Women and Leadership: Strategies for Success and Professional Development focuses on the role women play in today's organization. This course specifically focuses on professional development; providing multiple opportunities to acquire the skills and competencies each individual student requires to succeed in both personal and professional endeavors in areas such as networking, negotiation, personal branding, leadership and career development.
Prerequisites: Senior standing
Session Cycle: Fall
Yearly Cycle: Annual.

MGT 478. Strategic Human Resource Management SHRM. 3 Credit Hours.
In this capstone course for Human Resource Management, students learn to integrate the entire HR body of knowledge and understand it within a global and a strategic framework. The HR capstone allows the students to apply the knowledge of HR they have gained taking various courses.
Prerequisites: MGT 312 and senior standing
Session Cycle: Spring
Yearly Cycle: Annual.

MGT 497. Directed Study in Management. 3 Credit Hours.
Under faculty supervision, students pursue a well defined area of interest in management. Permission of department chair is required. Senior standing is required.

Marketing (MKT)

Courses

MKT 201. Foundations of Marketing Management. 3 Credit Hours.
This course exposes students to a systems-oriented approach to marketing that is both theoretical and applied. Students examine the major environmental forces that challenge the marketing manager today and, in the process, learn marketing methodology used in the field. Students explore topics like marketing research, buying behavior, segmentation, targeting, and Marketing Mix (product, distribution, promotion, and pricing).
Pre/Corequisites: ACG 203 or CIS 201
Prerequisites: GFOB 100 and ECO 113 and ECO 114 and sophomore standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MKT 201G. Global Dimensions of Marketing. 3 Credit Hours.
This course exposes students to a systems- oriented approach to marketing that is both theoretical and applied. Students examine the major environmental forces that challenge the marketing manager today and, in the process, learn marketing methodology used in the field. Students explore topics like marketing research, buying behavior, segmentation, targeting, and Marketing Mix (product, distribution, promotion, and pricing). Although this course deals with common marketing concepts and problems, these topics are analyzed in a broader, international context.
Pre/Corequisites: ACG 203 or CIS 201G
Prerequisites: BSIB major, GFOB 100G and ECO 113 and ECO 114 and Sophomore standing
Session Cycle: Fall
Yearly Cycle: Annual.

MKT 203. Honors Contemporary Marketing Principles Seminar. 3 Credit Hours.
This course will expose students to the core marketing principles and the use of those principles to accomplish marketing tasks. Students will examine current marketing issues in detail and read current business/marketing periodicals on topics relevant to marketing.
Pre/Corequisites: ACG 203 or CIS 201
Prerequisites: GFOB 100 and ECO 113 and ECO 114 and honors program and sophomore standing
Session Cycle: Spring
Yearly Cycle: Annual.

MKT 302. Marketing Strategy. 3 Credit Hours.
This course provides students interested in pursuing marketing related careers with the knowledge necessary to create effective and innovative strategies designed to attain organizational goals and objectives. Strategies, including the role of the marketing function within the corporate and SBU structure, segmentation, positioning, product development, life-cycle, branding, IMC, and distribution are examined.
Prerequisites: Sophomore standing and MKT 201, MKT 201G or MKT 203
Session Cycle: Fall
Yearly Cycle: Annual.

MKT 311. Consumer Behavior. 3 Credit Hours.
In this course students concentrate on the ultimate or final user, examining anticipatory and consummatory, rational and emotional, instinctive and collectivist behavioral variables in the light of conceptual contributions from economics, psychology, sociology, and anthropology.
Prerequisites: MKT 201 or MKT 201G or MKT 203 and Junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MKT 312. Marketing Research. 3 Credit Hours.
Students in this course learn to develop the information necessary for marketing decision-making. This course emphasizes a management-oriented analysis of marketing phenomena including the following: identifying and defining marketing problems, designing research, acquiring information, evaluating data, and presenting research.
Prerequisites: MATH 201 and MKT 201 or MKT 203 or MKT 201G and Junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MKT 360. Retail Management. 3 Credit Hours.
Retailing is addressed as a unique business and marketing format, which is distinct from manufacturing and wholesaling. The course examines how retailers have evolved and identifies challenges that retailers face in the 21st century, as well as the role of the internet in retail strategy. The development of approaches to attract consumers and cultivate long-term relationships is a significant theme throughout the semester. Course objectives include achieving an understanding of the global environment in which retailers operate; the need for a strategic approach to retail management; the types and sources of information available to enhance marketing decision-making; and the relationship among the marketing mix variables and their application to retailing.
Prerequisites: MKT 201 or MKT 201G or MKT 203 and Junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

MKT 363. Personal Selling. 3 Credit Hours.
This course is designed to give you hands-on experience and feedback to improve your selling skills. Every industry in every country is in need of well-trained sales people. Often, success in sales leads to executive positions in the firm. This class will help you perform better in selling situations whether working B2B, B2C or selling your own brand in the job interview by teaching the tools and strategies for success. Some of the topics include: adaptive selling, ethics, relationship and trust building, closing the sale, negotiating for win-win solutions, handling objections, prospecting, verbal and nonverbal communication, personal and professional development and branding, customer relationship management, time and territory management, social media, and various selling techniques. Students compete in a sales competition during the semester, network with sales professionals, study selling cases and perform many recorded presentations. The course uses 360 degree evaluation and incorporates technology into the classroom, as well as feedback from professional sellers, buyers and trainers.
Prerequisites: MKT 201 or MKT 201G or MKT 203 and Junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MKT 368. International Marketing. 3 Credit Hours.
Students will study essentials of international marketing and explore reasons and needs for marketing goods and services across international borders. This class explores differences in cultural, political, economic, and legal systems and the impact of these differences on marketing strategy. Students will investigate different modes of entry into foreign markets, global trade trends, international positioning, and specificities of international marketing research. This provides a foundation for examining each element of the marketing mix (product, place, price, promotion) in the international context.
Prerequisites: MKT 201 or MKT 201G or MKT 203 and Junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

MKT 371. Advertising Management. 3 Credit Hours.
This integrated Marketing Communication course is an overview of promotional activities and their effective integration in the communication endeavors of the firm. This course emphasizes the following topics: determining communication goals, marketing and promotional objectives; developing creative themes; testing messages; evaluating advertising effectiveness, and strategic campaign planning. Students also develop creative-thinking and decision-making skills and their application to media planning, budgeting, and other matters of promotion and communication consideration.
Prerequisites: MKT 201or MKT 201G or MKT 203 and Junior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MKT 380. Services Marketing. 3 Credit Hours.
Because numerous key differences exist between the marketing and management of services and the marketing of goods, this course focuses on the distinctive and necessary marketing challenges associated with service offerings as well as management strategies and tactics needed for marketplace success. The importance of service marketing and management expertise is highlighted by the dominance of and increasing dependence on services in developed economies.
Prerequisites: MKT 201 or MKT 201G or MKT 203 and Junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

MKT 381. Digital Marketing. 3 Credit Hours.
This course examines how digital marketing can be used to achieve business and marketing goals. This course will focus on online consumer behavior, the various digital channels available to marketers, how to create and launch effective digital marketing campaigns across internet-based platforms using product, pricing, communication, and distribution strategies, and how to track marketing effectiveness. The composition, structure, impact of “digital marketplaces” on the organization and its marketing program are also investigated.
Prerequisites: MKT 201 or MKT 201G or MKT 203 and MKT 311
Session Cycle: Spring
Yearly Cycle: Annual.

MKT 382. New Product Development. 3 Credit Hours.
This course introduces the student to the numerous stages an organization executes to bring a new product to market. It covers the decisions that management and marketing must make to bring a product from the concept generation and problem based ideation to marketing testing and launch management.
Pre/Corequisites: MKT 311 and MKT 312 and Junior Standing
Prerequisites: MKT 201 or MKT 201G or MKT 203
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MKT 391. Marketing Internship. 3 Credit Hours.
Individually supervised employment in an area of marketing (such as retailing, advertising, sales and marketing research) which involves the application of marketing theory and principles to the work environment. Students are required to work a minimum of ten hours per week on the job, meet periodically with their supervising faculty member research related literature and prepare a substantive report on their work experience. This course requires department approval and is limited to second semester juniors and to seniors.

MKT 410. Business To Business Marketing. 3 Credit Hours.
Students in this course investigate the domestic and international activities involved in marketing products and services to industrial buyers, governments, and marketing intermediaries. Students learn a marketing approach to business strategy. Supply Chain Management is a central core of the course with special emphasis placed on physical distribution, business marketing channel participants, value and vendor analysis, contracting, business ethics, and pricing strategy.
Prerequisites: MKT 201 or MKT 201g or MKT 203 and Senior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MKT 412. Marketing Policy and Problems. 3 Credit Hours.
This course provides a capstone experience to help students integrate and advance knowledge from prior marketing and business courses to gain experience in marketing strategy development. Using a case method, students apply their knowledge of marketing and other business subjects to actual marketing situations facing various types and sizes of organizations in a variety of industries. Students develop, sharpen, and test their analytic skills in the following areas: situational analysis, data interpretation, opportunity and problem determination, decision making under uncertainty, and development and defense of strategies.
Prerequisites: MKT 311, MKT 312 and Senior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MKT 413. Multinational Business Simulation. 3 Credit Hours.
This course involves a semester-long computer simulation in which the participants, working together in small teams, play the management roles of competing multinational firms. Though the course heavily emphasizes finance, marketing, and production decision making, participants will need to master all aspects of running an enterprise. The course offers many noteworthy features: international scope, strategic focus, lots of written and oral communication, considerable analytic work using spreadsheets and various statistical packages, and coping with sticky ethical and environmental issues. Students will develop leadership, as well as team building skills. This course is cross-listed with BUS 413, FIN 413 and MGT 413, Multinational Business Simulation.
Prerequisites: FIN 201, MKT 201 or MKT 201G and Senior standing
Session Cycle: Fall
Yearly Cycle: Annual.

MKT 421. Sustainability Marketing. 3 Credit Hours.
This course explores marketing sustainability from an international perspective. The course is bilt around assesssing sustainable practices of international companies with a focus on the supply chain and how these practices compare to those in the United States. The course emphasizes communication, consumer sentiment and regulation regarding sustainability. There will be a travel component for this course to provide students with a true global and experiential learning experience.
Prerequisites: Instructor permission and MKT 201
Session Cycle: Spring
Yearly Cycle: Annual.

MKT 461. Marketing Analytics. 3 Credit Hours.
In this course students learn to develop and apply quantitative and analytic tools to tactical areas of marketing decision making. Students acquire the following techniques: forecsting, behavioral modeling, and linear and nonlinear programming. The course teaches compute applications using spreadsheets, word processing, and statistical software.
Prerequisites: MKT 312 and Senior standing
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MKT 463. Sales Management. 3 Credit Hours.
This course is designed to give students hand-on training in sales management and exposure to hiring firms, while refining students skills and providing opportunities for professional success. In this course, students will be assigned two sales teams to manage, who will provide feedback on their management capabilities. Students will shadow a sales manager for a day, compete in a sales competition with professional sales people and trainers, and design a self-directed learning project to complete during the term. The course offers a professional speaker series with special topics in sales management. Topics of the course include: managing conflict, goal setting, providing feedback, understanding your leadership style, active listening, following up, asking the right questions, coaching, sales forecasting, adapting to the situation, motivating your sales team, training, compensation, recuriting, selection, performance evaluation, ethics, and communication.
Prerequisites: MKT 363 and senior standing is required
Session Cycle: Spring
Yearly Cycle: Annual.

MKT 470. Advertising Problems. 3 Credit Hours.
This is an advanced course that makes use of the case method. Principle areas include; determining communications strategies, developing creative themes, writing for print and broadcast media, media planning and budgeting, advertising research techniques, and agency/client relations. Guest speakers and readings from trade journals are incorporated to familiarize students with the people and institutions of advertising.
Prerequisites: MKT 371 and Senior standing
Session Cycle: Spring
Yearly Cycle: Alternate Years.

MKT 471. Marketing Practicum. 3 Credit Hours.
This is a senior level course for marketing majors focusing on expanding their knowledge in selected areas of marketing, marketing management, and developing skills to effectively manage in these areas. The course utilizes a seminar format emphasizing student interaction and independent research. The topics that will be investigated include marketing of new ventures, e-marketing, direct marketing, service and health marketing, and franchising. Students are assigned to "real world" cases and are required to perform situational analysis, identify key marketing issues, perform appropriate exploratory research, and develop and present recommendations. Course objectives include the examination of contemporary issues facing marketing managers from a variety of perspectives; providing students with background, insights, experiences in analyzing, solving problems marketing managers typically face as well as the opportunity to observe and interact with companies whose marketing strategies have led to successes and perhaps failures.
Prerequisites: MKT 201 or MKT 201G or MKT 203 and Senior standing
Session Cycle: Spring
Yearly Cycle: Annual.

MKT 497. Directed Study in Marketing. 3 Credit Hours.
In depth exploration of specialized areas of marketing serve as the purpose of this course. Individualized instruction is used to research areas in which the faculty member and student have a common interest. Extensive research including primary data collection may be required. The course concludes with the preparation of a thorough research report and presentation.
Prerequisites: MKT 201, MKT 312 and senior standing.

Mathematics (MATH)

Courses

MATH 101. Pre-Calculus. 3 Credit Hours.
MATH 101 is a pre-calculus course. Topics covered will include linear functions, power functions, graphical concepts, quadratic functions, rational functions, and exponential and logarithmic functions. In addition, there will be an extensive review of algebraic concepts. It is expected that, upon completion of this course, students will be prepared to take MATH 110. This course does not fulfill a Mathematics requirement.
Prerequisites: Math Placement Exam
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MATH 110. Mathematical Analysis. 3 Credit Hours.
MATH 110 is an applied mathematics course. Although it is weighted more heavily toward calculus and its applications, many pre-calculus topics will be reviewed prior to the corresponding calculus topic. Topics covered will include differentiation, integration, curve sketching and optimization techniques. Applications are keyed to management, economics, finance, and the social and natural sciences. A brief unit on Mathematics of Finance will also be covered.
Prerequisites: Math Placement Exam
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MATH 121. Calculus and Analytic Geometry I. 3 Credit Hours.
This is the first course for Actuarial Mathematics, Applied Math and Statistics, Applied Economics, Biology and Environmental Science majors, and those concentrating in Applied Statistics. The course is also recommended for the math minors. Topics include limits, continuity, derivatives, and integrals, along with their application to the Mean Value Theorem, curve sketching and optimization, the calculus of transcendental functions, and area between curves.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MATH 122. Calculus and Analytic Geometry II. 3 Credit Hours.
This course is a continuation of MATH 121, designed for Actuarial Mathematics, Applied Math and Statistics, Applied Economics, Biology and Environmental Science majors, and those concentrating in Applied Statistics. It is recommended for the math minors also. Topics include L'Hopital's Rule, the calculus involving inverse trigonometric functions, integration methods, modeling with differential equations, geometric series, MacLaurin and Taylor Polynomials and Series, introduction to partial derivatives and multiple integrals.
Prerequisites: MATH 121
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MATH 129. Mathematics of Finance. 3 Credit Hours.
This course is an intensive study of mathematics that can be applied in business and finance. Topics include simple and ordinary interest, simple bank discount, compound interest, simple and complex annuities, annuities in perpetuity, and geometrically varying annuities. The mathematics for determining present value, future amount, and periodic annuity payments is developed. Further, the concepts of exponential and logarithmic functions are presented in order to be able to determine time duration. The students are shown interest rates in annuities, which cannot be determined explicitly by algebraic methods but can be determined by use of Goal Seek function in Excel. Fundamental linear programming and breakeven models (that include time delayed revenue and borrowed funds) are also presented. Students that receive credit for MATH 110 or MATH 110 Honors cannot receive credit for MATH 129.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MATH 201. Statistics I. 3 Credit Hours.
In this course students are taught the concepts necessary for statistical analysis and inference. Topics include descriptive statistics, classical probability, probability distributions, confidence intervals, and hypothesis testing, chi-square analysis, simple linear regression and correlation.
Prerequisites: MATH 110 or equivalent
Session Cycle: Fall, Spring, Summer
Yearly Cycle: Annual.

MATH 223. Calculus and Analytic Geometry III. 3 Credit Hours.
This course is the third of three calculus courses required of actuarial and applied mathematics and statistics majors. Topics include the conic sections, circles, parabolas, ellipses, and hyperbolas, polar coordinates, vectors and vector-valued functons, functions of more than one variable dealing with partial derivatives with its mathematical applications and the calculation of double and triple integrals.
Prerequisites: MATH 122
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MATH 226. Linear Algebra. 3 Credit Hours.
This course is an introduction to the topic of Linear Algebra. The topics covered will include the study of matrices, determinants, vector spaces, subspaces, row and column spaces, null spaces, linear transformations, and eigenvalues and eigenvectors.
Prerequisites: MATH 121
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MATH 228. Discrete Structures. 3 Credit Hours.
This course introduces the foundations of discrete mathematics as they apply to information technology, focusing on providing a solid theoretical foundation for further work. Topics include propositional logic, sets, growth of functions, simple proof techniques, elementary number theory, counting techniques, relations and graph theory.
Pre/Corequisites: MATH 110 or equivalent
Session Cycle: Spring
Yearly Cycle: Annual.

MATH 350. Statistics II. 3 Credit Hours.
A continuation of MATH 201, this course provides students further concepts necessary for statistical analysis and inference. Topics include analysis of variance, multiple regression and correlation, model building, chi-square tests, and nonparametric statistics.
Prerequisites: MATH 201
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MATH 354. Software Application for Mathematics. 3 Credit Hours.
This course introduces students to the use of Microsoft Visual Basic behind Excel spreadsheets. Students are taught to write computer programs based on specified criteria. Excel functions and Goal Seek are used in a variety of applied project assignments. Topics typically include simulation, mathematical distributions, and statistical analyses. Additional topics may include writing of stand-alone programs with Visual Basic forms, manipulation of data in Excel or Microsoft Access, and/or the use of statistical packages such as SAS.
Prerequisites: MATH 201 or AM 230
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MATH 391. Applied Mathematics and Statistics Internship. 3 Credit Hours.
Applied mathematics and/or statistics internships give students the opportunity for supervised employment in an area where they can apply their theories and principles. Interns work at least ten hours a week, meet periodically with a supervising faculty member, conduct research on their field of employment, and prepare a substantive report on work experience and research.
Prerequisites: Junior standing and approval by a supervising faculty member and the department chair.

MATH 409. Elementary Number Theory. 3 Credit Hours.
This course will cover topics such as divisibility, prime numbers, Fundamental Theorem of Arithmetic, Euclid's Algorithm, Pascal's Triangle, Fibonacci numbers, congruences and residue classes, Diophantine equations, Euler's Phi Function, Fermat's Last Theorem, and Pythagorean Triples. A major application in the course will be to Cryptography. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: MATH 201 or permission of the instructor
Session Cycle: Spring
Yearly Cycle: Annual.

MATH 435. Geometry. 3 Credit Hours.
Since the time of Euclid (330 BC) the study of Geometry has been regarded as s foundation of western education and the preferred context in which to teach young adults the purpose and value of logical thinking. This course is offered to provide undergraduate and graduate level mathematics education students and others an introduction to and a mastery of both the classical and analytic aspects of Euclidean Geometry. The ideas of point, line, plane, triangle, quadrilaterals,parallelism and lack of it, similarity, congruence, area, volume and Loci will be formally presented through an axiomatic method using definitions, postulates and geometric proofs. The structure, the pedagogy and the presentation of the above topics will also be emphasized throughout the course. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: MATH 110 or permission of instructor
Session Cycle: Spring
Yearly Cycle: Annual.

MATH 455. SAS Programming and Applied Statistics. 3 Credit Hours.
This course provides an introduction to SAS programming. It also covers statistical applications utilizing both SAS and Enterprise Guide. Some of the topics covered in the first part of this course include: reading raw data files and SAS data sets; investigating and summarizing data by generating frequency tables and descriptive statistics; creating SAS variables and recoding data values; subsetting data; combining multiple SAS files; creating listing, summary, HTML, and graph reports; managing SAS data set input and output, working with different data types, and manipulating data. In the second part of the course, we apply SAS and Enterprise Guide to the analysis of data using the topics of ANOVA, regression, and logistic regression. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: MATH 350 or AM 332 or ECO 210 or ECO 315
Session Cycle: Spring
Yearly Cycle: Annual.

MATH 456. Statistical and Mathematical Decision Making. 3 Credit Hours.
This course provides an introduction to the concepts and methods of Decision Science, which involves the application of mathematical modeling to problems of decision making under uncertainty. It also provides a foundation in modeling with spreadsheets. Topics include linear programming, goal programming, nonlinear programming, decision analysis, and simulation.
Prerequisites: MATH 201 or AM 231
Session Cycle: Spring
Yearly Cycle: Annual.

MATH 460. Applied Data Mining. 3 Credit Hours.
Employing SAS Enterprise Miner software with real-world case studies, this course introduces students to the current theories, practices, statistical tools and techniques in "data mining," which embodies cutting-edge methods to reveal competitive insight, market advantage, and strategic opportunities. This course will cover the most useful statistical tools in data mining such as cluster analysis, logistic regression, classification trees, and neural networks. In addition, a comprehensive real-world data project will be required along with a presentation to the class and other interested parties of key aspects of the project with an analysis of the results. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: MATH 350 or AM 332
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MATH 461. Applied Multivariate Statistics. 3 Credit Hours.
After a brief review of multiple regression and analysis of variance, students are introduced to multivariate statistical techniques including principal components analysis, factor analysis, cluster analysis, discriminant analysis, logistic regression and multivariate analysis of variance. This course will emphasize practical applications rather than theory. The computer package SAS will be used for analysis. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: MATH 350 or AM 332
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MATH 470. Statistical Design and Analysis of Experiments. 3 Credit Hours.
This course is an introduction to the design and analysis of statistical experiments. It will cover the main elements of statistical thinking in the context of experimental design and ANOVA. Students will learn to choose sound and suitable design structures and also how to explore real data sets using a variety of graphs and numerical methods and analyze these data sets from designed experiments and reach justifiable conclusions based on the analyses. This will be an applied course and will utilize the SAS statistical package. This is a SAS Certified class. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: MATH 350 or AM 332
Session Cycle: Fall
Yearly Cycle: Annual.

MATH 475. Applied Analytics Using SAS. 3 Credit Hours.
This course will include an in-depth review of applied analytical approaches, challenges, and solutions. A hands-on approach will be emphasized throughout the semester. A brief review of analytical techniques through material covered in MATH 350 or AM 332 will be included, as well as an introduction to further analytical tools such as multivariate analysis, predictive modeling, time series analysis and survey analysis. SAS Enterprise Guide Software will be introduced and utilized for applying hand-on analysis to real world data problems. This is a SAS Certified course. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: MATH 350 or AM 332
Session Cycle: Spring
Yearly Cycle: Annual.

MATH 488. Sports Statistics. 3 Credit Hours.
This course introduces a number of statistical methods beyond the elementary level and combines theory with application. The goal is for the student to develop the ability to compare and contrast a number of statistical methods focusing on their application to the sports industry. A major component of this course is to understand the strengths and weaknesses of various statistical methods.
Prerequisites: AM 231 or MATH 350
Session Cycle: Spring
Yearly Cycle: Annual.

MATH 490. Applied Mathematics and Statistics Capstone Seminar. 3 Credit Hours.
The students will be required to research and write an applied mathematical or statistical thesis, and make oral presentations of the results. This course will develop the student's research skills and ability to write and present applied mathematical or statistical topics. Projects that solve problems of an interdisciplinary nature are encouraged.
Prerequisites: Senior standing and permission of the instructor
Session Cycle: Spring
Yearly Cycle: Annual.

MATH 497. Directed Study in Mathematics. 3 Credit Hours.
This is an opportunity for students to do independent, in-depth research for academic credit. The student works on an individual basis under the direction of a member of the mathematics department. The main requirement of the course is the development of a substantial paper or project.

MATH E110. Mathematical Analysis. 3 Credit Hours.
MATH 110 is an applied mathematics course. Although it is weighted more heavily toward calculus and its applications, many pre-calculus topics will be reviewed prior to the corresponding calculus topic. Topics covered will include differentiation, integration, curve sketching and optimization techniques. Applications are keyed to management, economics, finance, and the social and natural sciences. A brief unit on Mathematics of Finance Will also be covered.
Prerequisites: Math Placement exam
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

MATH E201. Statistics I. 3 Credit Hours.
In this course students are taught the concepts necessary for statistical analysis and inference. Topics include descriptive statistics, classical probability, probability distributions, confidence intervals, and hypothesis testing, chi-square analysis, simple linear regression and correlation.
Prerequisites: MATH 110 or equivalent
Session Cycle: Fall, Spring, Summer
Yearly Cycle: Annual.

Military Science (MLTS)

Courses

MLTS 101. Fundamentals of Leadership I with Lab. 3 Credit Hours.
Introduces Cadets to the personal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as critical thinking, goal setting, time management, stress management, and comprehensive fitness relate to leadership, officership, and the Army profession. The focus is on developing basic knowledge and comprehension of Army leadership dimensions.
Session Cycle: Fall
Yearly Cycle: Annual.

MLTS 102. Fundamentals of Leadership II with Lab. 3 Credit Hours.
Overviews basic leadership fundamentals such as setting direction, problem-solving, listening, presenting briefs, providing feedback, and using effective writing skills. Cadets explore dimensions of leadership attributes and core leader competencies in the context of practical, hands-on, and interactive exercises. Cadre role models and the building of stronger relationships among the Cadets are critical aspects of the MILTS 102 program.
Session Cycle: Spring
Yearly Cycle: Annual.

MLTS 201. Principles of Military Leadership I with Lab. 3 Credit Hours.
Explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework (trait and behavior theories). Cadets practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises and participating in leadership labs.
Session Cycle: Fall
Yearly Cycle: Annual.

MLTS 202. Principles Military Leadership II with Lab. 3 Credit Hours.
The course highlights dimensions of operation orders, terrain analysis, and patrolling. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. Cadets develop greater self-awareness as they assess their own leadership styles and practice communication and team building skills.
Session Cycle: Spring
Yearly Cycle: Annual.

MLTS 301. Small Unit Leadership I with Lab. 3 Credit Hours.
Challenges cadets to study, practice, and evaluate adaptive leadership skills as they are presented with scenarios related to squad tactical operations. Cadets receive specific feedback on their leadership attributes and actions. With the feedback, and own self-evaluations, cadets develop their leadership and critical thinking abilities. The focus is developing cadets' tactical leadership abilities in preparation for ROTC's summer Leadership Development and Assessment Course (LDAC).
Session Cycle: Fall
Yearly Cycle: Annual.

MLTS 302. Small Unit Leadership II with Lab. 3 Credit Hours.
Apply team leadership challenges to build cadet awareness and skills in leading tactical operations at the small unit level. They conduct military briefings and develop proficiency in the operation orders process. The focus is on exploring, evaluating, and developing skills in decision-making, persuading, and motivating team members. Cadets prepare to attend the ROTC summer Leader Development Assessment Course (LDAC).
Session Cycle: Spring
Yearly Cycle: Annual.

MLTS 401. Leadership and Management I with Lab. 3 Credit Hours.
Transitions the focus of student learning from being trained, mentored and evaluated to learning how to train, mentor and evaluate others. Students will attain knowledge and proficiency in several areas critical in their future roles as officers, including the Military Decision Making Process, training management, counseling, risk management, effective communication, ethical/moral decision making, and administrative systems within the Army.
Session Cycle: Fall
Yearly Cycle: Annual.

MLTS 402. Leadership and Management II with Lab. 3 Credit Hours.
Explores the dynamics of leading Soldiers and completes the transition from student to Army lieutenant. Significant emphasis is placed on preparing students to face the complex ethical and practical demands of leading Soldiers in the US Army using case studies and exercises. Additionally, students will develop a Battle Analysis and participate in a Staff Ride at a historic military site.
Session Cycle: Spring
Yearly Cycle: Annual.

Modern Language (ML)

Courses

ML 275. Introduction to Linguistics. 3 Credit Hours.
The purpose of this course is to describe the intuitive knowledge that a native speaker of a language possesses, allowing greater insight into the intricacies of human language. Topics include morphology, syntax, semantics, phonetics, phonology, pragmatics, sociolinguistics, language acquisition and change, artificial language, and writing systems. This course is cross-listed with COM 275.
Session Cycle: Fall
Yearly Cycle: Annual.

ML CH101. Basic Chinese Culture and Language I. 3 Credit Hours.
This is Part one of a series of Basic Chinese Language and Culture (CH101 and CH102, 3 credits each) in modern Mandarin Chinese designed for students with no significant background in the language or Chinese culture. The goal is to lay a good foundation for Chinese study and to strive for a well-rounded development of communicative skills and cultural awareness. It comprises two themes: language and culture. The language theme includes basic training on language proficiency, and the culture theme introduces culture norms and customs. Students who successfully complete this series will automatically enter ML CH106.

ML CH102. Basic Chinese Culture and Language II. 3 Credit Hours.
This is Part Two of a series of Basic Chinese Language and Culture (CH101 and CH102, 3 credits each) in modern Mandarin Chinese designed for students with no significant background in the language or Chinese culture. The goal is to lay a good foundation for Chinese study and to strive for a well-rounded development of communicative skills and cultural awareness. It is comprised of two themes: language and culture. The language theme includes basic training in language proficiency, and the culture theme introduces culture norms and customs. Students who successfully complete this part of the series will automatically enter ML CH106.

ML CH105. Introduction to Chinese Language and Culture I. 4 Credit Hours.
This is Part One of an introductory class in modern Mandarin Chinese designed for students with no significant background in the language. Its goal is to lay a good foundation for Chinese study and to strive for a well-rounded development of communicative skills in listening, speaking, reading, and writing in Mandarin Chinese. It provides basic training in pronunciation and tones, character recognition and production skills, high-frequency vocabulary words, and syntactic structures and usage. The teaching materials are culturally authentic, which introduce the culture norms and customs associated with real-life experience. It helps students understand the culture and society of the target language so that they can use the target language effectively and appropriately. Students who have previous knowledge of Chinese (including local dialects such as Cantonese or Taiwanese) are encouraged to consult the instructor before taking this course. This course includes a laboratory component.
Prerequisites: Language Placement Exam
Session Cycle: Fall
Yearly Cycle: Annual.

ML CH106. Introduction to Chinese Language and Culture II. 4 Credit Hours.
This is part two of an introductory class in Mandarin Chinese. The emphasis continues to be on speaking, listening, comprehension, basic conversational skills and the Chinese writing system. This course includes a laboratory component.
Prerequisites: ML CH105 or language placement exam
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ML CH205. Intermediate Chinese I. 4 Credit Hours.
Intermediate Chinese Language and Culture I course is designed for students who have successfully completed the beginning level of Mandarin Chinese in the first year. Students who wish to take part in this course without taking ML CH105 and ML CH106 must pass a required Mandarin Chinese Assessment Test or receive special permission by the instructor. Focus on grammatical structures and sentence patterns. Learning Chinese characters and reading comprehension become increasingly important in the second year. The course includes a laboratory component.
Prerequisites: ML CH106 or language placement exam
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ML CH206. Intermediate Chinese II. 4 Credit Hours.
Intermediate Chinese Language and Culture II is a continuation of ML CH205 and is designed for students who have successfully completed the initial intermediate level of Mandarin Chinese. Students who wish to take part in this course without taking ML CH205 must pass a required Mandarin Chinese Assessment Test or receive special permission from the instructor. Focus is on grammatical structures and sentence patterns. Learning Chinese characters and reading comprehension become increasingly important in the second year. The course includes a laboratory component.
Prerequisites: ML CH205 or language placement exam
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ML CH305. Reading and Writing I. 3 Credit Hours.
This course is designed for students who have completed ML CH205 and ML CH206 or who tested into ML CH305. The central objective of the course is to develop greater proficiency and skill in the reading and comprehension of Chinese texts in Chinese and oral presentation. Attention will also be given to enhancement of the students' cultural awareness.
Prerequisites: ML CH206 or language placement exam
Session Cycle: Fall
Yearly Cycle: Annual.

ML CH306. Conversation and Listening Comprehension. 3 Credit Hours.
This course is designed for students who have completed ML CH206 or who demonstrate an equivalent level of proficiency. The focus of this course will be the development of oral proficiency and listening skills for a variety of culturally appropriate topics in both formal and informal contexts. Working with edited and authentic audio and video materials in Chinese, students are introduced to culturally and socially important differences between informal (baihua) and formal (shumianyu) registers in spoken Chinese. In-class activities include group discussion, interviewing, formal debate and oral presentation.
Prerequisites: ML CH206 or language placement exam
Session Cycle: Spring
Yearly Cycle: Annual.

ML CH391. Chinese Internship. 3 Credit Hours.
Students in this course engage in individually supervised employment requiring applications of language skills. Job functions include tutoring, translation, interpretation, or any Chinese-related assignments. Students must work at least ten hours per week on the job, meet periodically with a supervising faculty member, and prepare a substantive report on the work experience involved.
Prerequisites: ML CH206 and junior standing.

ML CH397. Directed Study in Chinese. 3 Credit Hours.
This course provides an opportunity for advanced Chinese students to do independent, in depth study or research in Chinese. The student works under the direction of a member of the Chinese program. It requires the student to develop a substantial paper.
Prerequisites: ML CH305 and ML CH306 or permission of the instructor.

ML CH401. Chinese Reading and Writing II. 3 Credit Hours.
This is Part Two of the reading and writing course in Chinese, with an emphasis on further improving students' Chinese reading comprehension and writing abilities up to the advanced level. Students will develop Chinese reading strategies, build knowledge and appreciation of Chinese language and culture, understand Chinese social and historical contexts, and cultivate analytical thinking of Chinese literary texts.
Prerequisites: ML CH305 or equivalent or language placement exam and instructor permission
Session Cycle: Fall
Yearly Cycle: Annual.

ML CH404. Chinese for Business. 3 Credit Hours.
Chinese for Business I is intended for students who want to use Chinese in an international business and professional environment. It aims to develop students' Chinese proficiency in the context of international commerce that requires not only adequate language skills but also adequate awareness of socio-cultural and business customs.
Prerequisites: ML CH305 or equivalent or language placement exam and instructor permission
Session Cycle: Spring
Yearly Cycle: Annual.

ML CH405. Chinese for Business II. 3 Credit Hours.
This course is a continuation of Chinese for Business I . It aims to expand students' Chinese proficiency in the context of international commerce that requires not only adequate language skills but also adequate awareness of socio-cultural and business customs. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: ML CH305 or equivalent or language placement exam
Session Cycle: Fall
Yearly Cycle: Annual.

ML CH406. Chinese for Media. 3 Credit Hours.
This is an advanced course parallel to CH404, Chinese for Business. Its goal is to further develop students' listening, speaking, reading, and writing skills through the use of authentic materials from newspapers, Internet reports, and television programs. Students will improve their understanding of the format and style of journalistic Chinese; have a fair command of the vocabulary, expressions, and structures commonly used in Chinese newspapers and news broadcasts and be able to use them appropriately in both oral and written communications.
Prerequisites: ML CH305 or equivalent or language placement exam
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ML CH407. Introduction to Chinese Linguistics. 3 Credit Hours.
This is an introductory course in Chinese linguistics. It is designed for students to grasp some basic knowledge of Chinese linguistic structure, which includes the historical background of the language, phonetic, morphology, writing system, and syntax. It aims to prepare the students for a profession (i.e. Chinese teaching or translation) or more advanced studies in Chinese language, linguistics, or relevant fields from theoretical as well as pedagogical perspectives. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: ML CH305 or equivalent or language placement exam
Session Cycle: Fall
Yearly Cycle: Annual.

ML CH451. Advanced Chinese Through Contemporary Chinese Cinema. 3 Credit Hours.
This is an advanced Chinese language course. It is designed to improve students' Chinese language proficiency and develop an understanding of contemporary Chinese cinema. During the course of study, students will watch, discuss, and critique the selected films, read authentic Chinese materials, and create their own skits. The course will prepare them to pursue a China-related profession or live and work in China.
Prerequisites: ML CH305 or equivalent or language placement exam and instructor permission
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ML CH461. Advanced Reading on Chinese Literature and Culture. 3 Credit Hours.
This course is designed to improve students' Chinese language proficiency and develop the appreciation of Chinese literature and culture through intensive reading of representative works of Chinese classical and modern literature. By reading these works and examining the minds of major Chinese writers, students are expected to savor the ingenuity of Chinese literature, to conjure up pictures of Chinese culture, society and history, and to understand the Chinese conception of the evolving relationship between literature and culture.
Prerequisites: ML CH305 or ML CH306
Session Cycle: Spring
Yearly Cycle: Annual.

ML CH471. Modern Chinese Literature and Culture. 3 Credit Hours.
This course is designed to give advanced Chinese language Chinese language students the opportunity to explore the modern Chinese literature and culture through intensive reading of representative works of Chinese modern literature. By reading these works and examining the minds of major Chinese writers, students are expected to savor the ingenuity of Chinese literature, to conjure up pictures of Chinese culture, society and history, and to understand the Chinese conception of the evolving relationship between literature and culture.
Prerequisites: ML CH305 or equivalent or language placement exam
Session Cycle: Spring
Yearly Cycle: Annual.

ML CH497. Directed Study in Chinese. 3 Credit Hours.
This course provides an opportunity for advanced Chinese students to do independent, in depth study or research in Chinese. The student works under the direction of a member of the Chinese program. It requires the student to develop a substantial paper.
Prerequisites: ML CH305 and ML CH306 or permission of instructor.

ML CL105. Introduction to Chinese Language and Culture I Lab. 0 Credit Hours.

ML CL106. Introduction to Chinese Language and Culture II Lab. 0 Credit Hours.

ML CL205. Intermediate Chinese I Lab. 0 Credit Hours.

ML CL206. Intermediate Chinese II Lab. 0 Credit Hours.

ML FL105. Introduction to French Language and Culture I Lab. 0 Credit Hours.

ML FL106. Introduction to French Language and Culture II Lab. 0 Credit Hours.

ML FL205. Intermediate French I Lab. 0 Credit Hours.

ML FL206. Intermediate French II Lab. 0 Credit Hours.

ML FR105. Introduction to French Language and Culture I. 4 Credit Hours.
This course is designed for students who have little or no background in French language. By the end of the term, students will have gained a basic understanding of French, which will allow them to ask and answer questions on a variety of simple topics. Students will also gain knowledge of French culture and society. This course includes a laboratory component.
Prerequisites: Language Placement Exam
Session Cycle: Fall
Yearly Cycle: Annual.

ML FR106. Introduction to French Language and Culture II. 4 Credit Hours.
This course is a continuation of ML FR105. It is open to students who have successfully completed ML FR105 or who have scored the appropriate number of points on the French placement exam. The primary focus of the course is to develop elementary skills and cultural awareness. This course includes a laboratory component.
Prerequisites: ML FR105 or language placement exam
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ML FR205. Intermediate French I. 4 Credit Hours.
The focus of this course is the mastery of grammatical structures and development of communicative skills beyond the elementary level through in-class exercises and outside assignments and reading and analysis of short texts. This course includes a laboratory component.
Prerequisites: ML FR106 or language placement exam
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ML FR206. Intermediate French II. 4 Credit Hours.
This course is a continuation of ML - FR205. The focus of this course is to complete the study of grammatical structures and continue to work on the communicative and writing skills through structured in-class exercises and discussions, as well as through a broad range of outside assignments. This course includes a laboratory component.
Prerequisites: ML FR205 or language placement exam
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ML FR305. Reading and Writing. 3 Credit Hours.
This course, taught in French, is designed to improve the student's written French. It reinforces the language skills presented in earlier level courses through analysis of different styles of reading materials, including poems, literature excerpts, newspapers, magazines and films. The emphasis is on texts and contexts of culture, whether in France or other Francophone areas.
Prerequisites: ML FR206 or language placement exam
Session Cycle: Spring
Yearly Cycle: Annual.

ML FR307. Conversation and Composition. 3 Credit Hours.
Having already acquired the basics of French grammar and an intermediate competency in writing, students will deepen and solidify their knowledge of both written and oral skills. In-class activities will include role-plays, debates, interviews, exposes, discussions and weekly writing workshops.
Prerequisites: ML FR206 or language placement exam
Session Cycle: Fall
Yearly Cycle: Alternate Years.

ML FR308. Survey of French Literature. 3 Credit Hours.
This course is an introduction to French literature and cultural studies. Cultural analysis will include discussion of French literature, history, art, politics, geography, immigration and gender issues. The media (newspapers, magazines, TV programs, films and popular music) will be an important part in the study of contemporary France, but students will also read excerpts of writers who represent the changing French identity in the European and Global perspective. Students will have the opportunity to improve their command of the language through discussion and exposes.
Prerequisites: ML FR305 or placement exam
Session Cycle: Fall
Yearly Cycle: Alternate Years.

ML FR391. French Internship. 3 Credit Hours.
Students in this course engage in individually supervised employment requiring applications of language skills. Job functions include tutoring, translation, interpretation, or any French-related assignments. Students must work at least ten hours per week on the job, meet periodically with a supervising faculty member, and prepare a substantive report on the work experience involved.
Prerequisites: ML FR206 and junior standing.

ML FR397. Directed Study in French. 3 Credit Hours.
This course provides an opportunity for advanced French students to do independent, in depth study or research in French. The student works under the direction of a member of the French program. The main requirement of the course is the development of a substantial paper or project.
Prerequisites: ML FR305 or the permission of the instructor.

ML FR403. Francophone Cultures. 3 Credit Hours.
In this course, students will explore questions of memory, migration, exile, gender and sexual identities in Francophone literature. The texts will be drawn from the early twentieth century to contemporary postcolonial authors. Students will read texts by authors from places such as Algeria, Morocco, Djibouti (East Africa), Madagascar, Haiti, Guadeloupe and Quebec.
Prerequisites: ML FR206 or language placement exam
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ML FR404. French for Business. 3 Credit Hours.
French for Business is intended for students who will want to use French in an international business and professional environment. It aims to develop students' French proficiency in the context of international commerce that requires not only adequate language skills but also adequate awareness of socio-cultural and business customs.
Prerequisites: ML FR206 or language placement exam
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ML FR407. French Theatre and Culture. 3 Credit Hours.
French Theater has long been one of the most dynamic expressions of French culture, following (or creating) artistic and political trends that reverberate throughout society on all levels. Students will gain an understanding of 20th century theater movements which reflect the language, politics, and literary movements of their respective eras. Course to be taught in French.
Prerequisites: ML FR305 or equivalent
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ML FR408. French Literature and Cinematic Adaptation. 3 Credit Hours.
This course taught in French, focuses on representative works of French literature, as well as their cinematic adaptations. We will examine how these works portray the values, meanings, and literary and cinematic movements of their respective eras, authors, and directors.
Prerequisites: ML FR305 or equivalent
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ML FR497. Directed Study in French. 3 Credit Hours.
This course provides an opportunity for advanced French students to do independent, in depth study or research in French. The student works under the direction of a member of the French program. The main requirement of the course is the development of a substantial paper or project.
Prerequisites: ML FR305 or permission of instructor.

ML IL105. Introduction to Italian Language and Culture I Lab. 0 Credit Hours.

ML IL106. Introduction to Italian Language and Culture II Lab. 0 Credit Hours.

ML IL205. Intermediate Italian I Lab. 0 Credit Hours.

ML IL206. Intermediate Italian II Lab. 0 Credit Hours.

ML IT105. Introduction to Italian Language and Culture I. 4 Credit Hours.
The purpose of this course is to introduce students to Italian language and culture. This course is designed for students who have little or no background in Italian. The course will be taught with a communicative approach: hence, class time will focus on utilizing the materials being studied in a conversational and contextualized atmosphere in Italian. This course includes a laboratory component.
Prerequisites: Language Placement Exam
Session Cycle: Fall
Yearly Cycle: Annual.

ML IT106. Introduction to Italian Language and Culture II. 4 Credit Hours.
This course is designed for students who have successfully completed ML IT105 or placed into ML IT106. The primary focus of the course is to develop further elementary-level communication skills and cultural awareness. The course includes a laboratory component.
Prerequisites: ML IT105 or language placement exam
Session Cycle: Spring
Yearly Cycle: Annual.

ML IT205. Intermediate Italian I. 4 Credit Hours.
This course is designed for students who have successfully completed ML IT106 or were placed in the ML IT205 course by examination. The primary focus of the course is the mastery of grammatical structures and development of communication skills beyond the elementary level through in-class exercises and outside assignments of reading and analysis of short texts. This course includes a laboratory component.
Prerequisites: ML IT106 or language placement exam
Session Cycle: Fall
Yearly Cycle: Annual.

ML IT206. Intermediate Italian II. 4 Credit Hours.
This course is a continuation of ML IT205. Students will continue to improve their comprehension of Italian through readings and conversation, and by expressing themselves in writing. They will complete the study of grammatical structures, and will continue to develop a greater awareness of Italian culture and society. There is a lab component.
Prerequisites: ML IT205 or language placement exam
Session Cycle: Spring
Yearly Cycle: Annual.

ML IT305. Reading and Writing. 3 Credit Hours.
This course is designed to reinforce the language skills presented in earlier level courses. Extensive reading and numerous writing assignments will improve student's level of proficiency. The emphasis is on texts and contexts of modern Italian culture (poems, literature excerpts, newspapers, magazine articles and films).
Prerequisites: ML IT206 or language placement exam
Session Cycle: Fall
Yearly Cycle: Annual.

ML IT307. Conversation and Composition. 3 Credit Hours.
Engaging reading and writing assignments will assist students in gaining fluency and accuracy, advance their communicative competence in Italian, and increase their cultural awareness. Class time will be spent discussing the readings and contextual ideas in Italian.
Prerequisites: ML IT206 or language placement exam
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ML IT308. Italian Literature. 3 Credit Hours.
The course provides students with a deeper look into Italian authors, their works as well as their time periods. All material will derive from the author's works studied, as well as additional class handouts. In-class activities will include role-plays, debates, discussions and weekly writing workshops. These challenging reading and writing assignments will assist students in gaining fluency in grammar and advance competency in Italian, as well as increase their cultural awareness. This course is taught with a communicative approach; therefore, class time will be spent discussing the readings and contextual ideas in Italian.
Prerequisites: ML IT206 or language placement exam
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ML IT391. Italian Internship. 3 Credit Hours.
Students in this course engage in individually supervised employment requiring applications of language skills. Job functions include tutoring, translation, interpretation, or any Italian-related assignments. Students must work at least ten hours per week on the job, meet periodically with a supervising faculty member, and prepare a substantive report on the work experience involved.
Prerequisites: ML IT206 and junior standing.

ML IT397. Directed Study in Italian. 3 Credit Hours.
This course is designed for advanced students to complete an independent, in depth study or research in Italian. The student is under the direction of an Italian faculty member in the Italian program. A substantial paper or project is the main requirement for this course.
Prerequisites: ML IT305 or higher or the permission of the instructor.

ML IT403. Italian Language and Culture. 3 Credit Hours.
This course is designed for students who have completed ML IT305. The primary focus of the course is to study a variety of cultural products including television, film and periodicals.
Prerequisites: ML IT305 or language placement exam
Session Cycle: Fall
Yearly Cycle: Alternate Years.

ML IT404. Italian for Business. 3 Credit Hours.
Italian for Business is intended for students who will want to use Italian in an international business and professional environment. It aims to develop students' Italian proficiency in the context of international commerce that requires not only adequate language skills but also adequate awareness of socio-cultural and business customs.
Prerequisites: ML IT206 or language placement exam
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ML IT497. Directed Study in Italian. 3 Credit Hours.
This course is designed for advanced students to complete an independent, in depth study or research in Italian. The student is under the direction of an Italian faculty member in the Italian program. A substantial paper or project is the main requirement for this course.
Prerequisites: ML IT305 or higher or the permission of the instructor.

ML SL105. Introduction to Spanish and Hispanic Language and Culture I Lab. 0 Credit Hours.

ML SL106. Introduction to Spanish and Hispanic Culture II Lab. 0 Credit Hours.

ML SL203. Survival Spanish for Business I Lab. 0 Credit Hours.

ML SL204. Suvival Spanish for Business II Lab. 0 Credit Hours.

ML SL205. Intermediate Spanish I Lab. 0 Credit Hours.

ML SL206. Intermediate Spanish II Lab. 0 Credit Hours.

ML SP105. Introduction to Spanish and Hispanic Language and Culture I. 4 Credit Hours.
This course is designed for students who have less than two years of high school Spanish or who were placed into SP105. The course concentrates on developing communicative and intercultural competence in Spanish. Cultural topics include daily life and cuisine in the Spanish-speaking world, Spanish as a world language, and mestizo heritage. This course includes a laboratory component.
Prerequisites: Language Placement Exam
Session Cycle: Fall
Yearly Cycle: Annual.

ML SP106. Introduction to Spanish and Hispanic Language and Culture II. 4 Credit Hours.
This course is designed for students who have successfully completed ML SP105 or placed into ML- SP106. The primary focus of the course is to develop further elementary-level communication skills and cultural awareness. The course includes a laboratory component.
Prerequisites: ML SP105 or language placement exam
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ML SP203. Survival Spanish for Business I. 4 Credit Hours.
This course is intended for International Business students who have taken ML SP106. The course emphasizes language proficiency as well as business knowledge and business culture. It is designed as an alternative to ML SP205 to prepare students with low intermediate proficiency in Spanish for internships abroad.
Prerequisites: ML SP106
Session Cycle: Fall
Yearly Cycle: Annual.

ML SP204. Survival Spanish for Business II. 4 Credit Hours.
This course is intended for International Business students who have taken ML SP203. The course emphasizes language proficiency as well as business knowledge and business culture. It is designed to prepare students with intermediate proficiency in Spanish for internships abroad.
Prerequisites: ML SP203
Session Cycle: Spring
Yearly Cycle: Annual.

ML SP205. Intermediate Spanish I. 4 Credit Hours.
This course is designed for students who have successfully completed ML SP106 or were placed in the ML SP205 course by examination. The primary focus of the course is to develop intermediate-level communication skills and cultural awareness. This course includes a laboratory component.
Prerequisites: ML SP106 or language placement exam
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ML SP206. Intermediate Spanish II. 4 Credit Hours.
This course is a continuation of ML SP205. It is designed for students who have successfully completed Introduction to Spanish I and II and Intermediate Spanish I, or were placed into ML SP206 by examination. The primary focus of this course is to develop further intermediate-level skills and cultural awareness. This course includes a laboratory component.
Prerequisites: ML SP205 or language placement exam
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ML SP304. Essential Spanish for Business. 3 Credit Hours.
This course is intended for International Business students who have taken SP206 as sophomores. The course emphasizes language proficiency as well as general business knowledge and business culture. It is designed to prepare students with high intermediate proficiency in Spanish for business internships abroad.
Prerequisites: ML SP206
Session Cycle: Spring
Yearly Cycle: Annual.

ML SP305. Reading and Writing. 3 Credit Hours.
This course is designed for students who have completed ML SP206 or ML SP204 or were placed into ML SP305. The primary focus of the course is to develop reading and writing skills beyond the intermediate level while expanding students' cultural awareness. This course is a requirement for the minor.
Prerequisites: ML SP206 or ML SP204 or language placement exam
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ML SP306. Spanish for Heritage Speakers. 3 Credit Hours.
This course is designed to address the specific linguistic needs of students who have had extensive exposure to Spanish at home and/or in their US-Latino community. It focuses on development of grammatical and writing skills through the examination of topics of interest to the Latino communities.
Prerequisites: Language Placement Exam
Session Cycle: Fall
Yearly Cycle: Annual.

ML SP307. Conversation and Composition. 3 Credit Hours.
This course is designed for students who have completed ML SP304, ML SP305 or ML SP306. the primary focus of the course is to develop conversation and writing skills at the advanced-level while expanding students' cultural awareness.
Prerequisites: ML SP304, ML SP305 or ML SP306 or language placement
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

ML SP308. Survey of Literature in Spanish. 3 Credit Hours.
The primary focus of the course is to introduce a variety of literary works written in Spanish, and study these within their social, political and historical contexts.
Prerequisites: ML SP304, ML SP305 or ML SP306 or language placement exam
Session Cycle: Fall
Yearly Cycle: Alternate Years.

ML SP309. Spanish and Latin American Film. 3 Credit Hours.
Film is not merely a form of entertainment, rather it reflects, and influences the values of the societies and cultures which it portrays. Students will study social and historical topics through the lens of cinema from Spain, Argentina, Mexico and other Spanish-speaking countries.
Prerequisites: ML SP304, ML SP305 or ML SP306 or language placement exam
Session Cycle: Fall
Yearly Cycle: Alternate Years.

ML SP310. Spanish Speaking Cultures. 3 Credit Hours.
ML SP310 is a multi-media course designed to provide you with the background you will need to understand the cultures of Spain, Spanish America, and those of the growing Latino population of the United States.
Prerequisites: ML SP304, ML SP305 or ML SP306 or language placement exam
Session Cycle: Fall
Yearly Cycle: Alternate Years.

ML SP391. Spanish Internship. 3 Credit Hours.
Students in this course engage in individually supervised employment requiring applications of language skills. Job functions include tutoring, translation, interpretation, or any Spanish-related assignments. Students must work at least ten hours per week on the job, meet periodically with a supervising faculty member, and prepare a substantive report on the work experience involved.
Prerequisites: ML SP206 and junior standing.

ML SP397. Directed Study in Spanish. 3 Credit Hours.
The course provides an opportunity for advanced Spanish students to do independent, in depth study or research in Spanish. The student works under the direction of a member of the Spanish program. The main requirement of the course is the development of a substantial paper or project.
Prerequisites: ML SP305 or ML SP306 or permission of instructor.

ML SP403. Cultures of Spanish Speaking Societies. 3 Credit Hours.
This course is designed for students who have completed ML SP304, ML SP305 or ML SP306. The primary focus of the course is to study a variety of cultural products including film, painting, textile, religion, literature, music and ceramics and their social, political and historical contexts. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: ML SP304, ML SP305 or ML SP306 or permission of instructor
Session Cycle: Spring
Yearly Cycle: Annual.

ML SP404. Spanish for Business. 3 Credit Hours.
This course is designed for students who have completed ML SP304, ML SP305 or ML SP306. The primary focus of the course is to introduce students to the specific vocabulary in Business, increase students' awareness - particularly in a business environment and provide practical information designed for business professionals to conduct business in Spanish speaking societies.
Prerequisites: ML SP304, ML SP305 or ML SP306 or language placement exam
Session Cycle: Spring
Yearly Cycle: Annual.

ML SP405. Advanced Spanish Grammar. 3 Credit Hours.
The purpose of this course is to describe the intuitive knowledge that a native speaker of Spanish possesses, allowing advanced level students to gain greater insight into the intricacies of Spanish grammar and improved accuracy in their use of Spanish. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: ML SP304, ML SP305 or ML SP306 or language placement exam
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ML SP406. Spanish Phonetics and Phonology. 3 Credit Hours.
This course is a theoretical and practical approach to the phonetics and phonology of Spanish. Students will engage in comprehension and sound discrimination practice and transcription exercises, with attention to correct pronunciation and conceptual analysis. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: ML SP304, ML SP305 or ML SP306 or language placement exam
Session Cycle: Spring
Yearly Cycle: Alternate Years.

ML SP407. Contemporary Female Writers and Filmmakers of the Spanish-Speaking World. 3 Credit Hours.
This course will explore contemporary social issues in the Spanish-speaking world through the lens of literature and film. Each unit will explore a different topic such as immigration, minority groups, race, religion, social status, ecology and gender identity, and will include literary selections and films by prominent women writers and filmmakers of the Spanish-speaking world.
Prerequisites: ML SP304, ML SP305 or ML SP306 or permission of the instructor
Session Cycle: Fall
Yearly Cycle: Annual.

ML SP497. Directed Study in Spanish. 3 Credit Hours.
This course provides an opportunity for advanced Spanish students to do independent, in depth study or research in Spanish. The student works under the direction of a member of the Spanish program. The main requirement of the course is the development of a substantial paper or project.
Prerequisites: ML SP304, ML SP305 or ML SP306 or permission of the instructor.

Political Science (POLS)

Courses

POLS 241. Introduction to Global Politics. 3 Credit Hours.
This course is an introduction to the field of global politics, also known as international relations. It focuses on a variety of interconnected topics, including the development of the nation-state system and political interactions among countries over issues of war and peace, human rights, and economic and environmental policies. We also explore the evolution and work of international institutions such as the United Nations and the World Bank, and non-governmental international organizations such as environmental and human rights groups. This course is cross-listed with GLOB 241.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

POLS 256. Government and Society in America. 3 Credit Hours.
This is an introductory course about the role of U.S. government in American society. After tracing the development of the U.S. Constitution, the course surveys a range of topics including Congress, the presidency, the Supreme Court, federalism, political parties and elections, interest groups, civil liberties, and civil rights. Contemporary domestic policy debates are also covered.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

POLS 290. Honors Politics of the Global System. 3 Credit Hours.
This honors course explores the current global political system.It examines major historical developments that shaped the actors and power distribution of the current system. Next, it explores competing international relations theories that attempt to explain the main motivations and realities guiding the behavior of actors in the system. Then, it focuses on contemporary issues with global implications. Subsequently, it examines recent and future challenges faced by particular key actors in the system as they attempt to shape the global system of the future. It concludes by returning to the system level to consider the prospects for global cultural clashes or peace through globalization. Students receiving credit for POLS 241/GLOB 241, Introduction to Global Politics, cannot receive credit for this class. This course is cross-listed with GLOB 290.
Prerequisites: Honors Program
Session Cycle: Fall
Yearly Cycle: Alternate Years.

POLS 291. Honors Contemporary American Politics. 3 Credit Hours.
This honors course covers the ideas and historical factors that shaped the formation and evolution of the U.S. political system. It examines the main governmental and non-governmental players in the contemporary policy-making system and how they interact to create policy decisions. It explores some key ongoing policy debates. Additionally, it goes beyond book knowledge to examine contemporary, practical politics throughout the semester. Students receiving credit for POLS 256, Government and Society in America, cannot receive credit for this class.
Prerequisites: Honors program or permission of the honors coordinator
Session Cycle: Fall
Yearly Cycle: Alternate Years.

POLS 351. United States Foreign Policy. 3 Credit Hours.
Students in this course survey the instruments, implementation and issues of U.S. foreign policy. Students will learn about America's rise to power and its current role in the world with a focus both on how foreign policy is made and Post WWII U.S. involvements overseas.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Fall
Yearly Cycle: Annual.

POLS 352. The Politics of Government and Business in America. 3 Credit Hours.
What is the nature of the relationships that exist between government and business, politics and economy, power and money in the United States? And why do these relationships matter? In this course, we will use these questions as a starting-point from which to undertake a critical examination of these relationships as they exist today and to consider where they might be heading in the future, and to generate conclusions about their potential implications - political, economic, and social.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Fall
Yearly Cycle: Alternate Years.

POLS 353. Political Parties and Elections. 3 Credit Hours.
This course covers the history of party politics, party organization, nominations and elections, voting, and the role of pressure groups, public opinion, and the media in the national electoral process. The course is offered in the fall semester of even numbered years when congressional and/or presidential elections take place.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Fall
Yearly Cycle: Alternate Years.

POLS 361. Comparative Politics. 3 Credit Hours.
This course examines the key concepts, issues, and trends in comparative politics. Comparative politics focuses on the study of political organization and behavior using the method of comparison across time and between country cases. The course covers topics such as various types of political systems, political participation, economic development, and nationalist movements/identities. Types of countries covered include: established democracies, authoritarian regimes, communist, and developing countries.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

POLS 363. Latin American Politics. 3 Credit Hours.
Students explore the social and political foundations of Latin American societies, and their contemporary political institutions and practices. This course focuses on the varying roles played by political culture, the main political actors, foreign intervention, and developmental issues in Latin American politics.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Spring
Yearly Cycle: Varies.

POLS 364. European Politics. 3 Credit Hours.
This course examines the political, economic, and social systems of countries in Europe. It also analyses the process of integration that has created the European Union. Some of the themes examined include varying political systems, political participation, social movements, political parties, and government social policies, as well as issues raised by sharing power between individual countries and the EU. Countries examined will include some from Western, Central and Eastern Europe.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Varies
Yearly Cycle: Alternate Years.

POLS 365. The Middle East in War and Peace. 3 Credit Hours.
After tracing the rise of Arabism and Islam, this course examines how the modern Middle East was shaped by the influence of European colonialism. It then examines recent regional conflicts and their resolution, including: the Arab/Israeli wars, the Palestinian uprising, the Iran-Iraq war, and the Gulf war.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Varies
Yearly Cycle: Alternate Years.

POLS 366. Politics of Asia. 3 Credit Hours.
This course uses comparative methodology to analyze the government and domestic politics of India, China, and Japan. Students will be introduced to the political institutions and processes of the three countries, and explore the impact of history, cultural dynamics specific to Asia and South Asia, government structures and economic change on political processes. State-society relations are examined within the context of democratization, development, and citizen movements. Issues regarding cultural and scholarly lenses will be addressed through critical examination of relevant materials and theories discussed in class.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290, or POLS 291
Session Cycle: Fall
Yearly Cycle: Alternate Years.

POLS 367. Global Environmental Sustainability and Policy. 3 Credit Hours.
This course examines the intersection of global environmental sustainability issues, political policy, and the world economic issues. It focuses on different trajectories of environmental and ecological politics and thought, and on foundations for policy, with particular focus on climate change. The central premise is that deciding how to respond to climate change is a highly political process involving conflicts over competing values and interests, the growth of international institutions, and the link between climate change and the global economy.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Fall
Yearly Cycle: Alternate Years.

POLS 391. Political Science Internship. 3 Credit Hours.
Students engage in individually supervised work-study arrangements and learn to apply political science theory and principles in their work environment. Students must work at least ten hours per week on the job, meet periodically with supervising a faculty member, research literature related to the field of the internship, and prepare a substantive report on their internship experience and the studies involved.
Prerequisites: POLS 256 or POLS 291 or GLOB 241/POLS 241 or GLOB 290/POLS 290 and junior standing or approval of a supervising faculty member and the department chair.

POLS 456. The Presidency in Modern American Politics. 3 Credit Hours.
The image of the presidency today as the centerpiece of the American political system is very different than the one originally outlined in the U.S. Constitution. What has brought about this change? How has this transformation impacted the separation of powers and the respective roles of Congress and the Supreme Court? What does the popular image of the president as "chief decider" signify for a democratic system of government? These questions and more guide this course's exploration of the presidency in modern American politics. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Spring
Yearly Cycle: Alternate Years.

POLS 462. International Relations. 3 Credit Hours.
In this course students analyze the nature of the modern nation/state system, and the resultant struggle for power, including power politics, balance of power, and war and peace. This course covers the bases and limitations of national power as well as international law, international organization and diplomacy. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Spring
Yearly Cycle: Alternate Years.

POLS 463. Ethics in International Affairs. 3 Credit Hours.
"All's fair in love and war" used to effectively summarize global politics, but in recent years, moral considerations have become major, but still controversial, components of many policy discussions. This course will examine issues such as the ethical constraints on the use of force, human rights norms, issues created by global inequality and by development programs, and ethical implications of the global economy and multinational corporations. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Spring
Yearly Cycle: Alternate Years.

POLS 464. Political Ideologies - Old and New. 3 Credit Hours.
This course examines first the conflicting political philosophies of liberalism, conservatism, and Marxism which shaped the development of Western democracies and the former Communist countries, and then considers modern ideological debates over third world nationalism, environmentalism, and feminism.
Prerequisites: GLOB/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Spring
Yearly Cycle: Alternate Years.

POLS 471. Russian and East European Politics. 3 Credit Hours.
This course offers an integrated look at East European and Russian politics primarily for juniors and seniors. We look at Bulgaria, the Czech Republic and Slovakia, and the former "East Germany" (ex-GDR), Hungary and Poland. We also consider the Balkans including ex-Yugoslav successor states. Finally, we examine Russian domestic and foreign policy concentrating on the post-Soviet period.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Spring
Yearly Cycle: Varies.

POLS 481. Politics of Developing Countries. 3 Credit Hours.
This course examines the political, economic, and social structures of the broad array of countries in Asia, Africa, Latin America and the Middle East that make up the developing world. The major challenges faced by these countries and strategies adopted to address them will be identified and analyzed. A historical overview of the evolution of the developing world will explore the impact of colonialism and issues of post-colonialism. Issues of gender, race, ethnicity, sustainable development and the environment will also be explored.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Fall
Yearly Cycle: Alternate Years.

POLS 483. Politics of International Economic Relations. 3 Credit Hours.
This course focuses on the role of individual country governments, official international economic organizations, and globally-oriented non-governmental organizations (NGO's) in the international economic system. It examines conflict and cooperation among nations, as well as interactions between countries and international institutions such as the International Monetary Fund, the World Bank, and the World Trade Organization, as they engage in the management of trade, investment flows, exchange rates, debt, and the global environment. It also considers politics within individual countries as they affect that country's international economic policies, looking at governmental relations with business, labor associations and other non-governmental organizations as these impact on trade policies, exchange rates, and the regulation of multinational corporations' overseas operations.
Prerequisites: GLOB 241/POLS 241 or POLS 256 or GLOB 290/POLS 290 or POLS 291
Session Cycle: Fall
Yearly Cycle: Alternate Years.

POLS 490. Seminar in Politics and Law. 3 Credit Hours.
This seminar is designed as an interdisciplinary capstone course for students in the Politics and Law major. It will include an in-depth examination of a selected theme in politics and law. Each student will work intensively with the instructor to complete a major research project on a topic of their choice, which will be presented to the entire seminar. This course is cross-listed with LGLS 490.
Prerequisites: Politics and Law major and senior standing
Session Cycle: Fall
Yearly Cycle: Annual.

POLS 497. Directed Study in Politics. 3 Credit Hours.
This course is an opportunity for students to do independent, in-depth study or research for academic credit. The student works on an individual basis under the direction of a member of the political science faculty. The main requirement of the course is the development of a substantial paper or project.
Prerequisites: varies by topic.

Psychology (PSY)

Courses

PSY 260. Introduction to Psychology. 3 Credit Hours.
This course will address the major principles, theories and research methods used to understand mental processing and behavior. An extensive survey of topics on human behavior across a variety of contexts will be made.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

PSY 263. Honors: Core Concepts in Psychology. 3 Credit Hours.
This course will address the major principles, theories and research methods used to understand mental processing and behavior. An extensive survey of topics on human behavior across a variety of contexts will be made. Students will have the opportunity to contribute directly to the teaching of the course material. Students receiving credit for PSY 260, Introduction to Psychology, may not receive credit for this class.
Prerequisites: Honors Program
Session Cycle: Fall
Yearly Cycle: Annual.

PSY 353. Psychology of Personality. 3 Credit Hours.
This course will examine the major historical and contemporary approaches to understanding personality and its development. Cross-cultural and gender influences on personality will be incorporated. Students will be expected to apply their understanding of personality theory to themselves, case studies and/or historical figures.
Prerequisites: PSY 260 or PSY 263
Session Cycle: Varies
Yearly Cycle: Annual.

PSY 355. Abnormal Psychology. 3 Credit Hours.
A study of abnormal behavior, this course emphasizes contemporary approaches to understanding the causes and to treating abnormal behavior as well as understanding the specific disorders.
Prerequisites: PSY 260 or PSY 263
Session Cycle: Varies
Yearly Cycle: Annual.

PSY 360. Child and Adolescent Development. 3 Credit Hours.
Human development is examined from the prenatal period through adolescence. Current research methods and relevant theories will be used to address the multiplicity of factors contributing to children's development.
Prerequisites: PSY 260 or PSY 263
Session Cycle: Varies
Yearly Cycle: Annual.

PSY 361. Adult Development and Aging. 3 Credit Hours.
The nature of psychological and physical change as well as stability throughout adulthood will be examined. A special emphasis is placed on understanding the experiences of aging individuals in the context of an aging society.
Prerequisites: PSY 260 or PSY 263
Session Cycle: Varies
Yearly Cycle: Annual.

PSY 365. Environment and Behavior. 3 Credit Hours.
This course uses an interdisciplinary perspective to investigate the role of the environment on behavior. Attributes of environmental settings which are associated with human performance and functioning will be analyzed.
Prerequisites: PSY 260 or PSY 263
Session Cycle: Varies
Yearly Cycle: Annual.

PSY 371. Introduction to Applied Psychology. 3 Credit Hours.
In this overview course, the practical applications of psychological research to issues and problems facing the world will be addressed. Students will learn and be actively engaged in how psychological findings can be used in a large variety of contexts. These contexts include biomedical, educational, end user behavior, industrial/organizational, sports, legal system, physical surroundings, product design, aviation, animal training, paranormal phenomenon, elderly, and similar human factor environments.
Prerequisites: PSY 260 or PSY 263
Session Cycle: Spring
Yearly Cycle: Annual.

PSY 372. Positive Psychology. 3 Credit Hours.
This course focuses on the current findings from positive psychology including (1) antecedents of subjective well being happiness) from birth through death (2) optimal human functioning and human excellence across the life span, (3) development of positive individual traits including virtue, interpersonal strength, self-determination, wisdom, altruism, optimism, and integrity, and (4) the study of collective or societal wellbeing.
Prerequisites: PSY 260 or PSY 263
Session Cycle: Varies
Yearly Cycle: Annual.

PSY 373. Cognitive Psychology. 3 Credit Hours.
This course is an overview of the primary areas within cognitive psychology. Topics include cognitive neuroscience, perception, attention, memory, language, mental imagery, categorization, decision-making and problem solving. Current, as well as classic theoretical perspectives and experiments, will be emphasized throughout the course.
Prerequisites: PSY 260 or PSY 263
Session Cycle: Fall
Yearly Cycle: Annual.

PSY 374. Physiological Psychology. 3 Credit Hours.
This course is an overview of the primary areas within Physiological Psychology. Topics include historical and methodological perspectives, neuronal anatomy and physiology, the structure and function of the nervous system ,sensory processing, motivation and emotion, physiological substrates of learning and memory, psycho-physiological bases of health and illness. Internet-based exercises will be assigned to enhance exposure to various topics beyond the text. Current as well as classic theoretical perspectives will be emphasized throughout the course.
Prerequisites: PSY 260 or PSY 263
Session Cycle: Varies
Yearly Cycle: Annual.

PSY 375. Health Psychology. 3 Credit Hours.
This course is an overview of the primary areas within Health Psychology. These include an overview of the history of health psychology, methodological issues in health psychology research, the biopsychosocial model of health and illness, basic systems of the body, stress, illness, and coping, lifestyle enhancement and illness prevention, health promotion, dealing with chronic illness, proper utilization of the health care system, pain, life threatening health problems, and future issues for health psychology.
Prerequisites: PSY 260 or PSY 263
Session Cycle: Varies
Yearly Cycle: Alternate Years.

PSY 376. Research Methods in Psychology. 3 Credit Hours.
This course is an introduction to experimental methods in psychology. The goals of this course are for you to learn how research is planned, carried out, communicated, and critiqued. This course will focus on developing general psychological research skills, including knowledge of experimental design, statistics, report writing, and ethical standards of research. In addition this course will emphasize critical evaluation of scientific evidence. Mastery of the material covered should enable you to evaluate the adequacy of research findings reported by others, design research studies of their own, collect and analyze data, and write APA style research reports.
Prerequisites: PSY 260 or PSY 263 and MATH 201
Session Cycle: Spring
Yearly Cycle: Annual.

PSY 377. Educational Psychology. 3 Credit Hours.
This course explores psychological principles, theories and methodologies as they apply to issues of teaching and learning in diverse educational and community settings. Topics covered include theories of learning and motivation, developmental characteristics of learners, individual differences, teacher behavior, assessment, and socio-cultural influences on learning and schooling.
Prerequisites: PSY 260 or PSY 263
Session Cycle: Varies
Yearly Cycle: Annual.

PSY 391. Psychology Internship. 3 Credit Hours.
Students engage in individually supervised work-study arrangements and learn to apply psychological theory and principles in a work environment (e.g., youth recreation center or mental health clinic). Students must work at least ten hours per week on the internship (120 hours minimum), meet periodically with a supervising faculty member, research literature related to the field of the internship, and prepare a substantive report on their internship experience and the studies involved. This course is limited to juniors and seniors and requires the approval of a supervising faculty member and the department chair.
Prerequisites: PSY 260 or PSY 263.

PSY 440. The Design Thinking Process. 3 Credit Hours.
In this hands-on course, you will have an opportunity to learn and apply the design thinking process while simultaneously developing an understanding of the psychological (cognitive, behavioral) principles that underlie innovative thinking, problem-solving, and gamification. This course builds explicitly upon the introduction to design thinking that you received during the IDEA program. We will learn how design thinkers embrace a “test and learn” and “build to think” philosophy toward innovation.
Prerequisites: IDEA 101 and PSY 260 and MGT 200 or IB 356 and junior standing
Session Cycle: Fall
Yearly Cycle: Annual.

PSY 465. Cross-Cultural Psychology. 3 Credit Hours.
This course involves an in-depth examination of culture's role in socialization and behavior. The rationale and methodology of cross-cultural psychology are extensively addressed early in the semester. Thereafter, specific topics such as life transitions or cognitive styles are analyzed in a seminar format.
Prerequisites: PSY 260 or PSY 263 and junior standing
Session Cycle: Varies
Yearly Cycle: Alternate Years.

PSY 470. Social Psychology. 3 Credit Hours.
This course examines the factors impacting human relationships. Emphasis is placed on interpersonal attraction, attitude formation, social perception and cognition, altruism, aggression, small group behavior, and social identity and influence.
Prerequisites: PSY 260 or PSY 263 and junior standing
Session Cycle: Varies
Yearly Cycle: Annual.

PSY 471. Gender in Childhood. 3 Credit Hours.
In this course the meaning of gender and how it shapes children's experiences, perceptions, identities, and behavior will be addressed. The confluence of biology and socio-cultural factors on gender development will be considered. A variety of research approaches will be discussed as well as used by students.
Prerequisites: PSY 260 or PSY 263 and Junior standing
Session Cycle: Varies
Yearly Cycle: Annual.

PSY 472. Child Psychopathology. 3 Credit Hours.
This course will focus on major forms of atypical development in childhood and adolescence. Students will learn about the defining characteristics, possible causes, diagnosis, theoretical formulations, research evidence, and current approaches to intervention and prevention for child and adolescent disorders. These include behavioral disorders, mood disorders, developmental and learning problems, and problems related to physical and mental health. Psychopathology will be examined within the context of normal developmental processes and the larger systems in which children live.
Prerequisites: PSY 260 or PSY 263 and sophomore standing
Session Cycle: Varies
Yearly Cycle: Alternate.

PSY 480. Counseling Theory and Practice. 3 Credit Hours.
This course reviews the major contemporary theories and techniques of counseling. Students have opportunities to observe counseling situations and to practice counseling techniques. Cross-cultural issues will be addressed.
Prerequisites: PSY 260 or PSY 263 and junior standing
Session Cycle: Varies
Yearly Cycle: Annual.

PSY 481. Exercise and Sport Psychology. 3 Credit Hours.
Exercise and Sport Psychology is the field of study whereby the educational, research, and professional contributions of psychology are used to promote, enhance, and maintain exercise and sport behavior across the lifespan. The course will emphasize the practical applications of these principles.
Prerequisites: PSY 260 or PSY 263 and Junior standing
Session Cycle: Varies
Yearly Cycle: Annual.

PSY 482. Forensic Psychology. 3 Credit Hours.
This course is an introduction to the field of forensic psychology. Its content coverage will include the examination of the current issues, theories, and interface between psychology and the legal system. Students will explore a range of topics including criminal profiling, the reliability of hypnosis, lie detection, eyewitness testimony, trial preparation and jury selection, the insanity defense, domestic violence and sexual abuse cases, and death penalty trials and appeals.
Prerequisites: PSY 260 or PSY 263 and Junior standing
Session Cycle: Varies
Yearly Cycle: Alternate Years.

PSY 483. Drugs and Behavior. 3 Credit Hours.
This course is an overview of the primary topics related to understanding drugs and their effects on human behavior. Topics include historical and methodological perspectives, basic principles of drug action, basic neurobiology, and the physiological and behavioral effects of drug use and abuse, including stimulants, depressants, narcotics, hallucinogens, designer drugs, inhalants, alcohol, tobacco, and caffeine. The course will also cover the psychopharmacology and behavioral effects of prescription psychiatric medications, including anti-depressants, anti-psychotics, anxioloytics, mood stabilizers, and hypnotics (sleep agents). Additional readings and exercises will be assigned to enhance exposure to various topics beyond the text. Current as well as classic theoretical perspectives will be emphasized throughout the course.
Prerequisites: PSY 260 or PSY 263 and Junior standing
Session Cycle: Fall
Yearly Cycle: Alternate Years.

PSY 484. Psychological Testing and Assessment. 3 Credit Hours.
This course explores the goals and principles of psychological and educational assessment. Topics covered include the fundamentals of measurement theory and testing-related statistics; test construction and administration; and a review of the major types of psychological and educational tests. Contemporary issues in assessment such as bias, laws, and ethical concerns will also be discussed.
Prerequisites: PSY 260 or PSY 263 and MATH 201 and Junior standing
Session Cycle: Varies
Yearly Cycle: Alternate Years.

PSY 486. Judgment and Decision Making. 3 Credit Hours.
This course will examine the research on human judgment and decision making, and will explore the influence of these proceses in real-life areas such as health decisions, financial decisions, legal judgment, political decisions, and personal relationship choices.
Prerequisites: PSY 260 or PSY 263 and Junior standing
Session Cycle: Spring
Yearly Cycle: Alternate Years.

PSY 490. Senior Research Seminar. 3 Credit Hours.
In this course, students will integrate the knowledge they have accumulated in their first three years as an applied psychology major through the development and investigation of their own applied psychology hypothesis. In collaboration with the instructor and with their classmates, students will proceed through the stages of research from hypothesis development, to literature review, to proposing their research methods, to data collection, with the project culminating in written and oral presentations of their findings. Additionally, students will have the opportunity to influence their classmates' projects, and have them influence their project, as they discuss and evaluate each other's work. After completing the course, students will be qualified to evaluate others' research as well as conduct their own research, a skill crucial to many applied psychology careers.
Prerequisites: PSY 260 or PSY 263, PSY 371, PSY 376, Applied Psychology major, senior standing or permission of the instructor
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

PSY 491. Senior Internship Seminar. 3 Credit Hours.
This course will serve to integrate and apply knowledge derived from prior coursework. This course has two major components: the field placement and the classroom seminar. The field placements are expected to be diverse and selected based on student interest and preparation. The seminar portion of the course will involve faculty lectures, class exercises, student-to-student discussions and written assignments based on assigned reading materials and field experiences.
Prerequisites: PSY 260 or PSY 263, PSY 371, PSY 376, Applied Psychology major, senior standing or permission of the instructor
Session Cycle: Fall
Yearly Cycle: Annual.

PSY 497. Directed Study in Psychology. 3 Credit Hours.
This course involves independent and in-depth study of a specific topic in psychology. Students work on an individually supervised research project with a member of the psychology faculty. Instructor and department chair permission is required.
Prerequisites: PSY 260 or PSY 263 and junior standing.

Science and Technology (SCI)

Courses

SCI 251. Biology I Principles of Biology. 3 Credit Hours.
This course serves as an introduction to the fundamental principles of biology. Emphasis will be placed on topics including scientific/biological methodology, biological classification and nomenclature, cell structure and function, cellular biochemistry, principles of energy and metabolism, genetics, aspects of ecology and the core theory of modern biology - evolution. Students will gain a deeper understanding of life processes at the cellular and molecular level. This course may be taken with a laboratory to fulfill the laboratory requirement for graduation.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SCI 253. Biology II Organismal Biology. 3 Credit Hours.
This course is intended as a higher level biology course focusing on organismal biology, the study of structure, function, ecology and evolution at the level of the organism. It will use evolutionary theory as an organizing theme to explore biodiversity, physiology of various organism groups (plants, animals, etc.), and ecology, with human physiology especially highlighted. This course will be essential for students intending to pursue advanced graduate or professional training in biological and biomedical fields.
Prerequisites: SCI 251
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 262. Physical Geology. 3 Credit Hours.
This course explores the cyclicality of geologic processes that shape the earth. Volcanic activity and earthquakes contribute to the building of mountains. Rivers and oceans help to destroy mountains. This simplistic idea is expanded to give the student a very good idea of "how the earth works." This course may be taken with a laboratory to fulfill the laboratory requirement.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SCI 263. Astronomy. 3 Credit Hours.
This general introductory course explores the fundamentals of astronomy. All branches of modern astronomy are covered. Major topics include the historical development of astronomy, the solar system, and the universe beyond. This course may be taken with a laboratory to fulfill the laboratory requirement.
Session Cycle: Fall, Spring, Summer
Yearly Cycle: Annual.

SCI 264. Physics I Introductory Physics. 3 Credit Hours.
This course deals with some areas of physics, such as mechanics, heat, waves, sound, light, electricity, and modern atomic physics, primarily from a conceptual point of view. This course will be especially useful to students who plan to enter an industry in which an understanding of the physical laws of nature is desirable. This course may be taken with a laboratory to fulfill the laboratory requirement.
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 265. Chemistry I Introductory Chemistry. 3 Credit Hours.
This course will provide a general knowledge of chemistry as foundational background for careers in the environmental and biological sciences, chemical, agricultural and pharmaceutical industries, energy and materials management, and community service sectors. This course provides an introductory study of the fundamental concepts of chemistry: atomic and electronic structure, chemical bonding, simple reactions in organic and organic chemistry, and chemical equilibria. This course may be taken with a laboratory to fulfill the laboratory requirement.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SCI 266. Oceanography. 3 Credit Hours.
The study of oceanography will provide students with an appreciation and a general familiarity with the ocean and with both coastal and open marine environments. This course will have an interdisciplinary focus in that it will emphasize the interactions that occur among the biological, chemical, geological, and physical phenomena of various marine environments from the beach to the open ocean.
Session Cycle: Fall, Winter, Spring, Summer
Yearly Cycle: Annual.

SCI 267. Chemistry II Chemical Systems. 3 Credit Hours.
This course completes a two semester introductory chemistry sequence and will enhance a student's preparation for further study in the environmental and life sciences at Bryant. Recommended for students who are majors in Biology or Environmental Science and who plan to enter an industry or field of study where a general knowledge of chemistry is essential such as the health professions (medical, pharmaceutical, dental) and graduate school in the biological sciences. This course will characterize and explain chemical systems at equilibrium, as well as exploring spontaneous processes, rates of chemical reactions, electrochemistry, thermodynamics, and acid/base chemistry.
Prerequisites: SCI 265
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 268. Introduction to Environmental Science and Sustainability. 3 Credit Hours.
This course provides students with a broad overview of the scientific principles, concepts, and methodologies required to understand the interrelationships implicit in environmental studies, including the concept of sustainability, and to identify and analyze environmental problems both natural and human-made. Integrated laboratory and/or field exercises will demonstrate the principles, processes, techniques, and technologies of environmental problems and solutions.
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 274. Physics II Biological Physics. 3 Credit Hours.
This course explores concepts in physics specifically related to the biological and health sciences, including properties of fluids and solids, thermodynamics, optics, electrostatics and DC circuits, and radiation and health. Examples will be drawn primarily from the biological world with a special emphasis on human and animal health. This course is required for students pursuing a pre-med track within the Biology major.
Prerequisites: SCI 264
Session Cycle: Fall
Yearly Cycle: Annual.

SCI 287. Weather and Natural Disasters. 3 Credit Hours.
Natural disasters, both local and global, are an important factor of all human societies and the weather comprises many of these disasters. This course investigates our knowledge of the weather processes that affect human environments in catastrophic ways, from tornadoes and hurricanes to climate change coverage. It includes the prediction of these phenomena as well as quantifying their impact, possible mitigation, and the politics that surround them. These concepts are presented in a way which applies to real-life and encourages critical thinking. Methods of scientific inquiry are also covered. This course may be taken with a laboratory to fulfill the laboratory requirement.
Session Cycle: Fall
Yearly Cycle: Annual.

SCI 351. Ecology. 3 Credit Hours.
This course provides a review of ecological principles and selected research studies underlying these concepts, identifies techniques used by ecologists, and presents an overview of local and global environmental issues, including strategies for sustainability. In addition, the course emphasizes critical analysis of environmental problems and examines individual, group and societal roles important to improving environmental quality. This course may be taken with a laboratory to fulfill the laboratory requirement.
Prerequisites: SCI 251, SCI 262, or SCI 266 or permission of the instructor
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SCI 354. Nutrition. 3 Credit Hours.
Nutrition concerns the study of processes by which organisms ingest, digest, absorb, utilize food and excrete wastes. Students will learn human diet and nutritional needs and develop the ability to think critically about nutrition claims and counterclaims in the marketplace. Recent advances in nutrition research, such as those relating to weight loss, performance enhancement, and mood control, will also be covered.
Prerequisites: SCI 251
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SCI 355. Energy Management Strategies. 3 Credit Hours.
In this course students review the principles of energy transformation, explore alternative energy resources and their feasibility, and assess current and future energy policy formation. In addition, students examine the economic and ecological impacts of various policy options and provide assistance in structuring institutional management plans for efficient energy use. This course may be taken with a laboratory to fulfill the laboratory requirement.
Prerequisites: 200-level science course
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SCI 356. Introduction to Biotechnology. 3 Credit Hours.
Biotechnology is the commercial application of living organisms involving the deliberate manipulation of their DNA. As such, biotechnology broadly impacts commercial markets in human and animal health care, agriculture and horticulture, and the forensic sciences. Students will learn, through lectures and "hands on" laboratory experiences, about the biotechnology products and "new life forms" which have been or are about to be commercialized. This course involves significant "hands on" experiences, and focuses on the development process of bioengineered products from Idea inception to market entry. This course may be taken with a laboratory to fulfill the laboratory requirement.
Prerequisites: SCI 251 or SCI 265
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 358. Human Sexuality. 3 Credit Hours.
This course will instruct students in the cultural and social legacy of sexuality in American society. Students will also learn the details of human reproduction, development, and sexual maturation and consider the impacts of new technologies on reproductive health care. Sexually transmitted diseases, their biology and social implications, will also be covered.
Prerequisites: SCI 251 and Junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 360. Anatomy and Physiology I. 3 Credit Hours.
The essential principles of human anatomy and physiology are explored in this course, using a systems approach. The first portion of the course will review fundamental biological and chemical principles central to life at a cellular level, and explore the structure and function of tissues. The second portion of the course will involve a detailed analysis of the structure and function of the integumentary, skeletal, muscular, nervous and endocrine systems, as well as an examination of the senses. The coordination of these organ systems and their role in the maintenance of homeostasis in the human body will also be explored. The course can be taken with a laboratory to fulfill the laboratory requirement, or to prepare for application to medical or professional programs in the health sciences.
Prerequisites: SCI 251 and SCI L251 or instructor permission
Session Cycle: Fall
Yearly Cycle: Annual.

SCI 362. Nobel Prize in Biological Sciences. 3 Credit Hours.
This course provides an understanding of the development of modern biological sciences and covers basic biological scientific principles in major sub-disciplines such as evolution, molecular biology, physiology, and medicine. By presenting major Nobel Prize winning research in biology, the course provides insight into the unique mindsets of Nobel laureates, noting the creativity and logical reasoning behind their Nobel Prize winning research. Both social and business impacts of their scientific contributions will be discussed, with emphasis on how scientific knowledge affects politics, history, religions, and daily life.
Prerequisites: SCI 251 or SCI 265 or permission of the instructor
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SCI 363. Genetics. 3 Credit Hours.
This course will introduce students to the fundamental concepts of genetics. The first half of the course will detail classical inheritance patterns, chromosomal rearrangement, mutations and DNA repair. The second half of the course will deal with modern discoveries and applications in today's world with respect to uses in biotechnology, genomics as well as the role of genetics in the development of disease states such as cancer. Experimental data will be incorporated into each segment of the course to enhance understanding of the scientific method and reinforce lecture topics. This course may be taken with a laboratory to fulfill the laboratory requirement.
Prerequisites: SCI 251, sophomore standing or permission of instructor
Session Cycle: Fall
Yearly Cycle: Alternate Years.

SCI 364. Plant Biology. 3 Credit Hours.
This course explores the biology of major plant groups-- their structure, function, physiology and ecology systematics and phylogeny. While the emphasis will be placed on flowering plants (angiosperms), the dominant plant group in the modern world, the course examines all aspects of plant life, including the impact of human activities on vegetation. The course will include direct observation of plant material and preparation of herbarium specimens. Current issues related to plant diversity, protection of endangered species, horticulture, food production, etc. will also be discussed.
Prerequisites: SCI 251 or SCI 265 or instructor permission
Session Cycle: Fall
Yearly Cycle: Alternate Years.

SCI 365. Organic Chemistry I. 3 Credit Hours.
This course will provide an introduction to the chemistry of organic compounds and the importance of organic chemistry in our everyday life. Organic chemistry is involved in many industrial production processes such as plastics and pharmaceuticals, as well as being essential to the reactions and processes that occur in living organisms. This course will cover the structure and chemistry of the major classes of organic compounds, and is recommended for students who plan careers in environmental toxicology, the chemical and pharmaceutical industries, waste management, biological sciences and geochemistry. This course may be taken with a laboratory to fulfill the laboratory requirement.
Prerequisites: SCI 265
Session Cycle: Fall
Yearly Cycle: Alternate Years.

SCI 366. Coastal Environments. 3 Credit Hours.
This course will teach the student how different types of coastlines are molded from waves, tides and sediment supply. It will also show the different tools, methodologies, and applications that are available to the coastal geomorphology assessment and surveying service industries. Group projects involve the preparation of technical/cost proposals to solve coastal geo-technical problems and design of coastal management plans.
Prerequisites: SCI 251 or SCI 262 or SCI 266 or SCI 287 or permission of the instructor
Session Cycle: Fall
Yearly Cycle: Annual.

SCI 367. Biochemistry. 3 Credit Hours.
This course involves the study of chemical processes that are continually occurring within a living organism. The structures and functions of critical chemical components of all cells will be covered as well. In addition, critical processes such as metabolism, generation of energy and the biosynthesis of major biomolecules (proteins, DNA, lipids, carbohydrates) and photosynthesis will be analyzed in-depth. The final portion of the course will examine biochemical basis of disease, and how biological systems deal with toxins.
Prerequisites: SCI 251 and SCI 265; or permission of the instructor
Session Cycle: Fall
Yearly Cycle: Alternate Years.

SCI 368. Elements of Forensic Science. 3 Credit Hours.
This course will provide an overview of forensic science, including strategies for identifying and solving complex problems, exposure to the analytical tools used by forensic scientists, and the professional standards and ethical considerations guiding practitioners. Special topics will include the scope and history of forensic science, the use of scientific methodology, the concepts of evidence and proof, and the methodologies used for establishing unique connections based on physical, chemical and biological evidence. Students will also become acquainted with the role of histology, serology and DNA typing in forensic analyses, the importance of accurately reconstructing dynamic processes; the recognition, collection and preservation of evidence; the use of statistical techniques, and the demands for quality assurance. An introduction to the technologies used by forensic scientists will be included, along with an examination of the scope of professional careers in forensic science, especially the collage of specialties that comprise collaborative forensic teams.
Prerequisites: SCI 251 or SCI 265 or permission of the instructor
Session Cycle: Fall
Yearly Cycle: Annual.

SCI 369. Histology. 3 Credit Hours.
This course will focus on the microscopic study of tissues and organs in relation to their function using light and scanning electron microscopy allowing anatomy and physiology analyses to be visualized at the cellular level. Topics will include tissue structure, organization and histochemistry, pathological variations associated with different disease states, molecular biomarkers, fluorescence technology, and immuno/cyto/ histochemical techniques. Students will use various techniques of preparing plant and animal tissue for microscopic study in the laboratory, and will gain experience in digitizing microscopic images. Additionally, methodologies including tissue processing, embedding, sectioning and staining techniques, along with analytic tools used by scientists in medical forensic, biological, and toxicological fields will be examined.
Prerequisites: SCI 251 or SCI 265; or permission of instructor
Session Cycle: Spring
Yearly Cycle: Alternate Years.

SCI 371. Human Impact on Land and Life. 3 Credit Hours.
Having doubled in the last 40 years, the human population is requiring an increasing amount of natural resources while generating a substantial amount of waste and pollution that the environment can no longer absorb. It has been reported that human activities, such as land development and agriculture, have modified over 50% of the Earth's land surface. We are also causing an extinction rate 1,000 – 10,000 times greater than the background extinction rate. This course covers environmental issues on land use, wildlife protection, and human health. Topics include toxicology, agriculture, forestry, urbanization, biodiversity decline, and sustainable solutions. Tools and techniques for problem solving and analysis will be emphasized. This course may be taken with a laboratory to fulfill the laboratory requirement.
Prerequisites: 200-level science course
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 372. Sustaining Air and Water. 3 Credit Hours.
An increase in technological advancements has degraded our air and water. For instance, acid rain has caused half the trees in Germany's Black Forest to die; the life expectancy for urban residents in India has been reduced by 3.2 years because of air pollution; and at least 320M people in China do not have access to clean drinking water. This course covers our environmental impact on air and water, transport and fate of toxic chemicals, and current prevention efforts. Topics include global warming and climate change, urban smog, surface water and groundwater contamination, and ocean dead zones. Developing problem solving and risk assessment skills will be emphasized. This course may be taken with a laboratory to fulfill the laboratory requirement.
Prerequisites: 200-level science course
Session Cycle: Fall
Yearly Cycle: Annual.

SCI 373. Artificial Intelligence and Robotics. 3 Credit Hours.
Can machines think? What does this really mean? This course provides an introduction to the topic of artificial intelligence and robotics. The lab part of the course provides hands-on experience in the making of thinking machines. The lecture part of the course will focus on the theory of artificial intelligence and robotics, but will also include some hands-on projects and competitions. The course (both the lab and lecture) will serve as an introduction to programming in Python, and the use of the robotic hardware. The course will present methods for solving difficult decision-making problems. The lecture and lab (SCI L373) must be taken concurrently. Some programming experience is helpful but is not required.
Prerequisites: 200 level science course
Session Cycle: Fall, Spring
Yearly Cycle: Alternate Years.

SCI 374. Organic Chemistry II. 3 Credit Hours.
This course is the second semester offering of the full year of organic chemistry. This course will expand your basic knowledge of organic chemistry by developing a deeper understanding of the reactivity of functional groups such as aromatic rings, dienes, alcohols, amines, aldehydes, ketones, carboxylic acids and their derivatives. In addition, it will further your understanding of "electron pushing", so that you are able to propose reasonable reaction mechanisms. Students will be able to use the fundamentals of functional group reactivity to develop multi-step syntheses of organic molecules. Finally, students will be able to use NMR spectroscopy, along with IR spectroscopy and mass spectrometry, to deduce unknown organic structures.
Prerequisites: SCI 365
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 376. GIS for Environmental Decision Making. 3 Credit Hours.
This course will provide an overview of Geographic Information Systems (GIS), widely used by geologists, hydrologists, oceanographers, community planners and environmental engineers, utilizing diverse computer hardware and software applications. Applications for GIS tools will be examined, including transportation design, land use planning, facility citing, and resource management. This course will focus on how GIS applications are structured, what types of mapping data can be processed, and what customized products can be generated. Case studies will illustrate the utilization of GIS analysis to improve decision making, and field visits to public and private sector data centers will illustrate the breadth of applications. Hands-on exposure to CARIS for Windows and ArcGIS will enhance the student's understanding of GIS tools and provide a means for individualized projects to be completed. This course may be taken with a laboratory to fulfill the laboratory requirement.
Prerequisites: 200-level science course
Session Cycle: Fall
Yearly Cycle: Annual.

SCI 377. Microbiology. 3 Credit Hours.
This course examines life at the microscopic level and is designed to provide an understanding of microbiology and its connectedness to the environment, medicine, agriculture, and industry. Topics will include exploration of the world of bacteria, viruses, protista, and fungi, use of microbes in genetic engineering, food preservation and safety, the role of microbes in biotechnology, industry, and agriculture, antibiotic resistance, viral and bacterial diseases of humans, and the use of microbes or microbial products in bioterrorism. Demonstration exercises will be integrated throughout the course to reinforce lecture topics. This course may be taken with a laboratory to fulfill the laboratory requirement.
Prerequisites: SCI 265 with lab or SCI 251 with lab or permission of instructor
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 380. Anatomy and Physiology II. 3 Credit Hours.
This course is the second semester of a 2-course sequence that covers the study of the structure and function of the human body. Topics include a further exploration of essential principles in human anatomy and physiology, and are built upon the knowledge acquired in Anatomy and Physiology I. The course will proved a detailed analysis of the structure and function of the cardiovascular, lymphatic, digestive, respiratory, urinary and reproductive systems, as well as to examine human growth and development. The coordination of organ systems and their role in the maintenance of homeostasis in the human body will be examined. The course is matched with a laboratory component (Anatomy and Physiology Lab II), and is considered to be a requirement for pre-med and many pre-professional health programs.
Prerequisites: SCI 360, Sophomore standing, or permission of the instructor
Session Cycle: Fall
Yearly Cycle: Annual.

SCI 390. Research Methods in Science. 3 Credit Hours.
This course is intended to provide an introduction to scientific methodology and analytical science. Topics will include data analysis, statistical analysis, principles of spectrophotometry, chromatography and microscopy, field sampling techniques, technical writing, and oral presentation skills. This course will serve as the foundation for the SCI 490 research project and those students interested in analytical science.
Prerequisites: Junior standing and science major or permission of the instructor
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 391. Science Internship. 3 Credit Hours.
The science internship provides the student with the opportunity to gain on-the-job experience and to apply scientific principles and procedures learned in the classroom in a work environment. The student is required to meet regularly with a faculty advisor, keep a daily log of activities, complete a paper or specific research project, and prepare an evaluation of the experience at the end of the internship.
Prerequisites: Approval of a supervising faculty member and department chair.

SCI 397. Directed Study in Science. 3 Credit Hours.
This course is tailored to fit the unique interests of a student interested in science. Faculty and student will design a program for the study of complex issues in science and/or technology, including technical applications of scientific methodology and basic applied research into existing scientific problems, including regular meetings throughout the semester. The end product of this study would be a paper describing the results of the investigation, including methodology and data that have been generated, or the equivalent.
Prerequisites: approval of supervising faculty member and department chair.

SCI 450. Biological Imaging. 3 Credit Hours.
This course is designed for both majors and non-majors who are interested in learning how biological characters and concepts are illustrated through various kinds of imaging technologies. By introducing the theoretical dimensions and the operation guidelines of biological imaging techniques, students will understand how these techniques are utilized to detect and illustrate complex biological structure and function. Through hands-on practice of these techniques, students will be guided to generate publishable images on research samples, to use proper imaging processing skills, and to incorporate the images into a scientific paper. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: 200-level science course or permission of the instructor
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 451. Instrumental Analysis for Environmental and Life Sciences. 3 Credit Hours.
This course will cover the principles behind a variety of instrumental and analytical techniques that are in use in the environmental and life sciences. The principles behind techniques such as gas chromatography (GC), nuclear magnetic resonance (NMR), inductively coupled plasma (ICP), mass spectrometry (MS), infrared and UV spectroscopy, and high performance liquid chromatography will be examined. These topics will be explored in relation to their utility in answering scientific problems in the environmental and life sciences. Students will be able to develop an instrumental "toolbox" that will be coupled with a set of quantitative skills for analytical applications. The role of analytical chemistry in relation to supporting policy development and drug approval will be explored. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: SCI 251 or SCI 264 or SCI 265 or permission of instructor
Session Cycle: Spring
Yearly Cycle: Alternate Years.

SCI 452. Innovation and Global Energy Challenges. 3 Credit Hours.
This course will explore the challenges of providing a sustainable energy supply to support increasing world population and growing economies, and will focus on global energy systems, renewable energy sources, distributed power networks, diversification of energy supply, and increased energy efficiency. By examining the energy issues that preoccupy world decision makers, such as dwindling fuel resources, deteriorating electrical grids, externalization of costs, subsidies for existing energy corporations, extreme pollution and environmental degradation associated with mining, drilling, transport, operations, and waste disposal, students will develop and international perspective and multidisciplinary frame with which to approach needed changes in direction. Innovative approaches are needed throughout the entire energy distribution system, including changes in fuel procurement, processing, usage, and cost analyses that account for the entire fuel cycle and minimization of external costs. Breakthroughs in control systems, materials management, green building technology, carbon sequestration techniques, and algal biofuel production are just a few examples of promising new avenues for energy developments that will be assessed. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: SCI 251 or SCI 262 or SCI 265; or permission of the instructor
Session Cycle: Fall
Yearly Cycle: Annual.

SCI 453. GIS Tools Coastal Planning and Climate Change. 3 Credit Hours.
This course provides background and training in the utilization of Geographic Information System (GIS) tools for tracking climate change effects on coastal ecosystems, with a particular emphasis on how coastal planners can predict the extent and likelihood of significant alterations of coastline geomorphology or ecosystem dynamics. Advance planning can reduce the impact of these changes on residents and natural inhabitants. Case studies of coastal regions around the world will be explored. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: SCI 251 or SCI 262 or SCI 265 or SCI 287, or permission of instructor
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 454. Conservation in the U.S. and China. 3 Credit Hours.
As one of the major environmental issues, conservation captures the attention of both scientists and the general public. National parks in the U.S. and China preserve spectacular examples of the best biological and geological resources on our planet. This course provides basic scientific information behind these natural wonders and presents and analyzes conservation issues using an interdisciplinary approach. Through reading, discussion, and lectures, students will gain insights into the critical role that national parks play in the preservation of natural resources, as well as protecting cultural and historic values. Using selected national parks as case examples, students will learn how to assess scientific data that underlies environmental debates about conservation issues, and will examine how these issues are connected to society and business. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: SCI 251 or SCI 262 or SCI 266 or SCI 351 or SCI 366 or SCI 371 or SCI 376; or permission of the instructor
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 455. Environmental Policy: Decision Making and Problem Solving. 3 Credit Hours.
This course will present an overview of environmental policy alternatives, emphasizing the interrelationship of science, business and government in policy formation and implementation. Global issues will be included, with special attention directed toward international efforts to achieve consensus on sustainable growth policies that encompass economic realities, technological innovation and a sensible legal and regulatory framework. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: SCI 251 or SCI 262 or SCI 265 or SCI 266 or SCI 351 or SCI 371 or SCI 372 or SCI 376 and junior standing; or permission of instructor
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 457. Environmental Toxicology and Risk Assessment. 3 Credit Hours.
The generation of hazardous wastes and our potential exposure to them is increasing. This course will provide the student with the fundamentals of hazardous substances and wastes in relation to chemistry, environmental chemical processes, and toxicology. It is designed for students who are interested in various aspects of hazardous substances and wastes, including regulation, treatment, remediation, biological effects, chemical phenomena, transport, source reduction, and research. Experimental exercises will be integrated throughout the course to reinforce lecture topics. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.).
Prerequisites: 200-level science course
Session Cycle: Spring
Yearly Cycle: Alternate Years.

SCI 458. Global Change and Geochemical Impact. 3 Credit Hours.
This course provides an in-depth understanding of global changes of atmosphere, biosphere and hydrosphere in the past and present. using the state of art isotope technology and its applications in environmental sciences, the course covers both theoretical and experimental aspects of issues in global scale. The course integrates hands-on laboratory exercises to reinforce lecture topics. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: SCI 251 with lab or SCI 265 with lab or permission of instructor
Session Cycle: Fall
Yearly Cycle: Annual.

SCI 459. Foundations in Pharmaceutical Science. 3 Credit Hours.
This course is intended to provide an extensive background in virology and immunology as well as a brief introduction to the progression of disease. This will allow for a greater understanding of the field of pharmacology which is centered around how pharmaceutical drugs work within the body, and is based on scientific discoveries being translated into product development. Several key pharmaceutical companies will also be analyzed in order to provide a real world understanding of the integration of business science. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: SCI 251 or SCI 265 or permission of the instructor
Session Cycle: Fall
Yearly Cycle: Alternate Years.

SCI 460. Systems Modeling. 3 Credit Hours.
How do disease epidemics spread? How do species become endangered? Can we influence these dynamics through policies? Complex systems are characterized by a large number of locally-interacting parts which exhibit behavior qualitatively different than the individual parts. In this course students will explore many such systems, from meteorology and climate, to ecology and epidemiology, to neural systems. In the global environment, there is a growing need for the understanding of complex systems at the border between order and chaos, in contexts of environment and society. Computer modeling exercises will be integrated throughout the course to reinforce lecture topics. For qualified students, this course may be taken as a 500 level graduate content course with permission of the instructor.
Prerequisites: 200-level science course
Session Cycle: Spring
Yearly Cycle: Alternate Years.

SCI 461. Issues in Biological Science. 3 Credit Hours.
This seminar course will focus on current issues in biological science, and will vary from year to year based upon compelling new trends in the biosciences. Public understanding of science often plays a large role in the advancement of the field as a whole, and therefore current societal issues and biomedical research will be addressed. Additional topics may include addressing new technology or research methodologies, the role of government and culture in scientific achievement, the integration of the environment and science and climate change and species extinction. This course will be a faculty and student-run seminar course in which students will be required to present topics of interest to them. Outside speakers will be included.
Prerequisites: SCI 251 and Lab or SCI 265 and Lab; or permission of instructor
Session Cycle: Spring
Yearly Cycle: Annual.

SCI 462. Plant Diversity in Ancient and Modern Environments. 3 Credit Hours.
This course provides an in-depth understanding of major plant groups--their naming, classification, structure, function and evolution. By examining all aspects of plant life through temporal and spatial changes, and the role of plants in shaping, adapting, and recording ancient and modern environments, the evolutionary history of plants and the global environmental change history will be integrated. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: SCI 251 or SCI 262 or SCI 364; junior standing or permission of the instructior
Session Cycle: Fall
Yearly Cycle: Annual.

SCI 463. Issues in Environmental Science. 3 Credit Hours.
This course provides an understanding of current environmental problems and a familiarity with innovative developments to solve them. Current issues from the following subject areas will be discussed: climate change, energy, land degradation, air and water quality, population growth, resource depletion, and wildlife management. Guest speakers will describe their work and provide insight on specific environmental issues and the future of the environmental science field. Students will research proposed solutions to various current environmental problems and evaluate their potential effectiveness. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: 200-level science course
Session Cycle: Spring
Yearly Cycle: Alternate Years.

SCI 464. Biomarkers and isotope Signals. 3 Credit Hours.
This course provides an in-depth understanding of state-of-the-art isotope technologies and their applications in the environmental sciences. Both theoretical and experimental aspects will be examined, with emphasis on current issues surrounding compound-specific isotope geochemistry, and how these isotope techniques are used in different scientific disciplines and their impact on a student's future environmental career will also be emphasized. Additionally, the course will explore how technical skills and knowledge about isotope chemistry can be utilized in different environmental assessments. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: Two of the following: SCI 251 and lab; SCI 264 and lab; SCI 265 and lab; and Junior standing or permission of instructor
Session Cycle: Varies
Yearly Cycle: Varies.

SCI 465. Green Technology for Sustainability. 3 Credit Hours.
Chemical processes provide valuable products and materials in various industries ranging from health care to transportation and food processing, yet they generate substantial quantities of wastes and emissions, which cost tens of millions of dollars annually to safely manage. This course investigates cost-effective utilization of chemical processes in ways that minimize pollution at the source and reduce impact on health and the environment, by creating sustainable systems in manufacturing, transportation, building, and energy production. Environmental risk-based costs and benefits are also explored, including the rationale, benefits, and implementation problems of green technology innovations. Experimental exercises will be integrated into the course to reinforce lecture topics. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: 200 level science course
Session Cycle: Fall
Yearly Cycle: Alternate Years.

SCI 466. Global Health Challenges. 3 Credit Hours.
This course will explore the unique global health challenges we are facing today. As the world becomes increasingly globalized, the status of health worldwide has begun to decline. This course will present some of the complexities facing the global health community from a variety of perspectives. A brief history of global health will be given, with particular attention to environmental degradation, especially the correlation between these changes and adverse effects of health and disease transmission. Social issues including literacy and cultural values will also be discussed in relation to effects on health. Selected communicable diseases and zoonotic and emerging diseases will be highlighted, along with current efforts to stop the spread of these diseases within the global community. Selected epidemiological studies will be emphasized to ensure that students are able to comprehend and appraise research in this field. For qualified students, this course may be taken as a 500 level graduate content course. Permission of the instructor is required.
Prerequisites: One of the following courses: SCI 251, SCI 351, SCI 356, SCI 362 or SCI 377, and junior standing or permission of the instructor
Session Cycle: Fall
Yearly Cycle: Annual.

SCI 470. Immunity and Disease. 3 Credit Hours.
This course will provide a broad introduction to the rapidly advancing study of immunity and disease. Starting with a survey of basic immunological principles, the course will explore the importance of the molecular and cellular factors involved in immune responses. Key methodologies used by immunologists and the practical applications of this research for the medical community will be discussed, causes of autoimmune disorders.
Prerequisites: SCI 251 or SCI 366 or SCI 377 or permission of instructor
Session Cycle: Fall
Yearly Cycle: Annual.

SCI 475. On-Site Environmental Study in China. 3 Credit Hours.
This course provides basic scientific information behind environmental issues in the larger context of cross-cultural differences between the U.S. and other countries. Using China as an example, this course offers an in-depth look into the environmental challenges that the country is facing with an emphasis on current environmental issues. Students will learn how to assess scientific data behind environmental debates and will examine how environmental issues are connected to society and business.
Prerequisites: At least one science course and one China- related course or permission of the instructor and junior standing
Session Cycle: Summer
Yearly Cycle: Varies.

SCI 490. Research Directed Study in Science. 3 Credit Hours.
This course is designed to refine the research interests of departmental majors, and to gain additional hands-on research skills, including experimental design, methodology, and exposure to technology and instrumentation appropriate for a more extensive research project. Direct interaction of faculty and students will be required, and students will be matched with a faculty member most closely aligned with his/her research interests. The end product of this study will be a scientific paper describing a literature search, precise methodology, data analysis, and discussion of the research. An oral presentation of the research results will be expected, and the paper will be evaluated for publication in an appropriate journal.
Prerequisites: SCI 390 and senior standing or permission of the department chair.

SCI 497. Directed Study in Science. 3 Credit Hours.
This course is tailored to fit the unique interests of a student interested in science. Faculty and student will design a program for the study of complex issues of science and/or technology, including technical applications of scientific methodology and basic applied research into existing scientific problems, including regular meetings throughout the semester. The end product of this study would be a paper describing the results of the investigation, including methodology and data that have been generated, or the equivalent.
Prerequisites: approval of supervising faculty member and department chair.

SCI HS300. Honors Special Topics in Science Application of Brain Science. 3 Credit Hours.
The human brain is very good at recognizing patterns. We are able to learn new faces and languages, and are able to work in complex environments easily. Brain models have been able to capture some of these features, and are continually giving us a better understanding of the workings of the brain. In this course we look at applications of these models on non-biological problems. For example, Google uses brain modeling techniques in some of its data analysis, and neural networks are used in automobiles and factories. Netflix has an ongoing contest to improve their ratings system, the winners of previous contests have used models inspired from the brain. This course will explore these, and other, applications of these models in data analysis problems in finance, marketing, science, economics, and other fields.
Prerequisites: Honors Program and 200-level science course.

SCI L251. Biology I Laboratory. 1 Credit Hour.
This laboratory course is intended to complement the General Biology lecture course. Familiarity with a variety of organisms, techniques, and concepts is obtained through a direct, hands-on approach.
Pre/Corequisites: This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course and will also fulfill the laboratory requirement
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SCI L253. Biology II Laboratory. 1 Credit Hour.
This course is intended as a higher level biology laboratory course, and will be essential for students intending to pursue advanced graduate or professional training in biomedical fields. Building on the foundations of biological science covered in General Biology – SCI 251 and Biology II – SCI 253, this laboratory course will use evolutionary theory as an organizing theme to explore biodiversity, animal and plant biology, human anatomy and physiology, immunology, hormone regulation, and vaccine development .
Pre/Corequisites: this course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course; fulfills the laboratory requirement
Prerequisites: SCI 251 and SCI L251
Session Cycle: Spring
Yearly Cycle: Annual.

SCI L262. Physical Geology Laboratory. 1 Credit Hour.
This laboratory course complements Physical Geology. Familiarity with minerals, igneous, sedimentary, and metamorphic rocks will be gained through hands-on activities. Other exercises include plotting of earthquake epicenters and map reading.
Pre/Corequisites: this course many only be taken concurrently with the lecture course or in a subsequent semester to the lecture course and fulfills the laboratory requirement
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SCI L263. Astronomy Laboratory. 1 Credit Hour.
This laboratory course consists of a series of exercises and term projects designed to give the student an appreciation of the heavens and modern developments in astronomical science. The exercises will duplicate as closely as possible the research conducted by contemporary astronomers, using real data and similar types of analyses. A trip to an observatory is included in the course.
Pre/Corequisites: this course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course; fulfills the laboratory requirement
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SCI L264. Physics I Laboratory. 1 Credit Hour.
This laboratory course is designed to provide a better understanding of the physical principles studies in the lecture course. The work done here provides an opportunity to become familiar with the scientific methods of making experimental measurements and evaluating the results of these measurements.
Pre/Corequisites: This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course; fulfills the laboratory requirement
Session Cycle: Spring
Yearly Cycle: Annual.

SCI L265. Chemistry I Laboratory. 1 Credit Hour.
Laboratory experimentation is the foundation of the science of chemistry. The "hands-on" experiments performed in this course will illustrate the principles, theories, and laws discussed in the lecture portion of the course.
Pre/Corequisites: This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course; fulfills the laboratory requirement
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SCI L267. Chemistry II Laboratory. 1 Credit Hour.
This course completes a two (2) semester introductory chemistry sequence (lecture plus lab), and will enhance a student's preparation for further study in the environmental and life sciences at Bryant. Recommended for Science and Technology majors/concentrators, and who plan to enter an industry or field of study where a general knowledge of chemistry is essential, such as the health professions (medical, pharmaceutical, dental) and graduate school in the biological sciences. This laboratory course will present practical applications of inorganic chemistry, thermodynamics, kinetics, and spectroscopy, and will coincide with the Chemistry II lecture.
Pre/Corequisites: This course may be only taken concurrently with the lecture course or in a subsequent semester to the lecture course; fulfills the laboratory requirement
Session Cycle: Spring
Yearly Cycle: Annual.

SCI L274. Physics II Laboratory. 1 Credit Hour.
This laboratory course consists of a series of exercises and term projects designed to give the student a quantitative understanding of experimental biological physics. The course follows Socratic methodology wherever possible to allow the students to gain a strong intuition even for concepts that are challenging. Data analysis techniques will be covered, as well as the use of technology in the gathering and interpretation of issues related to biological physics.
Pre/Corequisites: This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course; and fulfills the laboratory requirement
Session Cycle: Fall
Yearly Cycle: Alternate Years.

SCI L287. Weather and Natural Disasters Laboratory. 1 Credit Hour.
In this lab course students will gain a hands-on understanding of the methods used in the prediction, modeling, and impact of weather-related natural disasters. Data analysis techniques will be covered, as well as the use of technology in the gathering and interpretation of issues related to natural disasters. The lab will focus on data measurement and uncertainty, and will also include a covering of climate models, their uses and limitations.
Pre/Corequisites: This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course. This course fulfills the laboratory science requirement
Session Cycle: Fall
Yearly Cycle: Annual.

SCI L351. Ecology Laboratory. 1 Credit Hour.
This laboratory complements the Ecology: Theory and Applications lecture course. Ecosystem dynamics, including assessment of biotic and abiotic components, population growth patterns, species diversity and perturbation responses will be emphasized. Techniques and equipment commonly employed by professional ecologists will be stressed, using field studies, laboratory investigations, computer simulation, lab demonstrations, and site visits.
Pre/Corequisites: This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course; fulfills the laboratory requirement
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SCI L355. Energy Management Strategies Lab. 1 Credit Hour.
This laboratory course complements Energy Management Strategies. Familiarity with a variety of non-renewable and renewable resources will be gained through hands-on activities. Exercises include evaluation of fossil fuel efficiency, computer simulations of resource allocation, and the design of a solar house.
Pre/Corequisites: This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course; fulfills the laboratory requirement
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SCI L356. Biotechnology Laboratory. 1 Credit Hour.
This laboratory course will provide a hands-on approach to examine topics such as genes and genomes, genetic manipulation, microbial biotechnology, plant and animal biotechnology, forensics, medical and environmental biotechnology to accompany the material covered in the Introduction to Biotechnology course. Students will gain a greater knowledge of the techniques currently used researchers in the biotech field.
Pre/Corequisites: This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course: fulfills the laboratory requirement
Session Cycle: Fall, Spring
Yearly Cycle: Varies.

SCI L360. Anatomy and Physiology Laboratory I. 1 Credit Hour.
This laboratory component of Anatomy and Physiology I course will enable students to become familiar with anatomical structures at their own pace, using a hands-on approach. The laboratory exercises will include studies of 3-dimensional models and prepared slides, dissections of isolated organ systems, and observation of a virtual cadaver dissection, which will enable students to examine detailed structural features of key organs and systems, and better appreciate how the various body systems integrate. This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course: fulfills the laboratory requirement.
Pre/Corequisites: This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course. This course fulfills the laboratory science requirement
Session Cycle: Fall
Yearly Cycle: Annual.

SCI L363. Genetics Laboratory. 1 Credit Hour.
This laboratory course accompanies the Genetics lecture course which is intended to provide the fundamental basics of inheritance as well as to integrate modern uses of genetics in biotechnology and genomics. Topics will include basic inheritance patterns, reproduction, chromosomal replication, and the role of genetics in the development of various diseases. Students will be able to track inheritance patterns to determine risk of the occurrence of disease using hands-on techniques such as genetic karyotyping, generation of Punnett squares and DNA fingerprinting analyses.
Pre/Corequisites: This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course: fulfills the laboratory requirement
Session Cycle: Fall
Yearly Cycle: Alternate Years.

SCI L365. Organic Chemistry I Laboratory. 1 Credit Hour.
This laboratory course will accompany the Organic Chemistry lecture course. Laboratory activities are based primarily on the study of carbon-containing compounds. Students will be given the opportunity to carry out reactions covered in the lecture course. In addition, the basic techniques required for performing organic chemistry research will also be learned, utilizing state of the art equipment, and the importance of organic chemistry to biology and environmental science will be emphasized.
Pre/Corequisites: This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course: fulfills the laboratory requirement
Session Cycle: Fall
Yearly Cycle: Alternate Years.

SCI L371. Human Impact on Land and Life Laboratory. 1 Credit Hour.
This advanced laboratory course investigates a number of environmental topics pertaining to land and life. Interactive activities and experiments convey basic concepts of data collection, experimental design, analytical instrumentation, data analysis and interpretation, and risk assessment. These laboratory exercises also provide the necessary laboratory skills and techniques to conduct scientific research.
Pre/Corequisites: This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course; fulfills the laboratory requirement
Session Cycle: Spring
Yearly Cycle: Annual.

SCI L372. Sustaining Air and Water Laboratory. 1 Credit Hour.
This advanced laboratory course investigates a number of environmental topics pertaining to air and water. Interactive activities and experiments convey basic concepts of data collection, experimental design, analytical instrumentation, data analysis and interpretation, and risk assessment. These laboratory exercises also provide the necessary laboratory skills and techniques to conduct scientific research.
Pre/Corequisites: The course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course; fulfills the laboratory requirement
Session Cycle: Fall
Yearly Cycle: Annual.

SCI L373. Artificial Intelligence and Robotics Laboratory. 1 Credit Hour.
SCI L373 is the laboratory portion of artificial intelligence and robotics. This lab must be taken concurrently with the lecture portion.
Session Cycle: Fall
Yearly Cycle: Alternate Years.

SCI L374. Organic Chemistry II Laboratory. 1 Credit Hour.
This laboratory course is the second in a two-semester organic chemistry progression. This course will use a self-directed curriculum to teach and reinforce topics and concepts in organic chemistry and build critical thinking skills. This course will employ microwave assisted organic synthesis, collaborative experimental design, analysis and debriefing of results. This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course; fulfills the laboratory requirement.
Prerequisites: SCI L365
Session Cycle: Spring
Yearly Cycle: Annual.

SCI L376. GIS for Environmental Decision Making Laboratory. 1 Credit Hour.
This laboratory will accompany the GIS for Environmental Decision Making course, which is designed to provide an overview of Geographic Information Systems (GIS), widely used by geologists, hydrologists, oceanographers, community planners and environmental engineers, utilizing diverse computer hardware and software applications. The lab will utilize GIS hardware and software to examine problems and challenges confronted by environmental decision makers, including land use planning, facility citing, resource management, conservation strategies, public health issues, and transportation planning. This course will consider how GIS applications are structured, what types of mapping data can be processed, and what customized products can be generated.
Pre/Corequisites: This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course; fulfills the laboratory requirement
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SCI L377. Microbiology Laboratory. 1 Credit Hour.
This laboratory course accompanies the Microbiology lecture course, which examines life at the microscopic level and is designed to provide an understanding of microbiology and its connectedness to the environment, medicine, agriculture, and industry. Topics will include exploration of the world of bacteria, viruses, protista, and fungi, preservation and safety; the role of microbes in biotechnology, industry, and agriculture, antibiotic resistance, viral and bacterial diseases of humans, and the use of microbes or microbial products in bioterrorism.
Pre/Corequisites: this course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course; fulfills the laboratory requirement
Session Cycle: Spring
Yearly Cycle: Annual.

SCI L380. Anatomy and Physiology Lab II. 1 Credit Hour.
This laboratory component of Anatomy and Physiology II course will serve as a continuance of Anatomy and Physiology I Lab, which will enable students to study in more depth the various human body systems. The laboratory exercises will include studies of 3-dimensional models and prepared slides, dissections of isolated organ systems, and observation of a virtual cadaver dissection, which will enable students to examine detailed structural features of key organs and systems, and better appreciate how the various body systems integrate.
Pre/Corequisites: This course may only be taken concurrently with the lecture course or in a subsequent semester to the lecture course: fulfills the laboratory requirement. Sophomore standing required
Session Cycle: Spring
Yearly Cycle: Annual.

SCI ST400. Special Topics in Science Environmental Investigation and Remediation. 3 Credit Hours.
Yearly CycleWe continue to pollute air and water, degrade soil and threaten wildlife. This course describes the thought process and necessary analytical steps to remediate outdoor environmental problems, such as contaminated air and water, wetland degradation, endangered species, and indoor environmental challenges resulting from asbestos, lead paint, and toxic molds. Field trips to superfund sites, wildlife sanctuaries, government laboratories, and environmental advocacy organizations, along with guest speakers from government, corporate, NGOs, and the environmental consulting industry will prepare students for completing a semester-long “environmental consulting” project that will demonstrate the progression of investigation and remediation activities through field sampling, laboratory analysis using advanced scientific instrumentation, data interpretation, and mitigation recommendations.
Prerequisites: 200-level science course
Session Cycle: Spring.

Sociology (SOC)

Courses

SOC 250SL. Community Engagement and Service Learning. 3 Credit Hours.
This course prepares students for service learning by introducing them to key tools for community engagement, including skills and strategies for working with community partners and critical reflection for deeper understanding and personal growth. Framed within the perspective of sociology, the course includes a service learning field experience and complements any area of University study. Service learning courses at Bryant require significant out- of- class community service done in partnership with community agencies.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SOC 251. Principles of Sociology. 3 Credit Hours.
Students survey and appraise the basic concepts, including theory and method, social processes and structure, culture, groups, socialization, inequality and social institutions.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

SOC 253. Honors Sociology. 3 Credit Hours.
This course is a more advanced introduction to sociology, allowing students to explore social theory, research methods, social structure, culture, groups, socialization, social interaction, inequality, and social institutions more deeply than in the standard introductory course.
Prerequisites: Honors Program
Session Cycle: Spring
Yearly Cycle: Annual.

SOC 351. Social Problems Social Solutions. 3 Credit Hours.
An exploration of major contemporary social problems, examining the context of social problems with a focus on the generation of social solutions. In this course, students select six focus areas for their study, examining the causes and proposed solutions to social problems, including inequalities in education, health, social justice, environment, criminal justice, and standards of living and development. This course is available with an integrated service-learning option (SOC 351SL).
Prerequisites: SOC 250SL or SOC 251 or SOC 253
Session Cycle: Spring
Yearly Cycle: Alternate Years.

SOC 351SL. Social Problems Social Solutions Service Learning Option. 3 Credit Hours.
An exploration of major contemporary social problems, examining the context of social problems with a focus on the generation of social solutions. In this course, students select six focus areas for their study, examining the causes and proposed solutions to social problems, including inequalities in education, health, social justice, environment, criminal justice, and standards of living and development. Service learning takes the student into the community where he or she not only learns sociology by way of real world experiences but also assists a community organization in realizing its goals. Community partners include schools, nursing homes, hospitals, and many other nonprofit agencies. Service learning courses at Bryant require significant out of class community service done in partnership with community agencies. Students receiving credit for SOC 351 cannot receive credit for this course.
Prerequisites: SOC 250SL or SOC 251 or SOC 253
Session Cycle: Spring
Yearly Cycle: Alternate Years.

SOC 352. Sociology of Gender, Illness, and Health. 3 Credit Hours.
Focusing on the role that gender plays in the opportunity for health and the likelihood of illness, this course explores the causes and consequences of different health outcomes for women and men and the myths and stereotypes about each group. For example, many believe that women have higher rates of mental illness than men but what, if any, is the evidence for this view? The course is U.S. based but it will cover some cross-cultural comparisons of gender, health and illness. This course is available with an integrated service learning option (SOC 352SL).
Prerequisites: SOC 251 or SOC 253 and SOC 250SL for service learning option
Session Cycle: Fall
Yearly Cycle: Annual.

SOC 352SL. Integrated Sociology and Service Learning: Gender, Illness and Health. 3 Credit Hours.
Good health is a foundation for healthy communities, but good health is in scarce supply. In this course, students will explore the conceptual aspects of good health as a scarce societal resource, will learn about the ways in which health and illness are experienced in sub-groups in our population, and, through community service learning experience, and understand the health and illness issues that actual groups of people cope with in their daily lives. Service learning courses at Bryant require significant out of class community service done in partnership with community agencies. Students receiving credit for SOC 352 cannot receive credit for this course.
Session Cycle: Fall
Yearly Cycle: Alternate Years.

SOC 354. Globalization and Childhood. 3 Credit Hours.
Globalization and Childhood examines the impacts of globalization on children and childhood across the globe. Issues include children as producers and consumers, as soldiers and victims of violence, and other topics. This course is also available with an integrated service-learning option (SOC 354SL).
Prerequisites: SOC 251 or SOC 250SL
Session Cycle: Spring
Yearly Cycle: Alternate Years.

SOC 354SL. Globalization and Childhood. 3 Credit Hours.
Globalization and Childhood examines the impacts of globalization on children and childhood across the globe. Issues include children as producers and consumers, as soldiers and victims of violence, and others. All students work on community-based projects as part of their academic assignments. Service Learning courses at Bryant require significant out of class community services done in partnership with community agencies.
Prerequisites: SOC 250SL or permission from the instructor
Session Cycle: Fall
Yearly Cycle: Alternate Years.

SOC 356. Sociology of Family. 3 Credit Hours.
The central goal of this course is to lead students to a deeper understanding of the ways in which American families are changing. Through an examination of the family in sociological, historical and cross-cultural perspective, students will gain insight into both the diversity of family forms and the ways in which the family is tied into the larger structure of society.
Prerequisites: SOC 251 or SOC 253
Session Cycle: Fall
Yearly Cycle: Annual.

SOC 357. Self and Society. 3 Credit Hours.
This course introduces students to the rich literature of sociological explorations into social psychology. It reviews a broad range of theoretical approaches, focusing particularly upon symbolic interactionist theory. Through readings, case studies and practical applications, students explore the intricacies of the social world to uncover a deeper understanding of human social behavior and themselves as social beings.
Prerequisites: SOC 251 or SOC 253 or PSY 260 and Sophomore standing
Session Cycle: Spring
Yearly Cycle: Alternate Years.

SOC 359. The Sociological Imagination What We See When We Watch T.V.. 3 Credit Hours.
This course uses the Sociological Imagination as the lens through which to analyze of the content of television. We will apply "The sociological imagination" (C. Wright Mills famous concept) to episodes of "The Wire", an HBO series that ran for five years. We will examine the lives of the characters and "urban space" as chronicled in "The Wire" including the work, neighborhoods, the city, morality, sexuality, politics, "childhood," gender and gender expression, race and social justice. We will also consider the relationship between social structures, culture, structure and agency. This course is cross-listed with COM 359.
Session Cycle: Fall
Yearly Cycle: Annual.

SOC 360. Sociology of Sport. 3 Credit Hours.
This course provides an overview of the discipline of sociology of sport. The course focuses on the global aspects of sport, with an emphasis on the relationship between sport and race, class, gender, sexual orientation, and national identity. It provides students with the theories, concepts and perspectives that allow them to better understand the relationships between sport, society and culture. This course is available with integrated service learning option (SOC 360SL).
Prerequisites: SOC 251 or SOC 253 and SOC 250SL for service learning option
Session Cycle: Spring
Yearly Cycle: Annual.

SOC 360SL. Sociology of Sport - Service Learning Option. 3 Credit Hours.
This course provides an overview of the discipline of the sociology of sport. Students will focus on the global aspects of sport, with an emphasis on the relationship between sport and race, class, gender, sexual orientation and national identity. This course also helps students develop theories, concepts and perspectives to understand the general relationship between the institution of sport, society and culture.
Session Cycle: Spring
Yearly Cycle: Annual.

SOC 362. Sociology of Innovation and Creativity. 3 Credit Hours.
This course takes a sociological perspective on creativity and innovation exploring the sociological context of each. Combining readings and lectures, class activities and a community-based project, students will learn about the social context of creativity and innovation and also understand more deeply their own creative processes and strengthen these through projects and portfolio building.
Prerequisites: SOC 251 or SOC 250SL or SOC 253
Session Cycle: Fall
Yearly Cycle: Alternate Years.

SOC 366. Race in America. 3 Credit Hours.
This course examines major issues in race relations from the perspective of both black and white Americans from the onset of slavery to the present. The course examines the origins and functioning of American slavery, with consideration to the Atlantic slave trade and the role of U.S. slavery within the context of New World slavery; the relationship between European immigrants and African-Americans in terms of the formation of whiteness and the historical meaning of white skin privilege; abolitionism and antislavery; the development and functioning of Jim Crow segregation; 2nd Reconstruction; the civil rights movement; and the significance of race during the post-civil rights era. This course is cross-listed with HIS 366, Race in America.
Prerequisites: SOC 251 or SOC 253
Session Cycle: Fall
Yearly Cycle: Annual.

SOC 370. Crime and Justice. 3 Credit Hours.
This course applies sociological theory and research to the study of crime and social control. Students engage in policy debates and research projects focused on the philosophy, design and operations of the criminal justice systems in education, immigration, drug control, and other areas. This course is available with the integrated service learning option SOC 370SL.
Prerequisites: SOC 250SL or SOC 251 or SOC 253
Session Cycle: Fall
Yearly Cycle: Annual.

SOC 370SL. Crime and Justice Service Learning Option. 3 Credit Hours.
This course applies sociological theory and research to the study of crime and social control. Students engage in policy debates and research projects focused on the philosophy, design and operations of the criminal justice systems in education, immigration, drug control, and other areas. Service learning courses at Bryant require significant out of class community service done in partnership with community agencies. Students receiving credit for SOC 370 cannot receive credit for this course.
Prerequisites: SOC 250SL or SOC 251 or SOC 253
Session Cycle: Fall
Yearly Cycle: Annual.

SOC 391. Sociology Internship. 3 Credit Hours.
Students engage in individually supervised work-study arrangements and learn to apply social science theory and principles in their work environment. Students must work at least ten hours per week on the job, meet periodically with a supervising faculty member, research literature related to the field of the internship, and prepare a substantive report on their internship experience and the studies involved.
Prerequisites: SOC 251 or SOC 253,Junior/Senior standing; approval of a supervising faculty member and department chair.

SOC 399SL. Service Learning Leadership Internship Field Study. 3 Credit Hours.
Students engage in individually supervised service learning arrangements in collaboration with a community partner. They must work at least twelve hours per week on the job, review literature related to the field of the internship, engage in regular and ongoing reflective activities, and produce a body of work that is of value to the community partner or site. This course is limited to juniors and seniors and requires the approval of a supervising faculty member and the department chair. Service learning courses at Bryant require significant out of class community service done in partnership with community agencies.
Prerequisites: SOC 250SL and Junior standing.

SOC 400. Research Methods in Sociology. 3 Credit Hours.
In this course students learn the systematic strategies commonly used to gather, analyze, and interpret social science data via survey research. Students use SPSS statistical analysis software to learn the art, logic, and science of data analysis and interpretation–including establishing causality with observational data.
Prerequisites: ECO 214, GLOB 241, POLS 241, GLOB 290, POLS 290, PSY 260, PSY 263, SOC 251, or SOC 253 and MATH 201 or 200 level or higher course in statistics
Session Cycle: Fall
Yearly Cycle: Annual.

SOC 451. Population and Society. 3 Credit Hours.
This advanced course examines the determinants and consequences of population processes and structures. Students explore the relevance of population to several social policy issues, including poverty, social security, health care, and the environment. The course uses illustrations from the United States and a variety of developed and developing countries.
Prerequisites: SOC 251 or SOC 253
Session Cycle: Spring
Yearly Cycle: Alternate Years.

SOC 452. Sociology of Work. 3 Credit Hours.
The sociology of work is an exploration of the meaning of work in our lives and in our culture. The course is organized in a seminar format in which students read and discuss a series of important books in the field. In addition to guiding students toward developing their own sociological insight, the course will challenge some of their basic assumptions about the social organization of work and about the relationship between the economic and the non-economic spheres of our lives. This course is available with an integrated service learning option (SOC 452SL).
Prerequisites: SOC 251 or SOC 253 and SOC 250SL for service learning option
Session Cycle: Fall
Yearly Cycle: Annual.

SOC 452SL. Sociology of Work Service Learning Option. 3 Credit Hours.
The sociology of work is an exploration of the structure and meaning of work in our lives and in our culture. The course is presented in a seminar format in which students read and discuss a series of topical books in the field. In addition to guiding students toward developing their own sociological insight, the course will challenge basic assumptions about the social organization of work and about the relationship between the economic and the non-economic spheres of our lives. This sociological exploration of work will be organized around a service learning practicum designed each semester in collaboration with a community partner. Service learning courses at Bryant require significant out of class community service done in partnership with community agencies. Students receiving credit for SOC 452 cannot receive credit for this course.
Session Cycle: Fall
Yearly Cycle: Annual.

SOC 453. Race and Ethnicity. 3 Credit Hours.
This course examines and uses theories to understand the treatment and life chances of racial and ethnic subpopulations, with an emphasis on U.S. society. Students explore the many ways stereotypes, prejudice, racism, and privilege become part of our everyday interaction and reinforce institutional discrimination.
Prerequisites: SOC 251 or SOC 253
Session Cycle: Spring
Yearly Cycle: Annual.

SOC 454. Social Theory: The Study of Isms and Phobias. 3 Credit Hours.
This seminar is first and foremost a study of classical and contemporary social theory. It also examines the ways in which a variety of these theories, both classical and contemporary, view and explain social inequalities. More specifically, we will use theories, theorists, and concepts from theories to help us better understand "isms and phobias" including racism, sexism, classism, heterosexism, homophobia, transphobia, ethnocentrism and xenophobia.
Prerequisites: SOC 251 or SOC 253
Session Cycle: Fall
Yearly Cycle: Annual.

SOC 455. Urban Sociology. 3 Credit Hours.
Because most of us have urban or suburban backgrounds, and because of the huge cities all over the globe, we assume that most of the world's population have urban experiences. This has not the case- at least until now. The world of the future will be urban. It is important that we understand how and why cities come into being, and how urbanism affects people's lives and behavior. Students will use urban theory to analyze the relationship between larger social forces and individual experiences in selected substantive areas of urban sociology.
Prerequisites: SOC 251 or SOC 253
Session Cycle: Fall
Yearly Cycle: Annual.

SOC 460SL. Applied Seminar in Social Entrepreneurship. 3 Credit Hours.
Social entrepreneurs create innovated solutions to the world's most vexing problems. This course provides students background knowledge in the emerging field and hands on experience in social entrepreneurship.
Prerequisites: SOC 250SL or SOC 251 or SOC 253 and Sophomore standing
Session Cycle: Spring
Yearly Cycle: Annual.

SOC 491. Sociology Capstone I. 3 Credit Hours.
Designed for student majoring in Sociology and Social Research, this senior-level capstone seminar asks students to explore, either as an individual directed-study or as part of a weekly seminar, some aspect of an important social issue as it relates to the operation of a social institution: marriage and family; religion; work; politics; urbanization; or sports.
Prerequisites: SOC 251 or SOC 253 and Junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

SOC 491SL. Sociology and Service Learning Capstone I. 3 Credit Hours.
This capstone course requires that students apply social theory and concepts to help them understand a community experience and then use the community experience to help make the theory and concepts come alive. Furthermore, students will conduct community based research that will benefit the community service partner, utilizing and understanding the specific research methods that will allow the most exacting study of the community. It requires an engaged and intense community based service experience. Service learning courses at Bryant require significant out of class community service done in partnership with community agencies.
Prerequisites: SOC 250SL and SOC 251 or SOC 253 and Junior standing
Session Cycle: Spring
Yearly Cycle: Annual.

SOC 492. Sociology Capstone II. 3 Credit Hours.
This course may follow SOC 491--offering the student a chance to tackle a large, in-depth study by providing a second semester to research their topic of interest.
Prerequisites: SOC 251 or SOC 253 and SOC 491 and Junior standing
Session Cycle: Varies
Yearly Cycle: Alternate Years.

SOC 497. Directed Study in Sociology. 3 Credit Hours.
This course is an opportunity for students to do independent, in-depth study or research for academic credit. The student works on an individual basis under the direction of a member of the sociology faculty. The main requirement of the course is the development of a substantial paper or project.
Prerequisites: SOC 251 or SOC 253.

SOC 499SL. Service Learning Leadership Practicum. 3 Credit Hours.
Available to advanced service learning students, this course helps to develop the practical skills necessary for assuming leadership in communities and small groups. Acting as Community Assistants and service learning mentors, students work with a community partner and lead protegee students in reflection and analysis activities. The student works on an individual basis under the direction of a member of the sociology faculty. Service learning courses at Bryant require significant out of class community service done in partnership with community agencies.
Prerequisites: SOC 251 or SOC 253 and SOC 250SL and SOC 491SL and Junior standing
Session Cycle: Fall
Yearly Cycle: Annual.

SOC ST300. Special Topics in Sociology From Womb to Tomb A Sociological Perspective on Sexuality. 3 Credit Hours.
This course examines how sexuality is defined throughout the life cycle. This course will use a sociological perspective to examine the cultural, political and legal aspects of human sexuality. Recent studies on human sexuality have highlighted that sexual aspects are of major importance in building up personal identity, social interaction and the social evolution of individuals.
Prerequisites: SOC 251 or SOC 253
Session Cycle: Fall
Yearly Cycle: Annual.

Sports Studies (SPS)

Courses

SPS 491. Sport Studies Senior Capstone Seminar. 3 Credit Hours.
The Sport Studies Capstone Seminar requires that students collaborate in the inter-disciplinary study of sport, integrating ideas about sport studies across a variety of disciplines. The collaboration and connections across disciplines will lead students to a deeper understanding of the role and place of sport in society. This course is unusual and innovative: sport studies students will complete a capstone project but work within a specific discipline, requiring students to share and develop connections across disciplines and between experiences and academic content.
Prerequisites: Senior standing
Session Cycle: Spring
Yearly Cycle: Annual.

Transfer Transitions (TTR)

Courses

TTR 101. Transfer Transitions 101. 1 Credit Hour.
This course is designed to help transfer students become engaged members of the Bryant University academic community. The course encourages students to claim their education through a focus on the process of learning how to learn and cultivating the habits of mind for lifelong achievement and success. By linking critical and creative thinking with writing, discussion, and group work, students will be challenged to develop the cognitive, affective, and behavioral skills that will enable them to achieve success at Bryant and in their chosen professions.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

Women,Gender, and Sexuality St (WGS)

Courses

WGS 250. Women, Gender, and Sexuality Studies. 3 Credit Hours.
This course takes an interdisciplinary approach to understanding how gender and sexuality shape our world. The course explores the origin and evolution of women's studies, the shift to questions concerning the social construction of gender, and the emergence of scholarly investigations of sexual identities. Students will interrogate various conceptions of gender and sexuality and explore how these conceptions might reinforce or disrupt social structures. The primary goals of this course are to encourage students to think critically about how dominant discourses of gender and sexuality have shaped the lives of both women and men. This course is cross-listed with LCS 250.
Session Cycle: Fall
Yearly Cycle: Annual.

WGS 471. Friendship and Intimacy in the Age of Social Media. 3 Credit Hours.
Through an interdisciplinary lens (philosophy, literature, economic theory, gender and sexuality theory), this course critically examines the effects of social media and global capitalism on friendship and intimacy. It asks: what model of friendship is currently culturally dominant? Is friendship merely another commodity useful in augmenting one's "human capital," or do traditional models of friendship still have relevance? Given the important role social media play in movements for social justice, what new avenues for creative cooperation and intimacy become available through social media? We will seek answers to these questions through philosophical, literary, and historical analyses of friendship and intimacy, paying close attention to non-normative, one might say "queer" relationship practices through the ages. This is cross-listed with LCS 471.
Prerequisites: WGS 250 or LCS 250 or LCS 260 or LCS 270 and sophomore standing
Session Cycle: Fall
Yearly Cycle: Annual.

WGS 490. Women, Gender, and Sexuality Studies Seminar. 3 Credit Hours.
In this course students engage in independent and in-depth study of a specific topic in Women, Gender, and Sexuality Studies under the supervision of a WGS faculty member. Students will complete a substantial paper or project.
Prerequisites: WGS 250 and Junior/Senior standing and supervising faculty approval and program coordinator approval.

WGS 491. Women, Gender, and Sexuality Studies Internship. 3 Credit Hours.
Students engage in individually supervised field placements that are relevant to the study of Women, Gender, and Sexuality Studies (e.g., gay youth advocacy organization or battered women's shelter). Students must work at least ten hours per week at the placement and meet regularly with a supervising WGS faculty member. In addition, in-depth written work that integrates theory and practice is required.
Prerequisites: WGS 250, Junior standing and supervising faculty approval and program coordinator approval.

WGS 497. Directed Study in Women, Gender, and Sexuality Studies. 3 Credit Hours.
With coordinator approval, a student may pursue their interest in a Women, Gender, and Sexuality studies related topic through a directed study with a professor who teaches WGSS designated courses. Junior standing is required.
Prerequisites: WGS 250 or LCS 250 and junior standing.

Writing (WRIT)

Courses

WRIT 106. Writing Workshop. 3 Credit Hours.
In Writing Workshop students will engage with one another as a collaborative of writers. Focusing on the practice of writing as a process, the course will familiarize students with the conventions and challenges of specific rhetorical situations. Students will develop transferable strategies for effectively accessing, interpreting, evaluating and presenting information with an awareness of purpose and context. Along with fostering writing competencies and a capacity for inquiry and analysis, the course will require students to reflect upon their experiences as a writer and participants in various learning communities. Students will learn to recognize writing as a value-laden ethical enterprise, a means of self-exploration, self-definition and self-expression.
Session Cycle: Fall, Spring
Yearly Cycle: Annual.

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