



**BOSTON COLLEGE**

**SUMMER SESSION 2019**



(617) 552-3800 | [bc.edu/summer](http://bc.edu/summer)



## BOSTON COLLEGE

### Summer Session 2019

#### Academic Calendar

**NOTE - Start/end dates of some courses deviate from this calendar.**

**E.g. courses which are FULLY ONLINE run for 7 weeks.**

**See individual course listing for EXACT dates.**

Thursday,	April 4	Summer 2019 Registration opens (Registration for WCAS students fall 2019 also begins)
<b><u>Tuesday,</u></b>	<b><u>May 14</u></b>	<b><u>First summer session begins</u></b>
Tuesday, to Friday,	May 14 May 17	Last week to drop a first-session course with 100% refund of tuition (must withdraw before second class meeting)
Monday	May 20	Commencement Day - No MORNING or EARLY AFTERNOON classes. <b>Classes that begin AFTER 4p.m. <u>DO MEET</u></b>
Monday,	May 27	Memorial Day Holiday – no classes
Thursday,	June 20	Last day of first summer session 2019
<b><u>Monday,</u></b>	<b><u>June 24</u></b>	<b><u>Second summer session begins</u></b>
Monday, to Friday,	June 24 June 28	Last week to drop a second-session course with 100% refund of tuition (must withdraw before second class meeting)
Thursday, <b>AND</b>	July 4	Fourth of July Holiday – <b>University CLOSED for 2 days</b> <b>NO CLASSES</b>
Friday	July 5	
Friday,	August 2	Last day of second summer session 2019



# BOSTON COLLEGE SUMMER SESSION 2019

## SUMMER SESSION 2019

Boston College Summer Session is open to anyone with a high-school diploma or the equivalent. Most Summer Session courses are at the undergraduate level, but some graduate courses in the Woods College of Advancing Studies Master's programs are offered during the summer. No application is required to enroll in BC Summer Session, except for students wishing to apply to a Woods College undergraduate or graduate program.

Boston College schedules **two six-week sessions** in the summer:

**Tuesday, May 14 through Thursday, June 20  
and  
Monday, June 24 through Friday, August 02**

There are no classes on **Monday, May 27 or Thursday and Friday July 4th and 5th.**

Most summer classes are three credits unless specifically noted in the course description. Most classes meet twice a week for 6 weeks; exceptions are noted in individual course descriptions in this catalog.

## SUMMER SESSION ADMINISTRATION

David Goodman, Interim Dean  
Neal Couture, Associate Dean Administration & Finance  
Diletta Masiello, Program Director, Boston College Summer Session  
Martin Menke, Interim Associate Dean Academic Affairs and Advising  
Claudia Pouravelis, Associate Dean Enrollment Management  
Anne Severo, Assistant Dean Financial Planning & Operations

## SUMMER SESSION GENERAL INFORMATION

Boston College reserves the right to change or withdraw course offerings if necessary, and alter fees and charges from those published in this catalog without prior notice.

## SUMMER REGISTRATION PROCEDURE

Summer 2019 registration opens on Wednesday, April 4. New students may register via the Summer Session website: <https://www.bc.edu/content/bc-web/sites/bc-summer/registration.html> or in-person in St. Mary's Hall South, Ground Floor, Monday through Thursday from 9:00 am to 7:00 pm, and Friday from 9:00 am to 3:00 pm. **Registration must be completed by the first day of class.** New students will receive a New Student Information Form, containing the student's assigned BC Eagle ID number and username, to allow them to access the BC Agora portal.

**Continuing Woods College students** may register online through the Agora portal.  
**Boston College Students (non-Woods College students)** should register for summer courses at Student Services in Lyons Hall anytime following their April advising/registration appointments.

Students who wish to **drop a summer course** must do so in the Summer Session Office in St. Mary's Hall South **before the second meeting of the class.**

## SUMMER TUITION, FEES AND PAYMENTS

All fees and tuition charges are due and payable in full at the time of registration. The 2019 rate is \$870 per credit for undergraduate and MS in Leadership and Administration courses. Science courses requiring a 1-credit lab will incur an additional 1 credit in tuition plus a lab fee of \$355\* (Physics) or \$350\* (Biology and Chemistry). Fee covers cost of laboratory materials.

Tuition for MS in Applied Economics, Cybersecurity Policy and Governance, and Sports Administration is \$1172 per credit.

2019 Course Audit Fee is \$1305 for Undergraduate courses. (Note - Information Technology courses are not open to auditors.) The mandatory registration fee is \$45. The mandatory fee for a BC Eagle ID card is \$45.

Boston College reserves the right to change or withdraw offerings if necessary and alter fees and charges from those published, without prior notice.

Payment may be made by **e-check or credit card.** **New students** will be activated in the BC system within 48 hours of registration, and may then pay via e-check or credit card through the Agora portal. **Continuing Woods College students** may pay through the Agora portal as soon as they have registered for summer courses.

## SUMMER WITHDRAWALS AND REFUNDS

Students wishing to **drop or withdraw from a summer course** must complete an official Drop/Withdrawal form in the Summer Session Office in St. Mary's Hall South, or send a written notification of withdrawal to the Summer Session Office. Tuition and laboratory fees are refundable; the registration fee is non-refundable. If a student **drops** a course in the Summer Session Office **before the second class meeting, no record is maintained and 100% tuition is refunded**; for students **withdrawing** after this, a grade of W is recorded on the student's transcript and no academic credit is granted, and there is no refund of tuition. All course withdrawals **must** be submitted to the Summer Session Office prior to the final scheduled class meeting.

Students **dropping a course** on or before the second scheduled class meeting will receive a **100% refund of tuition.** **There are no refunds for students withdrawing from a class after the second class meeting.**

An audit is considered a fee, and there is no refund for a student who withdraws from a course taken for audit. Students may not change a course registration from credit to audit status, or vice-versa.

Students are responsible for the tuition of all courses for which they have registered.

## SUMMER GRADES AND TRANSCRIPTS

**Final examinations** are held during the last scheduled meeting of the course. All course work, independent study, readings and research should be completed by the end of the summer. October 1, 2019 is the final date for instructors to change summer grades and incompletes. Faculty submit their summer grades directly online. Students may access their summer grades by using their BC username and password to log into the Agora portal. Students may request official transcripts of summer courses from the Student Services Office either in person at Lyons Hall, or via the Agora portal. Full information available at: [www.bc.edu/transcript](http://www.bc.edu/transcript)

\* Fees subject to change.

# SUMMER RESOURCES

## SUMMER RESIDENTIAL LIVING

Students attending classes between June 24 and August 2 may apply for on-campus housing. Housing is offered from June 22 through August 3 for this session. A staff thoroughly familiar with Boston College programs and resources is in residence and capable of responding to most of the students' needs.

Students are housed in air-conditioned apartments located on lower campus. Each apartment consists of two or three two-person bedrooms, living room, dining area, two bathrooms, and a modern kitchen. Furnishings in student rooms include a desk, study chair, chest of drawers, closet and bed for each resident. Students are responsible for bringing their own linen and for housekeeping within the room. Fans, clothes hangers, wastebaskets, and blankets are not provided. Residents are expected to leave the room in the same condition in which they found it, or they will be subject to damage or trash removal charges.

Kitchens are equipped with a sink, large refrigerator, stove, oven, dishwasher and disposal. Please note that microwaves, cooking utensils and dinnerware are not provided. Dining facilities are available on-campus throughout the summer.

Applications and other important information for summer housing will be made available online during the spring at [www.bc.edu/summerhousing](http://www.bc.edu/summerhousing). Space is limited and granted on a first come, first serve basis. No singles are available.

For complete information see:

[www.bc.edu/offices/reslife/summer/summer-housing-options.html](http://www.bc.edu/offices/reslife/summer/summer-housing-options.html)

## HOUSING APPLICATION PROCEDURE

A person desiring on-campus housing between June 22 and August 3 can apply online at [www.bc.edu/summerhousing](http://www.bc.edu/summerhousing) or may telephone (617) 552-4727. Housing applications should be submitted promptly to insure housing accommodations. Space is assigned on a first-come, first-serve basis.

## HEALTH SERVICES

The University Health Service Clinic is located in the 2150 Commonwealth Avenue building. It is open Monday through Thursday from 8:30 a.m. to 4:30 p.m.; Friday 9 a.m. to 3 p.m. The clinic provides emergency treatment of minor injuries or illness and willingly acts as liaison with community doctors for any help necessary which the clinic cannot provide. For routine care telephone (617) 552-3225; in an emergency telephone (617) 552-4444. Website: [www.bc.edu/healthservices](http://www.bc.edu/healthservices).

## THOMAS P. O'NEILL, JR. LIBRARY

O'Neill Library holds 1.4 million volumes of the Boston College Libraries research collections in a broad range of subjects reflecting the University's extensive curriculum. These include general reference materials, indexes, the circulating collections, media, government documents, and other research materials housed on the five floors of O'Neill Library and at three remote collection sites. Go to [www.bc.edu/libraries](http://www.bc.edu/libraries) to learn more about the vast array of resources available to you, and view maps of the O'Neill Library stacks to see more about what collections are located in the library.

## DINING FACILITIES

During the summer, on main campus, Dining has at least one location open for breakfast, two for lunch and one for dinner. Monday through Friday there is also a small café on the Brighton Campus as well as a minimart express option on the Newton Campus. Typically main campus locations are the Eagles Nest in McElroy Commons for middle campus and either Hillside Café or Corcoran Commons on lower campus. To see the most up-to-date hours of operation please visit their website at <http://www.bc.edu/dining> and click on hours.

For convenience in purchasing summer meals using your BC student ID, students may add a minimum deposit of \$20 to your Eagle One Card account via Agora. Any unused balance (over \$5) is fully refundable. For information on the differences between Dining Bucks and Eagle Bucks visit [www.bc.edu/content/bc/offices/id/eagles-one\\_accounts](http://www.bc.edu/content/bc/offices/id/eagles-one_accounts).

## CAMPUS RECREATION

Looking for a place to clear your head, work out and have fun this summer? Campus Recreation is at the heart of all athletic activities, recreation and socialization on campus. Our facility, the Margot Connell Recreation Center, includes a 10,000 square foot fitness center, air-conditioned spin studio, cardio room and group fitness studios, an indoor jogging track, basketball courts, volleyball courts, racquetball and squash courts, indoor and outdoor tennis courts, climbing wall, 8-lane, 25 yard pool with separate diving well, heated spa, changing room and saunas. We also have an outdoor patio with tables, chairs and lounge chairs for sunbathing.

BC Rec members enjoy unlimited access to our facilities as well as 30+ FREE group fitness classes a week, including: Spin, Cardio-Kickboxing, Yoga, Barre, Zumba, and Aqua Jogging. Members also receive discounts on all of our paid programs, including personal training, Masters Swim, private, semi-private and group tennis or swim lessons, and small group fitness classes.

Students may purchase a BC Rec summer membership for \$100. If you aren't ready to commit to a summer membership, there is a \$7 guest fee. To qualify for the student rates, a valid BC ID is required. To learn more about our summer membership options, programs and facilities, please visit us online at [www.bc.edu/rec](http://www.bc.edu/rec). To register for a summer membership or for more information, please contact our Member Services Office at (617) 552-0797.

## BOSTON COLLEGE ID

A Boston College ID is required to access facilities and services on campus. Boston College picture ID's are \$45 and are issued by the Student Services Office located in Lyons Hall 100. For more information go to [www.bc.edu/offices/id](http://www.bc.edu/offices/id).

## PARKING

All students parking on Boston College campuses are required to display a valid parking decal on their vehicle. Permits may be purchased for approximately \$310, and allow parking from 6 a.m. to 2 a.m. Options include daily, weekly and all summer. Any questions, please contact Transportation and Parking Services on [www.bc.edu/offices/transportation/parking](http://www.bc.edu/offices/transportation/parking) or the Office of Student Services at 617-552-3300 or visit [www.bc.edu/student-services](http://www.bc.edu/student-services).

# 2019 SUMMER UNDERGRADUATE COURSES

For any changes to course listings which were made after this catalog was printed, please consult the University's online **Course Information and Schedule**, accessible through the BC Agora portal, or at: <https://services.bc.edu/PublicCourseInfoSched/courseinfoschedHome!displayInput.action>

**Some course meet in the evening, some during the day.**

**NOTE CAREFULLY the DAYS, DATES and TIMES of the courses for which you wish to register.**

## ART AND ART HISTORY

### ARTH 110202 Art: Renaissance to Modern Times

This is the fundamental course for understanding the visual arts: painting, sculpture and architecture. The major monuments in the history of art will be discussed in their historical and cultural context beginning with the Renaissance in Europe down to the art of our own time. The emphasis will be on style and meaning in art. Class meets for two slide lectures per week. Assignments will include museum visits and study of significant works of art in Greater Boston.

June 24–July 31, M W, 9:00 a.m.–12:15 p.m.

Timothy Orwig

### ARTS 110105 Drawing I: Foundations

**This is a hybrid course, which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

The use of line, plane, and volume is explored to develop the student's comprehension of pictorial space and understanding of the formal properties inherent in picture making. Class work, critiques, and discussions will be used to expand the student's preconceived ideas about art. This course incorporates historical components and writing assignments. Lab fee required.

June 25–Aug 1, T TH, 2:00–5:15 p.m.

Brian Reeves

### ARTS 116301 Intro to Digital Photography

**This is a hybrid course, which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

Students will become familiar with how to create a photograph with a digital camera and how to use photographic techniques to control the look of an image. Students will develop good digital asset management practices by using Adobe Photoshop. This course introduces the fundamental principals of photography and its history for universal applications and is available to all majors. Students will need to have a DSLR that is at least 10 megapixels to take this course.

June 25–Aug 1, T TH, 2:00–5:15 p.m.

Greer Muldowney

### ARTS 225001 Intro to Digital Design

**This is a hybrid course, which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

This course is an immersive project-based introductory overview of concepts, contexts, tools, and techniques useful in solving a wide range of contemporary design problems, including logos, business cards, propaganda posters, multi-page documents, data visualizations, web page designs, app wireframes, and proposals for site-specific graphics. Beyond the necessary focus on software, including Adobe InDesign, Illustrator, and Photoshop, the course will incorporate discussion and application of typography, color theory and other 2D design concepts affecting how subject matter is perceived. Students will solve problems on behalf of themselves and choose one or more other clients whom they'll strive to serve.

May 14–June 20, T TH, 2:00–5:50 p.m.

Brian Reeves

### ARTS 227601 Art and Digital Technology

**This is a hybrid course, which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

This introductory course will offer students the opportunity to develop their visual imagination and their artistic skills through the use of digital technology. Adobe Photoshop and preliminary work with Illustrator will offer the principles of composition and two-dimensional design. Computer-aided drawing and design as well as photo imaging will be integral parts of the course. The various skills of graphic expression learned in the course will have an Internet application.

May 15–June 19, M W, 2:00–5:15 p.m.

Greer Muldowney

**No Class on Monday May 20, Commencement Day**

## BIOLOGY

### BIOL 130001 Anatomy and Physiology I

*Corequisite: BIOL 1310*

This course lays the foundation for the understanding of human anatomy and physiology. The first portion of the course covers cellular and molecular aspects of eukaryotic cell function: basic chemistry, macromolecules, cell structure, membrane transport, metabolism, gene expression, cell cycle control, and genetics. It continues with the study of several organ systems, beginning with the Integument, which is followed by the Skeletal and Muscular Systems, and ending this first section with the Nervous System. The cellular and molecular basis for the functions of these systems is an integral element of this portion of the course. Does not satisfy Natural Science Core Requirement for BC students. Course is intended for Nursing/Allied Health Professions students. BC biology majors/premed students must obtain department approval before taking this course.

May 14–May 30, M T W TH, 11:00 a.m.–2:00 p.m.

Lisa Nelson

**No Class on Monday May 20, Commencement Day**

### BIOL 131001 Anatomy and Physiology Lab I

*Corequisite: BIOL 1300.* Lab fee required.

Laboratory exercises intended to familiarize students with the various structures and principles discussed in BIOL 1300 through the use of anatomical models, physiological experiments, and limited dissection.

May 14–May 30, M T W TH, 8:30–10:30

Jeremy Eberhard

**No Class on Monday May 20, Commencement Day**

### BIOL 132001 Anatomy and Physiology II

*Corequisite: BIOL 1330*

The second portion of this introductory course is a continuation of BIOL 1300/1310, with a primary emphasis on the physiology of the major body systems. Systems studied in this course include the sensory, endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive systems. While the physiological functions under normal conditions are emphasized, relevant disease or dysfunctional conditions are also discussed. Does not satisfy Natural Science Core Requirement for BC students.

This course is intended for Nursing/Allied Health Professions students. BC biology majors/premed students must obtain department approval before taking this course.

June 3–June 20, M T W TH, 11:00 a.m.–2:00 p.m.

Lisa Nelson



## 2019 Summer Undergraduate Courses

### BIOL 133001 Anatomy and Physiology Lab II

*Corequisite: BIOL 1320.* Lab fee required.

A continuation of BIOL 1310.

June 3–June 20, M T W TH, 8:30-10:30 a.m.

Jeremy Eberhard

### BIOL 148001 Pathogens and Plagues

Much of biological discovery has been centered around human disease and our quest for health and longevity. From the earliest observations regarding the human body, to the discovery of germs and the eventual technology guiding current treatments, human beings have sought to understand the physiological and cellular parameters associated with health. This course will examine human disease and epidemics through the lens of pathogens, society and environmental influence. Students will learn basic concepts of cell structure, genetics, and evolution in the context of infectious diseases such as The Black Death, Tuberculosis, Influenza and AIDS. Satisfies BC Natural Science core.

May 14–May 30, M T W TH, 9:00 a.m.-12:15 p.m.

Kathy Dunn

**No Class on Monday May 20, Commencement Day**

### CANCELLED - BIOL 215001 Pathophysiology

Students should have completed courses in human anatomy, physiology or the equivalent. Course provides an intermediate study of human pathological processes and their effects on homeostasis. Emphasis is on interrelationships among organ systems in deviations from homeostasis and the cellular compensatory mechanisms the body employs to maintain health. Students will learn the mechanisms of pathogenesis at the molecular, cellular, organ and system level in practical contexts, participating in discussions and presentations using cases studies relating pathophysiological mechanisms to a wide spectrum of signs and symptoms. Students completing this course should be able to demonstrate an understanding of the pathology affecting the nervous, cardiovascular, respiratory, renal, & digestive systems.

CANCELLED - May 14–June 20, T TH, 6:30-9:30 p.m.

Lynn DiBenedetto

### BIOL 220001 Microbiology for Health Professionals

*Prerequisite: Anatomy and Physiology I and II.*

*Corequisite: BIOL 2210*

This course is a study of the basic physiological and biochemical activities of bacteria and viruses. Emphasis will be on virulence factors and the mechanism by which a variety of microorganisms and viruses establish an infection. The use of anti-viral drugs and antibiotics, the host immune response to microbial infection, and the effectiveness of various vaccination strategies will also be discussed. Does not satisfy Natural Science Core Requirement for BC students.

June 24–July 11, M T W TH, 8:30-11:30 a.m.

Andrea Kirmaier

### BIOL 221001 Microbiology for Health Professionals Laboratory

*Corequisite: BIOL 2200.* Lab fee required.

Exercises in this laboratory course deal with aseptic techniques, microbial cultivation and growth characteristics, staining and bacterial isolation techniques, differential biochemical tests, identification of unknown bacterial species, and testing effectiveness of antimicrobial agents.

June 24–July 11, M T W TH, 12:00-2:00 p.m.

Claudia Kale

### BIOL 230001 Biostatistics

This course will introduce students to the basic statistical techniques that are used in conducting biological and medical research. There is an emphasis on the investigation of real biological data, and students will learn to conduct analyses using the open-source software R. The course is divided into four main parts: (1) introduction to statistics, probability, and hypothesis testing; (2) analyzing proportions and frequencies; (3) comparing numerical values, and (4) regression and correlation.

June 25–August 1, T TH, 1:00-4:00 p.m.

Jeff DaCosta

### BIOL 303001 Intro to Physiology

This course will offer a comprehensive exploration of fundamental life systems with a primary emphasis on human physiology. The chemical and physical processes common to all living organisms, including hemodynamics, respiration, circulation, acid/base regulation, synaptic transmission, kidney and muscle function will be discussed. Also included are related topics on development of the organism and functional aspects of the immune system in host defense strategies.

May 15–June 19, M W, 9:00 a.m.-12:15 p.m.

Christopher P. Kenaley

**No Class on Monday May 20, Commencement Day**

### BIOL 304001 Cell Biology

Course is designed to provide students with a strong foundation in the molecular biology of the cell. Topics covered in the course include cellular biochemistry, regulation of gene expression, subcellular organization, regulation of the cell cycle, membrane trafficking, cell-substrate interactions, cytoskeleton, cancer, and cell signaling. It serves as excellent preparation for more advanced courses in cell biology, molecular biology, developmental biology, and genetics.

May 15–June 19, M W, 9:00 a.m.-12:15 p.m.

David R. Burgess

**No Class on Monday May 20, Commencement Day**

### BIOL 305001 Genetics

Classical and modern genetics: transmission genetics, genotype-phenotype relationships, genetic variation and gene mapping, DNA sequencing, genomic approaches in modern genetics, topics in human genetics.

May 15–June 19, M W, 12:00-3:15 p.m.

Rebecca K. Dunn

**No Class on Monday May 20, Commencement Day**

## CHEMISTRY

### CHEM 101101 General Chemistry I (Summer)

Students are introduced to fundamental principles of chemistry including atomic and molecular structure, quantitative relationships, thermodynamics, kinetics, equilibrium and acid/base properties. This course is intended for students with an interest in science or medicine.

June 17–July 8, M T W TH F, 8:30-11:15 a.m.

William Griffin

NOTE-MON JULY 8 CHEM 1011 ends, CHEM 1014 begins

### CHEM 101301 General Chemistry Laboratory I (Summer) Lab fee required.

Experiments in this course reflect and apply the principles learned in the lecture course. Students will be introduced to techniques and procedures commonly used in chemistry labs and develop skills for acquiring and analyzing data.

June 17–July 3, M T W TH, 11:45 a.m.-2:45 p.m.

William Griffin

### CHEM 101201 General Chemistry II (Summer)

Students are introduced to fundamental principles of chemistry including atomic and molecular structure, quantitative relationships, thermodynamics, kinetics, equilibrium and acid/base properties. This course is intended for students with an interest in science or medicine.

July 9–Aug 2, T W F M (no TH), 8:30-11:15 a.m.

William Griffin

### CHEM 101401 General Chemistry Laboratory II (Summer) Lab fee required.

Experiments in this course reflect and apply the principles learned in the lecture course. Students will be introduced to techniques and procedures commonly used in chemistry labs and develop skills for acquiring and analyzing data.

July 8–July 31, M T W (no TH), 11:45 a.m.-2:45 p.m.

William Griffin (\* Lab begins one day before lecture)

NOTE-MON JULY 8 CHEM 1011 ends, CHEM 1014 begins

**CHEM 201101 Organic Chemistry I (Summer)**

This course provides an introduction to the properties and applications of organic molecules and reactions. An understanding of the relationship between molecular structure and function with an emphasis on mechanistic principles is emphasized. This course is intended for students with an interest in science or medicine.

June 10–July 3, M T TH F, 9:30-12 noon

Karen Atkinson

**CHEM 201301 Organic Chemistry Laboratory I (Summer)** Lab fee required.

Students will acquire fundamental organic separation and purification techniques. Reactions that are studied in class will be performed in the laboratory. Compounds are analyzed using a variety of methods including spectroscopy.

June 10–July 2, M T TH, 12:30-4:30 p.m.

Karen Atkinson

**CHEM 201201 Organic Chemistry II (Summer)**

This course provides an introduction to the properties and applications of organic molecules and reactions. An understanding of the relationship between molecular structure and function with an emphasis on mechanistic principles is emphasized. This course is intended for students with an interest in science or medicine.

July 8–Aug 2, M T TH F, 9:30-12 noon

Karen Atkinson

**CHEM 201401 Organic Chemistry Laboratory II (Summer)**

Students will acquire fundamental organic separation and purification techniques. Reactions that are studied in class will be performed in the laboratory. Compounds are analyzed using a variety of methods including spectroscopy. Lab fee required.

July 8–Aug 1, M T TH 12:30-4:30 p.m.

Karen Atkinson

**CHEM 335101 Analytical Chemistry**

Corequisite: CHEM 3353

Designed primarily for sophomore and junior students, this course is an introduction to the principles and practice of analytical chemistry, including the statistical analysis of data and widely-used chemical methods and instrumental approaches such as chromatography, spectrophotometry, and electrochemistry. In the laboratory, the aims are for students to develop good analytical technique and to acquire accurate, precise data.

May 29–July 1, M W TH F, 4:00-6:00 p.m.

Kenneth Metz

**CHEM 335301 Analytical Chemistry Laboratory**

Corequisite: CHEM 3351 Lab fee required.

Laboratory required of all students enrolled in CHEM3351.

May 29–June 24, M W F, 11:00 a.m.-3:00 p.m.

Kenneth Metz

## COMMUNICATION

**COMM 1030 Public Speaking**

This course is an introduction to the theory, composition, delivery, and criticism of speeches. Attention is devoted to the four key elements of the speech situation: message, speaker, audience, and occasion. Emphasis in the course is also given to different modes of speaking and a variety of speech types, such as persuasive, ceremonial, and expository addresses. This is a performance course.

COMM 1030 **01** May 14–June 20, T TH, 6:00-9:15 p.m.

Ali E. Erol

COMM 1030 **02** May 15–June 19, M W, 6:00-9:15 p.m.

Rita Rosenthal

COMM 1030 **03** June 25–Aug 1, T TH, 6:00-9:15 p.m.

Joyce Lindmark

**COMM 2210 Broadcast and Digital Communication**

This course introduces the student to a broad sampling of broadcast and digital writing styles utilized across many industry platforms. Areas of focus include news, sports, documentaries, commercials, public service announcements, educational television, and writing for specialized audiences. The theories, ethics and practices of this genre of communication will be introduced as well as interview methods and techniques. Case studies and practical assignments complement classroom discussions. Instructor is an industry veteran with expertise in how to apply classroom theory to practice.

COMM 2210 **01** May 15–June 19, M W, 6:00-9:15 p.m.

Christine Caswell

COMM 2210 **02** June 24–July 31, M W, 6:00-9:15 p.m.

Christine Caswell

**COMM 227801 Social Media**

This course examines the cultural, economic and political aspects of emerging computer-mediated communication technologies known as “social media,” including Facebook, Twitter, YouTube, Instagram and more. Students will critically interrogate the impact of social media on relationships, identity, social/political movements, branding/marketing, and everyday practices. Course will also cover practical social media skills with assignments and activities involving hands-on experience using social media technologies to create and distribute content.

May 14–June 20, T TH, 6:00-9:15 p.m.

Marcus Breen

**COMM 230801 Entertainment Media**

Focuses on the study of entertainment media from historical, critical and practical perspectives. Topics include film history, broadcast history, video games, screenwriting, the Internet, and sports media. Projects include film reviews, short screenplays and analyses of how television networks make business decisions. In addition to lectures and screenings, the class includes a variety of practical exercises and guest speakers from across the entertainment industries.

May 15–June 19, M W, 6:00-9:15 p.m.

Matt Sienkiewicz

**COMM 444901 Crisis Communication**

This course is designed to examine events and situations that potentially threaten the viability of an organization. Attention is devoted to developing an effective crisis communication plan, speaking to multiple stakeholders, decision-making under pressure, and resolving—rather than litigating—organizational problems. Among the studies examined are the Tylenol product tampering incident, the Exxon Valdez accident, the Union Carbide gas leak, the Challenger Space Shuttle disaster, the Three Mile Island accident, and the Pepsi syringe hoax.

June 24–July 31, M W, 6:00-9:15 p.m.

Donald Fishman

## CORPORATE SYSTEMS

**ADSY 114001 Research: Techniques and Processes**

**This is a hybrid course, which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information. Tuesdays class sessions will meet in person, Thursday class sessions will be conducted online.**

This course examines the logic of research design and explores how data are approached, collected and analyzed in an interactive information age. Practical applications across disciplines introduce both the electronic and traditional tools and techniques necessary to interpret and utilize findings. Cases and presentations prepare students to analyze, evaluate and challenge specific applications and to suggest alternative interpretations. Online databases, the WWW and the internet expand options.

May 14–June 20, T TH, 6:00-9:15 p.m., Neal Couture

## CRIMINAL JUSTICE

### ADCJ 100101 Introduction to Criminology

This course provides an introduction to the study of crime, deviance, and the criminal justice system. Specifically, this course is a survey of the causes and effects of criminality (sociological, psychological, biological, etc.) and the means taken to cope with criminal behavior. Emphasis is placed on the social context of crime, including examination of how different types of crimes relate to theory. Finally, the course will look ahead into the future of criminal theory.

May 14–June 20, T TH, 6:00-9:15 p.m.

William Evans

## EARTH AND ENVIRONMENTAL SCIENCES

### EESC 114001 Our Mobile Earth

This course will provide you with an introduction to the structure of Earth and the dynamic processes that continuously shape and remodel its surface. During class, we will discuss the formation and evolution of the oceans and continents within the framework of the modern theory of plate tectonics. The locations, causes and effects of earthquakes and volcanoes are presented. The dynamics within Earth which drive the tectonic plates are outlined.

May 14–June 20, T TH, 9:30 a.m.-12:45 p.m.

Suzanne O'Brien

### EESC 116301 Environmental Issues and Resources

**This is a hybrid course, which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

Course includes three themes: (1) Intro to Environmental Geology, (2) How to write well and how to write field trip reports, (3) How to use Google Earth to understand Earth Materials and Processes. Learn about the major processes at work inside and on the surface of the earth. Learn to be a careful observer and to write succinct field trip reports, through two field trips and the writing of a field trip report. Each class is designed to examine the facts, historical background, and through in-class exercises, homework and field trips, provide experience in analyzing and solving real-world problems associated with environmental issues, resources and sustainability. Demonstrations, videos, readings and several field trips underscore important concepts and applications and the importance of careful observation. Online Google Earth exercises, done remotely, will introduce the power of this geographic application to understanding geology.

June 25–Aug 1, T TH, 6:00-9:15 p.m.

Kenneth Galli

### CANCELLED - ENVS 332101 Building Sustainable Communities - Detroit and Boston

**"Domestic Study" course - takes place on-site IN DETROIT and IN BOSTON and also online before and after the trip.**

This course will investigate contemporary urban environments through the eyes of urban farmers and community innovators who are building more equitable communities and sustainable relationships with the land. Fieldwork, class discussions, environmental media, and workshops with community partners will facilitate our engagement with sustainability narratives and practices. Course themes include the urban planning and racial politics, challenges and opportunities of deindustrialization, the environmental justice movement, youth education, organizational development, and community-based urban transformation.

In order to explore possibilities of sustainable communities in a variety of social and urban contexts, this hybrid course includes one week of fieldwork in Boston, one week of fieldwork in Detroit, and online components. Fieldwork experiences in Boston and Detroit will give students an on-the-ground perspective of urban agriculture, environmental justice, and sustainability practices that are shaping cities

around the world. Guest lecturers, field placements, and site visits with organizations that are closest to urban sustainability problems and solutions will compliment classroom instruction.

May 21-June 21, both ONSITE and online:

May 21 - May 27 Online

May 28 - June 3 On-site in Boston

June 4 - June 11 On-site in Detroit

June 12 - June 21 Online

Mike Cermak and Matt DelSesto

## ECONOMICS

### ECON 1131 Principles of Economics I — Micro

This course is an analysis of prices, output, and income distribution through the interaction of households and business firms in a modern Western economy. The appropriate role of government intervention is examined, and basic analytical tools are applied to current economic problems.

ECON 1131 01 May 14–June 20, T TH, 6:00-9:15 p.m.

Priyanka Sarda

**ECON 1131 02 ONLINE, July 1–Aug 16, NOTE DATES, 7 WEEKS. SECTION 02 - FULLY ONLINE -**

**Asynchronous. No days/times specified; students must participate weekly per all instructions and communications from the professor, must adhere to course schedule, and submit all course work on time. Sasha Tomic**

### ECON 1132 Principles of Economics II — Macro

This course is an analysis of national income and employment, economic fluctuations, monetary and fiscal policy, inflation, growth, and international aspects of macroeconomic policy.

ECON 1132 01 June 24–July 31, M W, 6:00-9:15 p.m.

**SECTION 01 is HYBRID which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page and on the Summer Session website for more detailed information.**

Priyanka Sarda

**ECON 1132 02 ONLINE, May 14–June 28, NOTE DATES, 7 WEEKS. SECTION 02 - FULLY ONLINE -**

**Asynchronous. No days/times specified; students must participate weekly per all instructions and communications from the professor, must adhere to course schedule, and submit all course work on time. Sasha Tomic**

### ECON 333801 Law and Economics

Course utilizes microeconomic analysis to evaluate the performance of legal institutions with particular attention to the issue of economic efficiency. We focus on questions in the common law fields of property, torts, and contracts (and in the theory and practice of criminal law if time permits).

May 15–June 19, M W, 6:00-9:15 p.m.

Robert Pritchard

### ECON 336101 Monetary Theory and Policy

*Prerequisite: Macroeconomic Theory*

An analysis of the operation and behavior of financial markets and financial institutions. Emphasis is placed on financial intermediaries, including commercial banks and the central bank. The money supply process and alternative theories of the demand for money are considered, as well as their implications for monetary policy and macroeconomic performance.

June 24–July 31, M W, 6:30–9:45 p.m. (note times),

Hossein S. Kazemi

### ECON 336501 Public Finance

*Prerequisite: Microeconomic Theory*

This is a course in the microeconomics of the public sector. We will discuss the rationale for the government's role in a market economy, major expenditure programs, and the theory and structure of the tax system. The focus will be on the federal (as opposed to state and local) government's expenditure and tax programs, with special attention given to topics of current concern.

May 15–June 19, M W, 6:00-9:15 p.m., Mark Kasarosian



## EDUCATION AND APPLIED PSYCHOLOGY

### EDUC 330801 Bilingualism in Schools and Communities

The goal of this course is to prepare students to participate in increasingly multilingual and multicultural environments in order to better serve bilingual students, families, and communities. Building on theory, research, and practice from the fields of bilingualism, second language acquisition, and education, students will learn about the process of language and literacy development in children and adolescents who are exposed to more than one language, and the social and cultural contexts in which this development occurs. Through the use of case studies and school profiles, students will deepen their understanding of issues in bilingualism and bilingual education.

June 25–Aug 1, T TH, 5:30-8:45 p.m.

Jasmine Alvarado

### APSY 224201 Interpersonal Relations

Provides an opportunity to learn a developmental and systems perspective on the nature of family and interpersonal relations. Examines both the nature of interpersonal relations and some of the conditions in contemporary life that are shaping the quality of these relationships. Gives particular emphasis to understanding the self, family life, emotions, and conflicts in field research. Views the concept of interpersonal relations from historical, multicultural, gender, and developmental perspectives.

May 14–Jun 20, T Th, 1:30 p.m.-4:45 p.m.

Ellen Gutowski

### CANCELLED - APSY 215201 Applied Psychology Practicum

Applied Psychology Practicum (APSY2152) is a course-based, credit-bearing experience that allows students to (1) develop experience at a professional work setting reflecting the student's main area or vocational orientation with supervision by faculty and, (2) develop professionally and practice work related skills. Students reflect on their internship experience in order to identify and assess their growth in skills and experience, gain a broader appreciation of the discipline and enhance their discernment process and sense of civic responsibility.

CANCELLED - May 14–Jun 20, T Th, 5:30 p.m.-8:45p.m.

Selva Lewin-Bizan

### APSY 324401 Adult Psychology

Explores theories and research on development across early, middle, and late adulthood and offers numerous opportunities for reflection on one's own development as an adult. Also provides insights into application of adult psychology to real life situations and is especially helpful to those who wish to work with adult populations.

June 25–Aug 1, T Th, 1:30 p.m.-4:45 p.m.

Selvia Lewin-Bizan

### CANCELLED - APSY 332001 Building Sustainable Communities - Detroit and Boston

"Domestic Study" course - takes place on-site IN DETROIT and IN BOSTON and also online before and after the trip. This course will investigate contemporary urban environments through the eyes of urban farmers and community innovators who are building more equitable communities and sustainable relationships with the land. Fieldwork, class discussions, environmental media, and workshops with community partners will facilitate our engagement with sustainability narratives and practices. Course themes include the urban planning and racial politics, challenges and opportunities of deindustrialization, the environmental justice movement, youth education, organizational development, and community-based urban transformation.

In order to explore possibilities of sustainable communities in a variety of social and urban contexts, this hybrid course includes one week of fieldwork in Boston, one week of fieldwork in Detroit, and online components. Fieldwork experiences in Boston and Detroit will give students an on-the-ground perspective of urban agriculture, environmental

justice, and sustainability practices that are shaping cities around the world. Guest lecturers, field placements, and site visits with organizations that are closest to urban sustainability problems and solutions will compliment classroom instruction.

CANCELLEDd

May 21-June 21, both ONSITE and online:

May 21 - May 27 Online

May 28 - June 3 On-site in Boston

June 4 - June 11 On-site in Detroit

June 12 - June 21 Online

Mike Cermak and Matt DelSesto

## ENGLISH WRITING

### ENGL 1010 First Year Writing Seminar

Designed as a workshop in which each student develops a portfolio of personal and academic writing, the seminar follows a course-long process. Students write and rewrite essays continuously, discuss their works-in-progress in class, and receive feedback. Students read a wide range of texts, including various forms of non-fiction prose. The class will discuss the writing process, the relationship between reading and writing, conventional and innovative ways of doing research, and evolving drafts of class members.

ENGL 1010 01 May 14–June 20, T TH, 1:00-4:15 p.m.

Kelsey Norwood

ENGL 1010 02 June 24–July 31, M W, 6:00-9:15 p.m.

Thomas Kaplan-Maxfield

### ENGL 2221 Introduction to Creative Writing

You have a story to tell, but don't know how to go about telling it. You see something that moves you and you want to convey it in writing but can't find the words. In this course you will work to find voice for these ideas and impressions. Students will read from a variety of texts—poetry, short fiction, memoir—to find the best way to express what they have to say. We'll spend class time on writing prompts and exercises, discussion of assigned reading, and the workshoping of student texts, in both small and whole class groups. The readings for class will include *The Best American Poetry* (2018), Steve Almond's short fiction collection *My Life in Heavy Metal*, and selected other short fiction and essays. The end product will be a finished, bound portfolio of writing. Attendance is mandatory for all classes and we will also try to meet in individual conferences to discuss your progress and ideas.

May 15–June 19, M W, 6:00-9:15 p.m.

Susan Roberts

## LITERATURE

### ENGL 1080 Literature Core

#### ENGL 1080 01 Literature Core: Marginal in America

In this course we will examine a range of texts for their depiction of life on the margins or the peripheries of American society. One emphasis in our reading will be to distinguish between the many stages and states of marginality, i.e., between visible and invisible marginality, permanent and transitory, voluntary and involuntary. Therefore, the marginal experiences we will encounter include that of the Native American, the urban working-class, the African American, the first generation European immigrant, the regionalist voice, the "New" woman, the social anarchist, among others. Marginality, in other words, will be encountered in terms of class, race, gender, ethnicity and geography, and, in many cases, these conditions will overlap.

May 14–June 20, T TH, 9:00 a.m.-12:15 p.m.

James Smith

## 2019 Summer Undergraduate Courses

### ENGL 1080 02 Literature Core

Students explore the principal motives which prompt people to read literature: to assemble and assess the shape and values of one's own culture, to discover alternative ways of looking at the world, to gain insight into issues of permanent human importance as well as issues of contemporary urgency, and to enjoy the linguistic and formal satisfactions of literary art. The course will strive to develop the student's capacity to read and write with clarity and engagement, to allow for that dialogue between the past and present we call history, and to provide an introduction to literary genres.

*June 25–Aug 1, T TH, 1:00-4:15 p.m.*

*Kelsey Norwood*

**SECTION 02 is HYBRID which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

### ENGL 214301 American Literary History III

This course provides an introductory overview of literature written in the United States from World War I to the early 21st century. We will look at the ways writers of this period have experimented idiosyncratically and in dialogue with one another as modernism turned postmodern, as canons collided and collapsed, as movies and music albums, as well as graphic literature displaced some of literature's more traditional forms. The course is largely conversational, but structurally supported with student oral presentations. Required texts may include fiction by William Faulkner, Willa Cather, Toni Morrison, Maxine Hong Kingston, Sherman Alexie, and Junot Diaz; graphic literature by Art Spiegelman and Thi Bui. Requirements for the course include an oral presentation, two critical essays, two section exams, and a final exam.

*June 25–Aug 1, T TH, 6:00-9:15 p.m.*

*Lorenzo A. Puente*

## FILM

### FILM 227901 Social Issues in Literature and Film

This course will examine the effective use of the visual image to portray social issues of the twentieth and twenty-first centuries. Topics such as the inequalities of race, gender, and religion will be the focus. Written accounts (short stories and newspaper articles) will offer further interpretations of these subjects.

*June 24–July 31, M W, 6:00-9:15 p.m.*

*John Michalczyk and Susan Michalczyk*

### FILM 228301 History of European Cinema

This course is designed to give an overview of several European film movements treated chronologically. Films, readings, discussions and critiques/papers will help develop a critical awareness in students of the film process as well as the content of these movements with contemporary parallels. The movements themselves will be situated in their historical and socio-political context.

*May 15–June 19, M W, 6:00-9:15 p.m.*

*John Michalczyk and Susan Michalczyk*

## FINANCE

### MFIN 102201 Fundamentals of Finance

This course covers how to value things that cost money and provide value in return (e.g. stocks, bonds, projects, mortgage payments) and is a useful introduction to finance thought. We will look at the interpretation of financial statements, the time value of money and how it applies to security valuation and capital budgeting. We will also examine the risk/return trade-off and the efficient markets hypothesis, as well as the cost of capital, capital structure, working capital management and touch on international finance.

*May 15–June 19, M W, 6:00-9:15 p.m.*

*Yu Wang and Xiaolin Zhang*

### MFIN 115201 Fundamentals of Investments

This course is an introduction to capital markets, portfolio theory and financial instruments. In the first part, we will focus on central topics of capital markets and portfolio theory, such as the role of capital markets, diversification, efficient portfolios, asset pricing models, and market efficiency. In the second part, we will focus on financial instruments, such as equities, bonds, derivatives, and funds with advanced valuation techniques.

*June 24–July 31, M W, 6:00-9:15 p.m.*

*Mathias Hasler and Harshit Rajaiya*

### MFIN 221101 Fundamentals of Private Venture Financing

An introductory course addressing the fundamentals of venture capital, private equity, and entrepreneurial finance. The private company funding ecosystem and its participants will be explored, including consideration of types of companies where this funding would be appropriate, alternative valuation techniques, identifying funding requirements and amounts, fundraising, methods of company selection for investment, company governance, portfolio considerations, and exits.

*June 25–Aug 1, T TH, 6:00-9:15 p.m.*

*David Aldama-Navarrete and Jordan Bulka*

## HISTORY

### HIST 1027 Modern History I

This course covers several centuries of time and traces the political, social, economic, and cultural changes that created the modern world. Depending on the expertise of the instructor, different parts of the world may serve as focal points for examining the complex historical processes behind modern-day transnational relationships, values, and ideas. As part of the Core Curriculum, this course seeks to broaden students' intellectual horizons by exposing them to new places, periods, and perspectives.

**Section 01 - May 14–June 28, NOTE DATES - 7 WEEKS**

**Section 02 - May 14–June 28, NOTE DATES - 7 WEEKS**

**BOTH SECTIONS HAVE THE SAME PROFESSOR AND THE SAME START & END DATES. BOTH ARE FULLY ONLINE - Asynchronous. No days/times specified; students must participate weekly per all instructions and communications from the professor, must adhere to course schedule, and submit all course work on time.**

*Martin Menke*

### HIST 102801 Modern History II

This course covers several centuries of time (1800 and after) and traces the political, social, economic, and cultural changes that created the modern world. Depending on the expertise of the instructor, different parts of the world may serve as focal points for examining the complex historical processes behind modern-day transnational relationships, values, and ideas. As part of the Core Curriculum, this course seeks to broaden students' intellectual horizons by exposing them to new places, periods, and perspectives.

*June 24–July 31, M W, 6:00-9:15 p.m.*

*Nicholas Quadri*

### HIST 108101 Modern History I

This course is the first half of the BC History Core. It covers several centuries of time, beginning with the late Medieval period and ending with the Enlightenment. It traces the political, social, economic, and cultural changes that were instrumental in creating the modern world. Depending on the expertise of the instructor, different parts of the world may serve as focal points for examining the complex historical processes behind modern-day transnational relationships, values, and ideas.

*May 14–June 20, T TH, 9:00 a.m.-12:15 p.m.*

*David Sessions*

**HIST 108201 Modern History II**

**This is a hybrid course, which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

This is the second half of the BC History Core. Particular emphasis is placed on political, diplomatic, and cultural factors. Social, economic, and religious aspects are also covered. This course will cover the period from the Enlightenment to the present.

June 25–Aug 1, T TH, 9:00 a.m.-12:15 p.m.  
David Sessions

**HIST 111701 Atlantic Worlds, 1500-1800**

In this course, students examine the significance of developing global relationships, interdependencies, and tensions within and between societies in the Atlantic World between 1500 and 1800. The focus is on responses to religious, economic, and political changes in an increasingly diverse and "dis-integrated" world orders of Western Europe, West Africa, and the Americas. As the "known worlds" of the Atlantic expanded, resisted, and attempted to accommodate changes brought about through religion, rights, and revolution over this 300 year period, our tasks are to examine what happened, why they may have happened, and how these changes were significant both then and now.

June 25–Aug 1, T TH, 6:00-9:15 p.m.  
Karen Miller

**HIST 111801 Atlantic Worlds, 1800-Present**

This course will focus on the effects of rapid technological and economic development upon European and Atlantic society and politics. The readings and lectures will explore the dilemmas that industrial civilization created and the various responses to these problems. Our goal is to gain a better understanding of how these forces transformed "traditional" society into our "modern" world. Satisfies Core requirement for BC students for History II.

May 14–June 20, T TH, 6:00-9:15 p.m.  
Colin Notis-McConarty

**HIST 287301 The Modern Presidency, 1932-2018**

This course examines the single most important position of power in our political system, the men who shaped it, and the elections that placed them in that office. The main focus is on the twentieth century.

June 24–July 31, M W, 9:00 a.m.-12:15 p.m.  
Alex Bloom

**HIST 288201 Renaissances and Reformations**

This course will examine the period roughly from the 12th-century through the 17th century. Specifically, it will explore the developments of the 12th-Century Renaissance, the Italian Renaissance, the Protestant Reformation, and the Catholic Reformation. Furthermore, it will approach these historical moments both from "above" and "below," considering both how governments and church authorities participated in these monumental changes as well as the way that these moments shaped, and were shaped, by more "ordinary" individuals in society.

May 14–June 20, T TH, 6:00-9:15 p.m.  
Andrea Wenz

**INFORMATION SYSTEMS****ISYS 216001 Swift/iOS Boot Camp - Dublin, Ireland: Coding in Another Country**

Learn to program using Swift for iOS Development. The course assumes no prior knowledge, other than familiarity with Mac computers. It will be fast-paced and require regular, dedicated work. Course content will be delivered via video streaming and an online textbook, which students will use to follow along and build apps each school day (students can actually start this work in advance, or will complete it during evening assignments). The course will meet each day, Monday-Thursday, and attendance is required. Students and professor will work together on exercises solidifying concepts, completing hands-on programming

exams, and via open Q&A time. Students will build a series of apps in the course, culminating in a Yelp-like social app. Students will also develop a final project, to be presented on the last class day in Dublin, as part of a Student App Showcase. The course will take place at Boston College Ireland (BCI), in the heart of Dublin city and will be taught by Prof. John Gallaugh of the Carroll School of Management Information Systems Department. Application deadline 4:40 PM on March 15, 2019. Preference given to BC students.

June 8 - June 29, M T W Th, 9:00 a.m.-2:00 p.m.  
John Gallaugh

**ADIT 130001 Coding Boot Camp**

During this two-week summer coding boot camp (*which is followed by self-paced online exercises to be completed at your own pace, on your own schedule, through the end of June*) students are taught the fundamentals of coding using HTML, the markup language that every Web site and many mobile phone apps are built with, and the industry-standard JavaScript programming language. Designed specifically for individuals who have never programmed before (or have very little prior experience), this camp teaches participants how to create their own Web sites from scratch and how to bring them to life with JavaScript. No auditors.

June 10–June 21, FACE-to-FACE, M T W TH F, 1:00-4:00 p.m.

June 22–July 29, ONLINE homework (self-paced and on your own schedule)

Aaron Walsh and Barbara Mikolajczak

**ADIT 134101 Social Media: To The Web and Beyond**

This course addresses current and forthcoming Social Media technologies, Web sites, software programs and mobile apps (iPhone and Android apps) with a special focus on privacy and security. Rich and interactive forms of communication, collaboration, and socialization are the heart of Social Media, but come at a price: privacy breaches, identity theft, cyber-stalkers, and "online addictions" are among the many issues that we must grapple with. In this unique course students learn how to harness the power of Social Media while protecting themselves and guarding their privacy. Technologies covered in this course include Social Networking (Facebook, Google+, LinkedIn, Tinder, Snapchat, etc.); video and photo sharing (YouTube, Vimeo, Twitch, Instagram, Imgur, etc.); video games and virtual worlds (Minecraft, World of Warcraft, League of Legends, Second Life, etc.), as well as a forthcoming generation of Social Media technologies. No auditors.

ONLINE June 25–Aug 1, T TH, 6:00-9:15 p.m.

Barbara Mikolajczak

**MEETS ONLINE ON TUESDAYS AND THURSDAYS**

**FULLY ONLINE Synchronous - Day and time are specific; students must participate weekly per all communications and instructions from the professor, must adhere to course schedule, and submit all course work on time.**

**JOURNALISM****ADJO 334901 Politics and the Media: Power and Influence**

**This is a hybrid course, which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

An analysis of mass media's impact on the workings of the American system. The media's interaction and influence on political institutions, on the presidential selection process, on national and international events, on office holders, politicians, heads of state and the treatment of economic upheaval and violence are analyzed. The course also considers the media's role in the coverage of war, especially in a terrorist world.

May 15–June 19, M W, 6:00-9:15 p.m.

Marie Natoli



# LANGUAGES AND LITERATURE

## FOREIGN LITERATURE IN ENGLISH

### RLRL 102001 The Immigrant in Film and Literature (All in English)

The experiences of the displaced, the exile and the immigrant have inspired great literature and cinema in the Spanish speaking world. This course will delve into a variety of narratives about the perilous journeys of Central Americans and Mexicans making their way to the North, the terrifying voyages of the brave and desperate people crossing to Spain from North Africa, and the struggle to adapt to new social, cultural and linguistic realities. Students will read, in English translation, short stories, short novellas, and first-hand accounts of immigrant experiences and watch several Spanish-language movies with English subtitles.

All class discussions and assignments will be in English.

June 25–Aug 1, T TH, 6:00-9:15 p.m.

Christopher Wood

## SPANISH

### SPAN 101501 Elementary Spanish I

This introductory course is designed for students with no prior Spanish experience as well as those who have had some high school Spanish. Elementary Spanish I provides a strong foundation in speaking, listening comprehension, reading and writing and explores the products, practices and perspectives that are unique to Hispanic cultures. This course follows a communicative approach, which springs from the idea that languages are best learned when real-world information becomes the focus of student activities. Students will interact in Spanish with the instructor and with classmates. By the end of this course, students should be able to successfully handle in Spanish a significant number of basic communicative tasks.

June 24–July 11, M T W TH, 6:00-9:15 p.m.

Silvana Falconi

### SPAN 101601 Elementary Spanish II

Elementary Spanish II continues to provide a strong foundation in speaking, listening comprehension, reading and writing and explores the products, practices and perspectives that are unique to Hispanic cultures. This course follows a communicative approach, which springs from the idea that languages are best learned when student activities involve critical thinking about real-world information. By the end of this course, students should be able to successfully handle in Spanish a significant number of communicative and writing tasks in different time frames.

July 15–Aug 1, M T W TH, 6:00-9:15 p.m.

Silvana Falconi

### SPAN 1115 Intermediate Spanish I

Intermediate Spanish I is the first course in the second-year sequence. It continues to develop and strengthen students' proficiency in the Spanish language as well as to increase their cultural understanding. Emphasis remains on the four skills and on critical thinking. Throughout the course, students will develop fluency and accuracy, and focus on communication. They will expand the vocabulary and enhance their understanding of essential Spanish grammar concepts. Short literary texts, cultural readings, and audiovisual materials will provide opportunities to learn an appreciation of cultural differences and impart authentic insight into the Hispanic world.

SPAN 1115 01 June 24–July 11, M T W TH, 6:00-9:15 p.m.

Teresa Gelardo-Rodriguez

SPAN 1115 02 July 15–Aug 1, M T W TH, 6:00-9:15 p.m.

Barbara Sargent

### SPAN 1116 Intermediate Spanish II

Intermediate Spanish II is the second course in the second-year sequence with a continued emphasis on the four skills and on critical thinking. This course focuses on vocabulary building, the examination of some of the finer grammar points, and moving students towards a more complex level of comprehension and expression. Students work with short literary texts, cultural readings, and audiovisual materials.

SPAN 1116 01 June 24–July 11, M T W TH, 6:00-9:15 p.m.

Pia Cuneo

SPAN 1116 02 July 15–Aug 1, M T W TH, 6:00-9:15 p.m.

Daniel Cuenca

## MANAGEMENT

### MGMT 102101 Organizational Behavior

As an introduction to the study of human behavior in organizations, this course aims at increasing an awareness and understanding of individual, interpersonal, group, and organizational events, as well as increasing a student's ability to explain and influence such events. It deals with concepts that are applicable to institutions of any type; a central thrust of these concepts concerns the way institutions can become more adaptive and effective. The course is designed to help the student understand and influence the groups and organizations to which he/she currently belongs and with which he/she will become involved in a later career.

May 14–Jun 20, T TH, 6:00-9:15 p.m., Yi Ren

## MARKETING

### MKTG 102101 Marketing Principles

Marketing is dynamic, changing, creative, challenging and plays a leading role in a firm's strategy and destiny. Intended for those planning a career in Marketing, or who will participate in activities requiring marketing: doing a business startup, retail, designing new services, online/social media. Marketing owns the customer relationship and defines market-driven strategy. You will learn three skill sets: Target Marketing Skills; segmenting and targeting within markets; Strategic Marketing Skills—positioning vis-à-vis competitors, and Marketing Management Skills—managing the design of products/services, pricing, message and media, distribution channels, and online search/social media.

Jun 24–July 31, M W, 1:15-4:45 p.m., Xanthe Samaras

## MATHEMATICS

### MATH 1004 Finite Probability and Applications

This course is an introduction to finite combinatorics and probability, emphasizing applications. Topics include finite sets and partitions, enumeration, probability, expectation, and random variables.

MATH 1004 01 June 24–July 31, M W, 6:00-9:15 p.m.,

Cristina Mullican

MATH 1004 02 June 25–Aug 1, T TH, 6:00-9:15 p.m.,

Cristina Mullican

### MATH 1100 Calculus I

Prerequisite: Trigonometry

MATH 1100 is a first course in the calculus of one variable intended for biology, computer science, economics, management, and premedical students. It is open to others who are qualified and desire a more rigorous mathematics course at the core level. Topics include a brief review of polynomials and trigonometric, exponential, and logarithmic functions, followed by discussion of limits, derivatives, and applications of differential calculus to real-world problem areas. The course concludes with an introduction to integration.

MATH 1100 01 May 15–June 19, M W, 9:00-12:15 a.m.

Ellen Goldstein

**No Class on Monday May 20, Commencement Day**

**MATH 1100 02** July 1–Aug 16, T, 6:00-9:15 p.m.  
**FULLY ONLINE SECTION - NOTE DATES - 7 WEEKS.**  
**Both Synchronous AND Asynchronous. Day and time are specific; MEETS ONLINE SYNCHRONOUSLY ON TUESDAYS.** Students must **ALSO** participate weekly per all communications and instructions from the professor, must adhere to course schedule, and submit all course work on time. Please refer to the course syllabus on the course Canvas page in AGORA or on the Summer Session website for more detailed information.

Lorin Gerraughty

**MATH 1100 03** June 25–Aug 1, T TH, 6:00-9:15 p.m.  
 Mustafa Cengiz

### **MATH 110101 Calculus II**

MATH 1101 is a second course in the calculus of one variable intended for biology, computer science, economics, management, and premedical students. It is open to others who are qualified and desire a more rigorous mathematics course at the core level. Topics include an overview of integration, basic techniques for integration, a variety of applications of integration, and an introduction to (systems of) differential equations.

June 24–July 31, M W, 9:00-12:15 a.m.

Eric Moss and Braeden Reinosa

### **MATH 221001 Linear Algebra**

This course is an introduction to the techniques of linear algebra in Euclidean space. Topics covered include matrices, determinants, systems of linear equations, vectors in  $n$ -dimensional space, complex numbers, and eigenvalues. The course is required of mathematics majors and minors, but is also suitable for students in the social sciences, natural sciences, and management.

June 24–Aug 1, M W TH, 4:00-6:15 p.m.

Jamison Wolf

### **MATH 3353 Statistics**

Introductory course in inferential statistics covering the description of sample data, probability, the binomial and normal distribution, random sampling, estimation and hypothesis-testing. Designed for students in business, nursing and the social sciences.

**MATH 3353 01** May 15–June 19, M W, 6:00-9:15 p.m.

Marie Clote

**MATH 3353 02** June 24–July 31, M W, 6:00-9:15 p.m.

Dan Chambers

## **MUSIC**

### **MUSA 1100 Fundamentals of Music Theory**

Fundamentals of Music Theory focuses on technical aspects of the language of music: the basic vocabulary and manipulation of scales, chords and use of figured bass. This is a prerequisite for the major and minor and is recommended for those intending to continue in music.

**MUSA 1100 01** May 14–June 20, T TH, 1:15-4:45 p.m.

Barbara Gäwlick

**MUSA 1100 02** June 25–Aug 1, T TH, 1:15-4:45 p.m.

**BOTH SECTIONS 01 AND 02 ARE HYBRID, which combine both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

Leah Kosch

### **MUSA 1200 Introduction to Music**

Introduction to Music surveys the broad history of Western music history through the various style periods: the Middle Ages and Renaissance, Baroque, Classical Era, Romantic Era, 20th century and contemporary art music.

**CANCELLED Section 01- MUSA 1200 01** May 14–June 20, T TH, 1:15-4:45 p.m.

Daniel Callahan

**MUSA 1200 02** June 25–Aug 1, T TH, 6:00-9:15 p.m.

Donald James

### **MUSA 130001 History of Popular Music**

From the blues to country, jazz to rock, our nation's political, social, and economic history has been mirrored and influenced by the styles of popular music developed in our cultural melting pot. This course will provide an overall history of popular music in America, with emphasis upon mainstream popular music since 1954. Its focus will be on the independence and interdependence of black and white musical cultures in America. Students will learn stylistic developments in popular music and acquire interpretive strategies, including methods of aural analysis that will view popular songs as historical texts and as autonomous works of art.

May 14–June 20, T TH, 1:15-4:45 p.m.

Donald James

### **CANCELLED - MUSA 132001 Introduction to Musics of the World**

This course provides an introduction to selected musical traditions from around the world, in their cultural contexts. Our main goals are to study the connections between music and other cultural features and institutions, to become familiar with the features of major musical styles from the cultures studied, and with basic concepts in ethnomusicology and comparative musicology. Case studies include Native North and South American; Western, Central, and Southern African; Arabic; Persian; Hindusthani; Karnatak; Javanese; and Japanese musics. Musical training and background are not required and are not presumed.

May 14–June 20, T TH, 6:00-9:15 p.m.

Douglass Dineen

## **PHILOSOPHY**

### **PHIL 1070 Philosophy of the Person I**

This course introduces students to philosophical reflection and to its history through the presentation and discussion of the writings of major thinkers from ancient, medieval, modern, and contemporary periods. The course is designed to show how fundamental and enduring questions about the universe and about human beings recur in different historical contexts. Emphasis is given to ethical themes, such as the nature of the human person, the foundation of human rights and corresponding responsibilities, and the problems of social justice.

**PHIL 1070 01** May 15–June 19, M W, 6:00-9:15 p.m.

Hessam Dehghani

**PHIL 1070 02** May 14–June 20, T TH, 6:00-9:15 p.m.

Drew Alexander

### **PHIL 1071 Philosophy of the Person II**

This course introduces students to philosophical reflection and to its history through the presentation and discussion of the writings of major thinkers from ancient, medieval, modern, and contemporary periods. The course is designed to show how fundamental and enduring questions about the universe and about human beings recur in different historical contexts. Emphasis is given to ethical themes, such as the nature of the human person, the foundation of human rights and corresponding responsibilities, and the problems of social justice.

**PHIL 1071 01** June 24–July 31, M W, 6:00-9:15 p.m.

Hessam Dehghani

**PHIL 1071 02** June 25–Aug 1, T TH, 6:00-9:15 p.m.

**SECTION 02 is HYBRID which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

Drew Alexander

## 2019 Summer Undergraduate Courses

### PHIL 125201 Practical Logic

A course not in the "new logic" (symbolic, or mathematical, logic) but in the "old logic" (ordinary language logic) invented by Aristotle and used for 2300 years in all the humanities. Includes such topics as definition, contradiction, syllogisms, implied premises, induction, and analogy. The course includes the commonsensical philosophical bases for this logic and also many practical applications to reading, interpreting, evaluating, and inventing arguments, especially in dialogues. Weekly quizzes, extra credit opportunities, and a take-home final exam.

May 14–June 20, T TH, 6:00-9:15 p.m.

Matthew Clemente

### PHIL 151001 Introduction to Ethics

What does it mean to be good, virtuous, or just? To what extent are we responsible or not responsible for our actions? How have our ethical values been established by society in the past? On what basis should our ethical values be established in the future? What are reasonable moral expectations we can have of other people? These are a few of the issues that will be discussed as students are introduced to some of the main schools of ethical thought in the Western philosophical tradition. We will examine works by Plato, Aristotle, Augustine, Kant, Nietzsche, Rawls, and Martin Luther King, Jr. We will also use a few works of literature to reflect further on ethical ideas raised in the course.

July 1–Aug 16, W, 6:00-8:00 p.m.

**FULLY ONLINE COURSE - Both Synchronous AND Asynchronous. MEETS ONLINE SYNCHRONOUSLY ON WEDNESDAYS. Students must ALSO participate weekly per all communications and instructions from the professor, must adhere to course schedule, and submit all course work on time. Please refer to the course syllabus for more detailed information.**

Eric Severson

### CANCELLED - PHIL 152501 Introduction to Ethical Theory

This course is a rigorous introduction to moral philosophy for students with little or no background. It examines ideas from four important figures in moral thought: Plato, Aristotle, Aquinas, Hume, Kant, Mill, and Nietzsche. Each played an integral role in the development of moral philosophy, offering thoughtful, compelling answers to some of the disciplines most central questions which include: What is involved in being a good person or living a good life? What should we value, and why? How are we motivated by morality? How (if at all) is morality a matter of what is customary or conventional? How (much) do the consequences of our actions matter? Importantly, this course is not only about learning what others have thought about the answers to these (and related) questions in applied ethics. By considering and criticizing the ideas and arguments of these philosophers, the aim is to cultivate our own ability to think systematically, rationally, and reflectively, and to make up our own minds about how to answer these kinds of questions.

CANCELLED - May 14–June 20, T TH, 6:00-9:15 p.m.

Timothy Furlan

### PHIL 447001 Philosophy of World Religions

The purpose of this course is as follows: (1) to familiarize students with the teachings of each of the world's major religions; (2) to understand, empathize with, and appreciate them; (3) to appreciate one's own religion (or lack of one) better by comparison; (4) to philosophize critically and rationally about a subject that is not in itself critical and rational; and (5) to question and search for a universal nature of the core of religion, if possible.

May 14–June 20, T TH, 6:00-9:15 p.m.

Peter Kreeft

## PHYSICS

### PHYS 210001 Introduction to Physics I (Calculus)

*Prerequisite: Calculus I; may be taken concurrently.*

*Corequisite: PHYS 2110*

A calculus-based introduction to physics primarily for biology majors and premedical students. The development and application of classical physical principles are covered, and students are introduced to more advanced mathematical techniques to extend these applications. Emphasis is placed on problem-solving to better understand the implications of these principles, as well as to develop analytical skills. Topics include classical mechanics, including Newton's laws, energy, rotational motion, hydrostatics and fluid dynamics, oscillations, waves, and gravitation.

June 3–June 27, M T TH, 6:00-10:00 p.m.; 4 Credits

Jan Engelbrecht

### PHYS 205001 Introductory Physics Laboratory I

A laboratory course that provides an opportunity to perform experiments on topics in mechanics and acoustics.

Lab fee required.

June 3–June 27, M T TH, 4:00-5:50 p.m.; 1 Credit

Andrzej Herczynski

### PHYS 210101 Introduction to Physics II (Calculus)

*Corequisite: PHYS 2111*

Second session of a calculus-based introduction to physics primarily for biology majors and premedical students. The development and application of classical physical principles are covered, and students are introduced to more advanced mathematical techniques to extend these applications. Emphasis is placed on problem-solving to better understand the implications of these principles, as well as to develop analytical skills. Topics are electrostatics, electrical circuits, magnetism, electromagnetism and electromagnetic waves, topics in physical optics, and basic concepts of special relativity and quantum physics.

July 1–July 25, M T TH, 6:00-10:00 p.m.; 4 Credits

**NO CLASS Thurs July 4; Make-up class Weds July 3**

Christian Engelbrecht

### PHYS 205101 Introductory Physics Laboratory II

A laboratory course that provides an opportunity to perform experiments on topics in electricity and magnetism and physical optics. Lab fee required.

July 1–July 25, M T TH, 4:00-5:50 p.m.; 1 Credit

**NO CLASS Thurs July 4; Make-up class Weds July 3**

Andrzej Herczynski

### PHYS 211001 Introduction to Physics I Recitation

*Corequisite: PHYS 2100*

Problem solving and discussion of topics in a small-class setting. Two meetings per week.

June 4–June 27, T TH, 2:00-2:50 p.m.; 0 Credit

The Department

### PHYS 211101 Introduction to Physics II Recitation

*Corequisite: PHYS 2101*

Problem solving and discussion of topics in a small-class setting. Two meetings per week.

July 2–July 25, T TH, 2:00-2:50 p.m.; 0 Credit

The Department

## POLITICAL SCIENCE

### POLI 104101 Fundamental Concepts of Politics

An introduction to the study of politics through a consideration of some of the basic elements associated with governing: the political association, justice, constitutions, equality, liberty, conflict among citizens and between citizens and governments, conflict among governments. Emphasis is on interesting and important readings, discussion, and writing.

May 15–June 19, M W, 6:00-9:15 p.m.

Timothy McCranor



**POLI 104201 Introduction to Modern Politics**

This is a hybrid course, which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.

This course introduces students to modern politics by exploring one of the most prominent questions of political science: the origins of democracy. We will attempt to identify the actors, institutions, relationships, resources, incentives, and norms that either facilitate or constrain the rise and spread of democratic forms of government. We will also examine a number of related questions, such as the different ways of defining democracy, the persistence of authoritarianism, and the breakdown of democracies. The course will also look at some pressing contemporary issues, such as the results of the Arab Spring and other crucial developments of the last few years concerning the fate of democracy around the world. In addition to its topical focus on democracy, this course will also be an introduction to comparative politics as a subfield in political science. Students will be introduced to some fundamental elements of the comparative method, such as the different types of research questions, as well as the different types of case studies. This brief introduction will help students carry the lessons of the course over into their future courses in the social sciences.

June 24–July 31, M W, 6:00-9:15 p.m.

Timothy McCranor

**POLI 262501 Islam, the Muslim World, and Democratic Politics**

What is the relationship between Islam and democracy? Are human rights located in the Koran or some other, more human, source? Are the appeals to an Islamic government or “State” based on fact or fiction? How might we appeal to the sacred sources of Islam to promote attitudes of toleration, inclusion, and respect? These and similar questions will be considered throughout the semester. The purpose of this course will be to use the events related to the Arab Winter and continuing instability throughout the Muslim world as a springboard for a critical evaluation of the respective merits of the two forms of regime. No prior acquaintance with Islam or the Arabic language is necessary or required.

May 15–June 19, M W, 6:00-9:15 p.m.

David DiPasquale

## PSYCHOLOGY

**PSYC 111001 Introduction to Brain, Mind, & Behavior**

The course focuses on basic brain function (how neurons work, brain plasticity, and drug effects) and genetic influences on psychological functions (including attitudes), and introduces students to fundamental features of learning, motivation, appetite, memory, and perception, along with their biological underpinnings. A major course theme is the physical bases of psychological phenomena.

July 1–Aug 16 **NOTE DATES - 7 WEEKS**

**FULLY ONLINE-Asynchronous. No days/times specified; students must participate weekly per all instructions and communications from the professor, must adhere to course schedule, and submit all course work on time.**

Jeffrey Lamoureux

**PSYC 2234 Abnormal Psychology**

This course provides an introduction to the field of abnormal psychology. Major topics include theoretical and empirical approaches to the study of psychopathology; assessment and diagnosis of abnormality; and psychological, behavioral, biological, and sociocultural characteristics of the major syndromes of psychopathology. Legal and ethical issues and current approaches to the treatment and prevention of psychological disorders will also be discussed.

**CANCELLED Section 01 - PSYC 2234 01** May 14–June 20, T TH, 11:00 a.m.-2:15 p.m.

Marilee Ogren

**PSYC 2234 02** June 25–Aug 1, T TH, 11:00 a.m.-2:15 p.m.

Marilee Ogren

**PSYC 112001 Introduction to Behavioral Statistics and Research I**

This course is intended to provide students with an introduction to statistics used in the behavioral sciences. Students will be introduced to the most common topics and procedures in descriptive and inferential statistics. Throughout the course, the statistical topics will be discussed within the context of behavioral research, providing students with an overview of some common research designs. Topics will include descriptive statistics, data displays, probability, t-tests, and one-way ANOVA.

May 14–June 28 **NOTE DATES - 7 WEEKS**

**FULLY ONLINE-Asynchronous. No days/times specified; students must participate weekly per all instructions and communications from the professor, must adhere to course schedule, and submit all course work on time.**

Sean MacEvoy

**PSYC 224201 Personality Theories**

Does personality make us who we are? Whether selecting a mate, voting for a president, or understanding ourselves, we want and need to know about personality. In this course we consider how personality can be measured, how well it predicts behavior, what shapes our personality, and whether personality can be changed.

June 25–Aug 1, T TH, 8:15-11:30 a.m.

Donnah Canavan

**PSYC 226902 Child Development**

**This is a hybrid course, which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

How do young children learn to speak a language or how to count? How do young children perceive their environment and develop emotional understanding? Course will serve as an introduction to developmental psychology, cover a broad range of topics from prenatal development to language development in childhood, and will discuss developmental theories, past and current findings, and methods used in developmental research. By the end of this course, students will have a broad understanding of child development and the methods used to complete developmental studies.

May 14–June 20, T TH, 12:00-3:15 p.m.

Stacey Santos Topper

**PSYC 227101 Memory and the Brain**

Memory enables you to have skills, to communicate with other people, to make intelligent decisions, to remember your loved ones, and to know who you are. Without memory, you would not be you. Although human memory has been studied for over two thousand years, the neuroscience of human memory has only been studied for the last two decades. In this course, following an introduction on the types of memory and brain regions of interest, we will discuss the following key topics on the neuroscience of human memory: the tools of cognitive neuroscience, brain regions associated with long-term memory, brain timing associated with long-term memory, long-term memory failure, working memory, implicit memory, memory and other cognitive processes, explicit memory and disease, long-term memory in animals, and the future of memory research. Classes will typically consist of an instructor-led discussion on a chapter from the textbook followed by a group discussion of two scientific articles. The primary objective of the article discussions is to encourage critical examination of published work. Before every class, read the relevant chapter and articles and bring them to class to receive full credit.

June 24–July 31, M W, 8:15-11:30 a.m.

Dylan Spets

## 2019 Summer Undergraduate Courses

### PSYC 227201 Cognitive Psychology: Mental Processes and their Neural Substrates

This course introduces the scientific study of mental function from an information processing perspective. The course examines how information is processed and transformed by the mind to control complex human behavior. Specific topics include the history of cognitive psychology, cognitive neuroscience, attention, perception, consciousness, short-term and long-term memory, mental imagery, language, decision-making, and problem solving. Course material will be drawn from work with clinical populations (e.g., people who have sustained brain injury) as well as from work with non-injured populations. Class sessions will be devoted to lecture, discussion, demonstrations, and (if practical) student presentations.

May 15–June 19, M W, 8:15-11:30 a.m.

Sean MacEvoy

**No Class Monday May 20, Commencement Day**

### PSYC 228101 Sport Psychology

This course is a survey of theories and applications of sport and exercise psychology as a science and a practice. The course will examine cognitive, affective, behavioral, and developmental considerations in sport and physical activity. Topics may include: individual aspects such as personality, motivation, and anxiety; social processes such as team cohesion and group dynamics; and mental skills training areas such as confidence, imagery, goal-setting, and concentration.

May 15–June 19, M W, 9:00 a.m.-12:15 p.m.

Kristina Moore

**No Class Monday May 20, Commencement Day**

## SOCIOLOGY

### SOCY 1001 Introductory Sociology

This course conveys a sense of the history of sociology and introduces students to the most essential concepts, ideas, theories, and methods of the discipline. Special topics may include interaction in everyday life, sociology of the family, gender roles, race and ethnic relations, and the sociology of work, among others. We will deal with fundamental questions about what it means to be a human being living in a society at a given moment in history.

SOCY 1001 **01** June 25–Aug 1, T TH, 1:15-4:45 p.m.

Samantha Eddy

SOCY 1001 **02** May 14–June 20, T TH, 1:15-4:45 p.m.

Jared Fitzgerald

SOCY 1001 **03** July 1–Aug 16 **NOTE DATES - 7 WEEKS FULLY ONLINE-Asynchronous. No days/times specified; students must participate weekly per all instructions and communications from the professor, must adhere to course schedule, and submit all course work on time.**

Jeremiah Morelock

### SOCY 103001 Deviance and Social Control

This course explores the social construction of boundaries between the "normal" and the so-called "deviant." It examines the struggle between powerful forms of social control and what these exclude, silence, or marginalize. Of particular concern is the relationship between dominant forms of religious, legal, and medical social control, as well as gendered, racialized, and global economic structures of power. The course provides an in-depth historical analysis of theoretical perspectives used to explain, study, and control deviance, as well as ethical-political inquiry into such matters as religious excess, crime, madness, corporate and governmental wrong-doing, and sexual subcultures that resist dominant social norms.

June 25-Aug 1, T TH, 6:00-9:15 p.m.

Jaelyn Carroll

### SOCY 102401 Gender and Society

This course explores the formation, experience, and change of women's and men's social lives in history. Topics include (1) gendered differences in the organization of power, kinship, economic well-being, race, national identity, and ethnicity, religion, sexuality, and culture; (2) socialization into masculine and feminine social roles; (3) the impact of global economic and technological change on social constructions of gender; (4) gender, popular culture, and the mass media; (5) gender equality and social justice.

May 14-June 20, T TH, 6:00-9:15 p.m.

Caliesha Comley

### CANCELLED - SOCY 103101 Society and Environmental Transformations

Where do contemporary environmental problems come from? Why is it so hard to resolve serious global environmental issues? Are environmental problems really social problems? This course will compel students to explore these questions, to devise answers to them, and to learn how to understand environmental problems with sociological analytical tools and methods. Students will explore the historical origins of the contemporary world, while revisiting the social and environmental changes brought about by the Industrial Revolution, the World Wars, and the liberalization of capitalism. Students will also ponder how globalization might be the start of a new environmental transformation for society.

CANCELLED - May 14–June 20, T TH, 6:00-9:15 p.m.

Xiaorui Huang

### SOCY 107801 Sociology of Health and Illness

The World Health Organization defines health as a state of complete physical, mental, and social well-being and not merely the absence of disease or infirmity. This course will consider this whole-person definition across the human life course using a range of sociological principles and perspectives. Major topics will include the structure of health care systems in the United States and globally, doctor-patient interaction, social and cultural influences on health and disease, and social disparities in the distribution of health and quality health care.

June 25-Aug 1, T TH, 6:00-9:15 p.m.

Kyle Carr

### SOCY 330701 Race in the Criminal Justice System

This class will examine the growth of the prison system and its relationship to structural racism in the United States. Students will examine the historical context in which the prison system expanded and privatized, with specific reference to desegregation and changes in the United States' immigration and national security policies. A heavy emphasis will be placed on differences in how deviance is defined for peoples of different races, genders, classes and sexual orientations.

May 14–June 20, T TH, 1:15-4:45 p.m.

Cedric-Michael Simmons

June 25–Aug 1, T TH, 1:15-4:45 p.m.

Cedric-Michael Simmons

### CANCELLED - SOCY 332101 Building Sustainable Communities - Detroit and Boston

**"Domestic Study" course - takes place on-site IN DETROIT and IN BOSTON and also online before and after the trip.**

This course will investigate contemporary urban environments through the eyes of urban farmers and community innovators who are building more equitable communities and sustainable relationships with the land. Fieldwork, class discussions, environmental media, and workshops with community partners will facilitate our engagement with sustainability narratives and practices. Course themes include the urban planning and racial politics, challenges and opportunities of deindustrialization, the environmental justice movement, youth education, organizational development, and community-based urban transformation. In order to explore possibilities of sustainable communities in a variety of social and urban contexts, this hybrid course includes one week of fieldwork in Boston, one week of fieldwork in Detroit, and online components. Fieldwork experi-

ences in Boston and Detroit will give students an on-the-ground perspective of urban agriculture, environmental justice, and sustainability practices that are shaping cities around the world. Guest lecturers, field placements, and site visits with organizations that are closest to urban sustainability problems and solutions will compliment classroom instruction.

**CANCELLED**

*May 21-June 21, both ONSITE and online:*

*May 21 - May 27 Online*

*May 28 - June 3 On-site in Boston*

*June 4 - June 11 On-site in Detroit*

*June 12 - June 21 Online*

*Mike Cermak and Matt DelSesto*

## THEOLOGY

### THEO 100101 Biblical Heritage I

The Bible has been an influential and often fundamental source for many modern, Western views of God, nature, human beings, a just society, and the origin and destiny of humanity and the world. An intelligent, serious reading of the Bible raises most of the perennial questions that have traditionally stood at the center of philosophical and theological debate.

*May 15-June 19, M W, 6:00-9:15 p.m.*

*Jenna Kokot*

### THEO 100201 Biblical Heritage II

**This is a hybrid course, which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

The Bible has been an influential and often fundamental source for many modern, Western views of God, nature, human beings, a just society, and the origin and destiny of humanity and the world. An intelligent, serious reading of the Bible raises most of the perennial questions that have traditionally stood at the center of philosophical and theological debate.

*June 24-July 31, M W, 6:00-9:15 p.m.*

*Jenna Kokot*

### THEO 101601 Introduction to Christian Theology I

This sequence of courses considers significant questions in conversation with some of the most important writings in the tradition of Western Christian thought. Its purpose is to encourage students by drawing systematically on primary sources of historical significance to uncover the roots of the Christian faith and life and to delineate the values for which this tradition of faith stands.

*May 15-June 19, M W, 6:00-9:15 p.m.*

*Jeremy Wilkins*

### THEO 101701 Introduction to Christian Theology II

**This is a hybrid course, which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

This sequence of courses considers significant questions in conversation with some of the most important writings in the tradition of Western Christian thought. Its purpose is to encourage students by drawing systematically on primary sources of historical significance to uncover the roots of the Christian faith and life and to delineate the values for which this tradition of faith stands.

*June 24-July 31, M W, 6:00-9:15 p.m.*

*Jeremy Wilkins*

### THEO 102301 Exploring Catholicism I

This course is a two-semester exploration of the vision, beliefs, practices, and challenge of Catholicism. The first semester explores human existence as lived in the light of the Mystery of God and the gift of Jesus Christ. The second semester considers the Church as the people of God, gathered and sent forth in the Spirit; the sacraments as catalysts of ongoing transformation in Christ; and the challenge of the spiritual life today. Close analysis of passages from the Bible will be supplemented by readings from contemporary theologians, literary figures, and social commentators.

*May 14-June 20, T TH, 6:00-9:15 p.m.*

*Stephanie Edwards*

### THEO 102401 Exploring Catholicism II

A two-semester exploration of the vision, beliefs, practices, and challenge of Catholicism. The first semester explores human existence lived in the light of the Mystery of God and the gift of Jesus Christ. The second semester considers the Church as the people of God, gathered and sent forth in the Spirit, the sacraments as catalysts of ongoing transformation in Christ, and the challenge of the spiritual life today. Close analysis of passages from the Bible will be supplemented by readings from contemporary theologians, literary figures, and social commentators.

*June 25-Aug 1, T TH, 6:00-9:15 p.m.*

*Stephanie Edwards*

## THEATRE

### THTR 117001 Introduction to Theatre

This is a survey course for primarily non-majors. Its aim is to impart an appreciation of the theatre as an artistic and humanizing experience. There will be discussion of the various elements that contribute to the development of theatre as a specialized art form, including historical and cultural influences, staging styles and techniques, and the multiple genres of dramatic writing. Several plays illustrating the above will be read and attendance at selected performances is required. Satisfies Core requirement for Arts for BC students.

*May 15-June 19, M W, 1:15-4:45 p.m.*

*Brian Cronin*

**No Class on Monday May 20, Commencement Day**

### THTR 200101 Fundamentals of Improvisation

**This is a hybrid course, which combines both in-person and online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

Fundamentals of Improvisation offers students a robust introduction to long form improv; it is also a fun, unique, and confidence-building class. Students will be able to apply the central elements of the material to their communication and collaboration skills, as well as their general approach towards teamwork, challenges, and a number of other elements of the professional world. Does not count toward the theater major or minor for BC students.

*June 25-Aug 1, T TH, 6:00-8:15 p.m.*

*Jacqueline Arko*



# 2019 SUMMER GRADUATE COURSES

For any changes to course listings which were made after this catalog was printed, please consult the University's online **Course Information and Schedule**, accessible through the BC Agora portal, or at: <https://services.bc.edu/PublicCourseInfoSched/courseinfoschedHome!displayInput.action>  
Please note: With a few exceptions, Master of Science courses are not offered on an open enrollment basis.  
You must be accepted into one of the Woods College Master's programs prior to registration.

## LEADERSHIP AND ADMINISTRATION PROGRAM CORE COURSES

### ADGR 770301 Research Methods and Data Analysis

*\* This course may be taken by non-degree students. \**

This course introduces students to basic social science research methods. The primary objective is for students to learn to read and evaluate research as well as create contributions to their chosen profession or field of research. By the end of the course, students will be more knowledgeable of basic research design and statistical methods. Additionally, students will better understand how to use research findings to improve and enhance their professional roles.  
*May 15–June 19, M W, 6:00–9:30 p.m., Susan Bradley*

### ADGR 770401 Accounting and Financial Analysis I

Financial statements, fundamental accounting concepts, procedures, terminology and contemporary financial reporting are introduced using state-of-the-art business software. The course develops a user perspective on accounting to better understand what the numbers say. Explores the accounting cycle, the various statements that are the product of the process, and the implications the data carry. Reviews areas where alternative methods of reporting are allowed. Designed for those using, rather than preparing data. Little or no formal accounting background needed.  
*May 14–June 20, T TH, 6:00–9:30 p.m., Jason Williams*

### ADGR 770801 Project Management

*\* This course may be taken by non-degree students. \**

This course introduces students to the basic tenets and components involved in project management. The primary objective is to provide frameworks that make it possible to track and measure project performance, overcome challenges, and adapt to changes in a variety of professional environments. Specific topics covered in the course include project scope, time, cost, quality, human resources, communications, risk and stakeholder management, and a variety of other operational issues that emerge during project planning, initiation, monitoring, and execution.  
*June 10–June 14, M T W TH F, 9:00 a.m–5:00 p.m., Aza Chirkova*

### ADGR 777701 Evolution of Marketing Strategies in the Digital Era

**Hybrid course, combining some in-person and some online class meetings. Please refer to the course syllabus on the course Canvas page and on the Summer Session website for more detailed information. Tuesday class sessions will meet in-person, Thursday class sessions will meet ONLINE.**

A practical overview of the role and potential of marketing. Developing a market strategy to reach new and evolving markets depends on understanding emerging communication activities and styles, the accurate identification of needs, and expertise in generating and converting inquiries. Elements of a marketing strategy, including pricing, promotion, product decisions and distribution are used. Creative development of the marketing mix utilizing traditional and interactive components. Strategy formulation and control of the marketing function in a digital world are emphasized.  
*June 25–Aug 1, T TH, 6:00–9:30 p.m., Patricia Clarke*

### ADGR 778501 Leadership & Decision Making: Ignatian-Based Applied Ethics

**Hybrid course, which combines some in-person and some online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more information.**

What role can ethics and morals play in influencing leaders? Too often, decisions are made based solely on numbers or shareholder value, and without reflection. Any collateral damage is then justified as being just the "cost of doing business." We have an obligation to each other and to ourselves to personally engage and make decisions in a moral context. Using Ignatian discernment and values as a guide, this course will explore strategies and options for integrating values into leadership decision-making. Applying those strategies to real world case studies, we will develop tools to help navigate those situations where there is pressure to compromise values or disengage from our moral compass.  
*June 24–July 31, M W, 6:00–9:30 p.m., Gregory Noone*

### ADGR 9902 Applied Research Project

The Applied Research Project for Leadership and Administration is designed to give students the opportunity to apply the knowledge they have acquired throughout their graduate program to real-world situations. The culmination of such knowledge will be directed at a final presentation and major paper. Also, the learning objectives of their particular MS specialization will be encapsulated through their in-depth, individualized research. An applied research project is meant to be a cumulative experience. As such, this course provides opportunities for students to integrate knowledge from their core and concentration courses, to gain insight into the meaning of professionalism and professional practice, and to produce a research project that can be utilized in their current work setting to showcase their skills and talents. Alternatively, it can also be used to highlight their background to prospective employers or in fields in which they have an interest but may not be currently employed.

*HYBRID ADGR 9902 01, May 14–Aug 1, 4:30–6:00 p.m.*

*By Arrangement, Elisabeth Hiles*

**Section 01 is HYBRID, which combines some in-person and some online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

*ONLINE ADGR 9902 02, May 14–Aug 1, Jenny Gumm*

**Section 02 is FULLY ONLINE - Synchronous AND Asynchronous. Online course with 5 synchronous sessions through the summer, exact dates TBA; students must ALSO participate weekly per all communications and instructions from the professor, must adhere to course schedule, and submit all course work on time.**

*HYBRID ADGR 9902 03, May 14–Aug 1*

*By Arrangement, David Goodman*

**Sections 03 is HYBRID, which combine some in-person and some online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

**LEADERSHIP AND ADMINISTRATION PROGRAM  
ELECTIVES**

**ADGR 800601 Communication in a Global Work Environment**

**Hybrid course, which combines some in-person and some online class meetings. Refer to the course syllabus in Canvas and on the Woods College website for more detailed information.**

Successful organizational leaders recognize the enormous impact of globalization, and the need to communicate and interact effectively within complex, multicultural work environments. Students will begin to think about how their world view is constructed; learn to better understand subtle, cultural dynamics and nuances; and understand the significance of emotional intelligence. Students will address things that get in the way of clear communication like biases, judgments and assumptions about others. Students will also examine changes in how communications occur today through the loosening of grammatical standards and the implications of stripping formerly Face-to-Face or substantive communications with text or emoji-based symbols. Topics include addressing how we shape our world view, the tension between “culture” as something fixed, and leaders as influencers of a collaborative culture. Media influences, nonverbal cues, and the formation of worldviews are examined. The course explores values, stereotyping and cultural biases through readings, assessment tools, case studies and presentations.

*May 15–June 19, M W, 6:00–9:30 p.m., Elisabeth Hiles*

**ADGR 801501 Business Strategy**

Strategy is how leaders distinguish the organizations advantage in competitive markets. It is a set of guidelines that help direct decision making and the allocation of resources to accomplish the company's key business goals and objectives. To succeed in the future, leaders must develop the means and capabilities needed to gain and sustain these advantages. This course introduces the concepts of strategic management by using readings, discussion and case studies. The key components the course will cover are: the three horizons of strategy; external environments (social, political, technological and economic); global markets; internal Factors and Implications (capabilities, talent, resources); the role of Culture and Change Management.

*ONLINE June 24–July 31, M 6:00–9:00 p.m., and also W*  
**Both Synchronous AND Asynchronous. Day and time are specific. MEETS ONLINE SYNCHRONOUSLY VIA ZOOM ON MONDAYS from 6:00 to 9:00pm Eastern, and ASYNCHRONOUSLY ON WEDNESDAYS, with materials students read and respond to on their own time via Canvas. Students must ALSO participate weekly per all communications and instructions from the professor, must adhere to course schedule, and submit all course work on time. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for detailed information.** *Jenny Gumm*

**ADGR 804501 Public Relations/Crisis Communication**

In our culture, image is about conveying success. It is what makes us want to buy a brand or vote for a candidate. Course explores the powerful role of imaging, the use of trademarks as a vehicle to convey a corporate image, and how a “marketable personality” (for a product, service, organization or individual) is defined, developed and communicated. Examines strategies for balancing the emotional and rational factors of a message, finding a position with “soul,” and using research to full advantage in relation to image failure and crisis management. A look at how imaging is affected by the exploding world of media and how it influences the corporate bottom line. Video and audio presentations and case studies provide stimulating examples. Students will better understand the imaging process and develop the know-how to evaluate and use it.

*June 25–Aug 1, T TH, 6:00–9:30 p.m., Donald Fishman*

**ADGR 805501 Human Resources Development**

**Hybrid course, which combines some in-person and some online class meetings. Wednesday class sessions will be conducted in person, Monday class sessions will meet ONLINE but will NOT be synchronous. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for detailed information.**

This course focuses on employees and how to get the highest level of performance out of employees. What motivates your employees? What makes them want to stay? How do you prevent attrition? This course will start with an introduction to organizational design and relevant organizational development theories. It will then move to talent acquisition and employee training, where use of analytics and metrics will be introduced. Next, students will learn performance management methods and appraisal, including use of instruments and rating scales. The course will then move to career development and leadership development including assessing talent, developing career paths, and succession planning. The course will conclude by helping students understand the differences between coaching and mentoring, and how to effectively manage organizational talent.

*May 15–June 19, M W, 6:00–9:30 p.m., Heather Williams*

## 2019 Summer Graduate Courses

### APPLIED ECONOMICS PROGRAM

#### ADEC 731001 Data Analysis

This course is designed to introduce students to the concepts and data-based tools of statistical analysis commonly employed in Applied Economics. In addition to learning the basics of statistical and data analysis, students will learn to use the statistical software package Stata to conduct various empirical analyses. Our focus will be on learning to do statistical analysis, not just on learning statistics. The ultimate goal of this course is to prepare students well for ADEC 732001, Econometrics.

*ONLINE May 14–July 1, M, 8:00-10:00 p.m., Larry Fulton*

**FULLY ONLINE COURSE - Both Synchronous AND Asynchronous. Day and time are specific; MEETS ONLINE SYNCHRONOUSLY ON MONDAYS. Students must ALSO participate weekly per all communications and instructions from the professor, must adhere to course schedule, and submit all course work on time. Please refer to the course syllabus on the course Canvas page in AGORA for more detailed information.**

#### ADEC 732001 Econometrics

*Prerequisites: Applied Microeconomic Theory, Applied Macroeconomic Theory, and Data Analysis*

This course focuses on the application of statistical tools used to estimate economic relationships. The course begins with a discussion of the linear regression model, and examination of common problems encountered when applying this approach, including serial correlation, heteroscedasticity, and multicollinearity. Models with lagged variables are considered, as is estimation with instrumental variables, two-stage least squares, models with limited dependent variables, and basic time-series techniques.

*ONLINE July 2–Aug 16, Nathaniel Bastian*

**FULLY ONLINE-Asynchronous. No days/times specified; students must participate weekly per all instructions and communications from the professor, must adhere to course schedule, and submit all course work on time.**

#### ADEC 739001 Empirical Money and Banking

*Prerequisites - Applied Microeconomic Theory, Applied Macroeconomic Theory, Data Analysis, and Econometrics, or approval of Program Director.*

This course focuses on a study of money, banking and financial markets with a clear emphasis on central banking and conduct of monetary policy. An in-depth analysis of fixed income markets in addition to equities and other financial instruments in this course provides students with the opportunity to master intricacies of financial markets and investing in them. Additionally, the connection between movements in the financial markets and monetary policy is examined on a daily basis. An extended use of Bloomberg Professional LP in this course makes this very applied class particularly valuable to anyone interested in bridging the gap between the economic theory and practice.

*June 25–Aug 1, T TH, 6:00–9:00 p.m. NOTE TIMES Hossein Kazemi*

#### ADEC 743001 Big Data Econometrics

*Prerequisite: Data Analysis or approval of Program Director.*

This course demonstrates how to merge economic data analysis and applied econometric tools with the most common machine learning techniques, as the rapid advancement of computational methods provides unprecedented opportunities for understanding “big data”. This course will provide a hands-on experience with the terminology, technology and methodologies behind machine learning with economic applications in marketing, finance, healthcare and other areas. The main topics covered in this course include: advanced regression techniques, resampling methods, model selection and regularization, classification models (logistic regression, Naïve Bayes, discriminant analysis, k-nearest neighbors, neural networks), tree-based methods, support vector machines, and unsupervised learning (principal components analysis and clustering). Students will apply both supervised and unsupervised machine learning techniques to solve various economics-related problems with real-world data sets.

*ONLINE May 14–June 28, Nathaniel Bastian*

**FULLY ONLINE-Asynchronous. No days/times specified; students must participate weekly per all instructions and communications from the professor, must adhere to course schedule, and submit all course work on time.**

#### ADEC 746001 Predictive Analytics / Forecasting

*Pre-requisite: ADEC7320 Econometrics*

This course will expose students to the most popular forecasting techniques used in industry. We will cover time series data manipulation and feature creation, including working with transactional and hierarchical time series data as well as methods of evaluating forecasting models. We will cover basic univariate Smoothing and Decomposition methods of forecasting including Moving Averages, ARIMA, Holt-Winters, Unobserved Components Models and various filtering methods (Hodrick-Prescott, Kalman Filter). Time permitting, we will also extend our models to multivariate modeling options such as Vector Autoregressive Models (VAR). We will also discuss forecasting with hierarchical data and the unique challenges that hierarchical reconciliation creates. The course will use the R programming language though no prior experience with R is required.

*ONLINE July 3 –Aug 16, M, 8:00-10:00 p.m., Larry Fulton*

**FULLY ONLINE COURSE - Both Synchronous AND Asynchronous. Day and time are specific; MEETS ONLINE SYNCHRONOUSLY ON MONDAYS. Students must ALSO participate weekly per all communications and instructions from the professor, must adhere to course schedule, and submit all course work on time. Please refer to the course syllabus on the course Canvas page in AGORA and on the Summer Session website for more detailed information.**

#### ADEC 750001 Ethics, Economics, and Public Policy

The focus of the course is to ascertain how public policy makers decide to either regulate or legislate how an industry/firm will operate in society. We will examine the process from three different vantage points: ethics, economics, and policy. The first part of the course will be spent examining the role (or lack thereof!) that ethical thinking plays in motivating public policy makers to take action. The second part of the course examines how economic pressure comes into play as policy makers try to establish bounds on an industry or a firm. Finally, we explore the role that social pressures such as the media and various interest groups play in influencing how public policy makers react to various issues that confront an industry or a firm.

*ONLINE May 14–June 28, Richard McGowan*

**FULLY ONLINE-Asynchronous. No days/times specified; students must participate weekly per all instructions and communications from the professor, must adhere to course schedule, and submit all course work on time. Please refer to the course syllabus on the course Canvas page in AGORA for more detailed information.**



**ADEC 754001 Marketing Analytics for Economists**  
**This is a hybrid course, which combines some in-person and some online class meetings. Please refer to the course syllabus on the course Canvas page in AGORA for more detailed information.**

Specifically designed for Economists, this course will enable students to use analytics to improve marketing performance and lead marketing efforts. Students will be able to answer key questions such as: How to design the appropriate metrics and analytics to monitor/improve marketing efforts? How can I measure my various marketing program's impact on revenue and profit? How can I clearly define the business problem? How can I better understand the company's goals? How can I communicate insights, not just facts? Which are all the relevant drivers (e.g., marketing and environmental factors) and outcomes (e.g., purchase funnel metrics) and how do they work in marketing? Which tool, of the many available, is best for which problem? In studying a range of firms across a range of contexts and industries, the course builds on recent advances in industrial organization and organizational economics. We use a number of cases and real life examples/simulations to discuss each of the points presented in the course. As such, the course ultimately is designed to focus on the essential topics and problems of Marketing Analytics as experienced by business managers in real life situations. Ultimately, the course will emphasize two kinds of skills: Analytical skills, which are required for Marketing Analytics; and 'soft' (i.e. leadership) skills, which are required for implementation. The course will begin with the analytical skills and then move on to implementation issues.

May 15–July 31, W, 6:15–9:00 p.m.

Letizia Affinito

**ADEC 791001 Software Tools for Data Analysis**

The course provides students with an overview of popular software packages used for data exploration, analysis and visualization. The first part of the course offers an overview of the non-programming tools spreadsheet/Excel and Tableau. In Excel we will cover basic method, tools, charts, with the emphasis on pivot tables. In Tableau students will be introduced to data collection, exploration and visualization methods. The second part of the course will provide an intro to using SQL databases, where students will learn how to create SQL queries to select, filter and arrange data. The third part of the course will cover basic data analysis in statistical software packages Stata and R. Here students will learn how to write their own code for importing, cleaning and exploring large datasets, as well as how to create, modify and export complex charts and summaries for visual, qualitative and quantitative analysis of the data.

June 24–July 31 M W, 6:15–9:00 p.m.

Anatoly Arlashin

**ADEC 794001 Environmental and Natural Resource Economics**

This course examines where the tension between economic activities and environment stems from, how economic activities cause environmental degradation and what kind of regulatory actions should be taken in order to maintain the balance between economic growth and environmental sustainability. The course has two main parts, theory and applications. We will start with analyzing the underlying economic theory of market failures, economic valuation, economic incentive instruments, and then move onto the applications of the economic theory to real world cases, i.e. air pollution control and climate change mitigation policies, water quality management and waste management.

May 15–June 19, M W, 6:30–9:00 p.m.

Gokce Olcum

**ADEC 888001 Directed Practicum**

Permission required from the Program Director. Directed Practicum course allows students in the MS in Applied Economics program to apply their coursework in a working environment either via internships for full time students or special projects at their place of employment for part-time students who work full time.

By Arrangement

**CYBERSECURITY POLICY AND GOVERNANCE PROGRAM**

**ADCY 620001 International Cybersecurity**

Course provides an in depth global perspective of international networking and communication, including foreign government and industrial espionage, global economies, international privacy and liability laws, sovereign threats, non-US government agencies, international security standards, cybercrime, cyber terrorism, cyber warfare, and import/export requirements. Course also examines the requirements for data location, international policing, and the role of Global Security Operating Centers (GSOCs) in monitoring and responding to international security events.  
 May 15–July 31, W, 6:30–9:00 p.m., Nathan Kearns

**ADCY 647501 Security in the Cloud**

**This is a hybrid course, which combines some in-person and some online class meetings. Refer to the course syllabus in Canvas and on the Woods College website for more detailed information.**

Course provides an understanding of basic cloud deployment models, including private, public, hybrid, and community, and the various service platforms (e.g., SaaS, PaaS, IaaS). Course addresses governance control and responsibility for cloud security together with cloud security components, and covers service provider security and its evaluation, security standards (e.g., SSAE-16, CSA-CCM, Shared Assessments, NIST, CIS), procurement, and service level agreements (SLAs). Security topics include traffic hijacking, data isolation/storage segregation, identity management, virtualization security, continuity, data recovery, logging, notification, and auditing.

May 14–July 30, T, 6:30–9:00 p.m., Julie Fitton

**ADCY 681001 Cybersecurity: Designing Offensive & Defensive Capabilities**

This technical course examines both offensive and defensive tools, tactics, and procedures in cybersecurity. The course focuses on the technical aspects of cybersecurity, including online attacks and the development of counter measures, varying threats (phishing, malware, social engineering, mobile attacks, network exploitation), defensive technologies, tactics, and strategies, and policy issues pertaining to privacy v. national security. This course will analyze offensive capabilities used by cyber criminals, nation states, and other adversaries to attack private and government infrastructures to develop and design proper detection capabilities, mitigation strategies, and response plans to recover from such attacks. Through hands-on simulations, topics covered include cryptography (e.g., PKI, encryption techniques, digital signatures), open source intelligence (OSINT), IoT vulnerabilities, software and hardware based attacks, and recovery procedures, among others.

May 16–Aug 1, TH, 6:30–9:00 p.m., Etay Maor

**ADCY 690001 Ethical Issues in Cybersecurity & the Ignatian Paradigm**

Course provides “real life” complex, ethical situations for students to evaluate, as both decision-maker and advisor, by addressing the various issues confronted by senior government and corporate professionals, nation states, and other parties of significance, involving the receipt and protection of critical and sensitive data. Specific topics include standard professional ethical frameworks of beneficence and non-maleficence; rights and justice; and issues related to privacy, intellectual property, and corporate espionage and fraud, while contrasting same with freedom of information and intellectual creativity. The course compares and contrasts global governments' and cultures' differing approaches to ethics, and enhances, from a framework of dialogue, discernment of action, and deliberation, the ability of students to make reasoned and responsible business decisions in a global economy. The course also examines aspirational versus mandatory ethical standards (i.e., the “right thing to do” vs. what is “legal” or “compliant”), through additional frameworks of reference, including review, reflection, and refinement of decisions.

May 20–July 29, M, 6:30–9:00 p.m.

Deborah Hurley

## 2019 Summer Graduate Courses

### SPORTS ADMINISTRATION PROGRAM

#### ADSA 750301 Sports Finance

**This is a hybrid course, which combines some in-person and some online class meetings. Monday meetings will take place ONLINE, Wednesday classes will be on campus. Refer to the course syllabus in Canvas and on the Woods College website for more detailed information.**  
(TBD)

*June 24–July 31 M W, 6:00–9:30 p.m., Marcus Blossom*

#### ADSA 758501 Sports Leadership and Ignatian-Based Ethics

**This is a hybrid course, which combines some in-person and some online class meetings. Refer to the course syllabus in Canvas and on the Woods College website for more detailed information.**

Sports leadership based on Ignatian ethics helps individuals, teams and organizations realize high achievement with integrity and compassion. In this course coaches, managers in sport, and student athletes study Ignatian values and how they inform leadership tasks: determining mission, values, and goals; communicating for positive impact; developing and motivating teams; identifying individual and organizational strengths; and in times of constant change, adapting to it and managing organizations through it. Assignments will include a leadership log and a paper and presentation about leaders whom the students identify as role models. Students will also initiate a leadership goal that they will present to the class and then write a paper applying concepts from the course. Students will also practice a range of leadership exercises and discuss current case studies.

*May 14–June 20, T TH, 6:00–9:30 p.m., Cathy Utzschneider and Joseph Patrnochak*

#### ADSA 801501 Sports Analytics

Sports analytics is a rapidly evolving industry with careers in professional and amateur organizations, in the media, for supporting tech companies, and elsewhere. It's a modern application of so many academic disciplines, such as mathematics, computer science, physics, economics, marketing, and psychology. However, success in this course or in the industry doesn't require expertise in any of the above. This is a course on constructing, interpreting and communicating quantitative arguments in sports. For example, it might be quantifying injury risk for a pitcher, analyzing that risk relative to age and injury history, and then arguing to a general manager why they should or shouldn't sign player X to contract Y. Or, it might be investigating if there is a lack of competitive balance in women's college basketball, and if so, the reasons why. Students will develop statistical and writing literacy, learn basic computational skills and practice delivering oral arguments. Most importantly, students will think critically about real-world problems, where there isn't one correct solution and where there are many valid approaches. While students will do all of this in sports—a familiar medium where most have strong opinions and where amazing data is publicly available—these skills and competencies have universal application.

*May 15–June 19, M W, 6:00–9:30 p.m., Stephen Shea*

#### ADSA 801801 The Athletic Director

The role of the collegiate athletic director has evolved greatly over the years, from “former football coach turned administrator” to seasoned business executive. The Athletic Director today, particularly at the highest levels of Division I, holds roles and responsibilities similar to a chief executive officer in a corporation and must have the acumen to match in order to be successful. This course will examine the myriad responsibilities that today's AD's hold in running the athletic enterprise on a college campus. The course will also delineate and define the most important leadership aspects of the position and those that are most determinate of successful careers in the field. The course will review the evolution of the position and describe the differences that are inherent in the position, based on university NCAA classification.

*June 25–Aug 1, T TH, 6:00–9:30 p.m., Mike Lynch*

#### ADSA 900101 Sports Administration Internship

This course is designed to immerse students within a work setting at a institution, private high school, or professional sport organization to enhance their experience and put their classroom knowledge to work in a practical setting. This experience should be fitted to the student's career development and interests. The student works with course instructors to find an opportunity to observe and work in an athletic administrative capacity under the guidance of a professional athletic administrator.

*May 15–Aug 2, By Arrangement, Vaughn Williams and Jade Morris*

#### ADSA 990201 Applied Research Project

**This is a hybrid course, which combines some in-person and some online class meetings. Refer to the course syllabus in Canvas and on the Woods College website for more detailed information.**

The Capstone Project for Sports Administration gives students the opportunity to apply the knowledge acquired throughout their graduate program to real-world situations. This knowledge will culminate in a final presentation and major paper that reflects in-depth, individualized research. As such this course provides students the opportunity to integrate knowledge from their core and concentration courses, to gain insight into the meaning of professionalism, and to produce a research project that can be leveraged in their current work setting to showcase their skills and talents. This project can also be used to highlight their background to prospective employers.

*May 15–Aug 2, By Arrangement, Cathy Utzschneider*

# ACADEMIC NOTES

Class #

Class Title



# SUMMER FACULTY 2019

Letizia Affinito, Ph.D. Catholic University of the Sacred Heart (Milan)  
David Aldama-Navarrete, Ph.D. cand. Boston College  
Jasmine Alvarado, Ph.D. cand. Boston College  
Drew Alexander, Ph.D. cand. Boston College  
Jacqueline Arko, B.A. Boston College  
Anatoly Arlashin, Ph.D. Boston College  
Karen Atkinson, Ph.D. Northeastern  
Nathaniel Bastian, Ph.D. Pennsylvania State University  
Alex Bloom, A.M., Ph.D. Boston College  
Susan Bradley, Ph.D. Northeastern  
Marcus Breen, Ph.D. Victoria University Melbourne  
David Burgess, Ph.D. University of California at Davis  
Jordan Bulka, Ph.D. cand. Boston College  
James Burns, I.V.D., Ph.D. Northeastern  
Daniel Callahan, Ph.D. Columbia  
Donnah Canavan, Ph.D. Columbia  
Kyle Carr, Ph.D. cand. Boston College  
Jaclyn Carroll, Ph.D. cand. Boston College  
Christine Caswell, B.A. Boston College  
Mustafa Cengiz, M.Sc. Bogazici University (Turkey)  
Michael Cermak, Ph.D. Boston College  
Daniel W. Chambers, A.M., Ph.D. Maryland  
Aza Chirkova, M.A., M.B.A. Boston College  
Patricia Clarke, M.B.A. Babson College  
Matthew Clemente, M.A., Ph.D. Boston College  
Marie Clote, M.A., D.E.A. Universite Paris VII  
Caliesha Comley, M.A., Ph.D. cand. Boston College  
Neal Couture, M.Ed. George Washington  
Brian Cronin, Ph.D. Tufts University  
Daniel Cuenca, Ph.D. cand. Boston University  
Pia Cuneo  
Jeffrey DaCosta, Ph.D. Boston University  
Hessam Dehghani, M.A. Tehran, Ph.D. Allemehtabatabai  
Matt DelSesto, M.A. Boston College  
Lynn DiBenedetto, Ph.D. University of Massachusetts (Worcester)  
Douglass Dineen  
David DiPasquale, Ph.D. Harvard University  
Mary K. Dunn, PhD University of North Carolina Chapel Hill, Postdoctoral Training Harvard Medical Sch  
Rebecca Dunn, Ph.D. Northwestern University  
Jeremy J. Eberhard, Ph.D. Rockefeller  
Samantha Eddy, Ph.D. cand. Boston College  
Stephanie Edwards, Ph.D. Boston College  
Christian Engelbrecht, Ph.D. University of Cape Town  
Jan Engelbrecht, Ph.D. Illinois (Urbana)  
Ali Erol, Ph.D. Howard University  
William Evans  
Silvana Falconi, M.A., Ph.D., Purdue University  
Donald Fishman, A.M., Ph.D. Northwestern  
Julie Fitton, B.B.A. Massachusetts (Amherst), M.B.A. Assumption  
Jared Fitzgerald, Ph.D. cand. Boston College  
Lawrence Fulton, Ph.D. University of Texas Austin  
Timothy Furlan, Ph.D. Trinity College Dublin  
Kenneth Galli, Ph.D. Massachusetts (Amherst)  
John Gallagher, Ph.D. Syracuse University  
Barbara Gawlick, D.M.A. New England Conservatory of Music  
Teresa Gelardo Rodriguez, Ph.D. Public University of Navarre (Spain)  
Ellen Goldstein, Ph.D. Tufts University  
David M. Goodman, Ph.D. Fuller School of Psychology  
G. William Griffin, Ph.D. Tufts University  
Jennifer Gumm, Ed.D. Pepperdine  
Ellen Gutowski, Ph.D. cand. Boston College  
Mathias Hasler, Ph.D. cand. Boston College  
Andrzej Herczynski, M.S., Ph.D. Lehigh  
Elisabeth Hiles, Ph.D. Pepperdine University  
Xiaorui Huang, Ph.D. cand. Boston College  
Deborah Hurley, J.D. U.C.L.A. School of Law  
Donald James, Ph.D. cand. University of Chicago  
Claudia Kale, Ph.D. Vanderbilt University  
Thomas Kaplan-Maxfield, Ph.D. Boston College  
Mark Kazarosian, Ph.D. Boston College  
Hossein Kazemi, M.A., Ph.D. Clark  
Nathan Kearns, J.D. Rutgers University Law School  
Christopher Kenaley, Ph.D. University of Washington  
Andrea Kirmaier, M.S., Ph.D. Friedrich-Alexander University (Germany)  
Jenna Kokot, Ph.D. cand. Boston College  
Leah Kosch, M.A. Longy School of Music  
Peter J. Kreeft, A.M., Ph.D. Fordham University  
Jeffrey Lamoureaux, Ph.D. Duke University  
Selva Lewin-Bizan, Ph.D. Boston College  
Joyce Lindmark, Esq., Ph.D. Boston College  
Michael Lynch, M.S.Ed., University at Albany (NY)  
Sean MacEvoy, B.S., Ph.D. Brown  
Timothy McCranor, Ph.D. cand. Boston College  
Richard McGowan, Th.M. Weston School of Theology, D.B.A. Boston University  
Martin Menke, Ph.D. Boston College  
Kenneth Metz

# SUMMER FACULTY 2019 (CONT.)

John Michalezyk, M.Div. Boston College, Ph.D. Harvard

Susan Michalezyk, Ph.D. Harvard

Barbara Mikolajczak, B.S., Boston University

Karen Miller, Ph.D. California (Santa Barbara)

Etay Moar, Interdisciplinary Center (IDC) Israel

Kristina Moore, Ph.D. University of Northern Colorado

Jeremiah Morelock, Ph.D. cand. Boston College

Jade Morris, M.Ed. Springfield College

Eric Moss, Ph.D. cand. Boston College

Cristina Mullican, Ph.D. cand. Boston College

Greer Muldowney, M.F.A. Savannah College of Art and Design

Marie Natoli, Ph.D. Tufts, M.B.A., J.D. Suffolk

Lisa Nelson, Ph.D. Boston College

Gregory Noone, Ph.D. West Virginia University

Kelsey Norwood, Ph.D. cand. Boston College

Colin Notis-McConarty, Ph.D. cand. Boston College

Suzanne O'Brien, M.S. University of New Hampshire (Durham)

Marilee Ogren, Ph.D. University of Washington

Gokce Olcum, Ph.D. Bilkent (Turkey)

Timothy Orwig, B.A. Morningside College

Joseph Patrnochak

Robert Pritchard, Ph.D. Northeastern University

Lorenzo Puente, Ph.D. Boston College

Nicholas Quadrini, Ph.D. cand. Boston College

Harshit Rajaiya, Ph.D. cand. Boston College

Brian Reeves, M.F.A. University of Wisconsin-Madison

Braedon Reinoso, Ph.D. cand. Boston College

Yi Ren, Ph.D. cand. Boston College

Susan Roberts, M.A. Boston College

Rita Rosenthal, A.M. Bowling Green

Xanthe Samaras, M.B.A. Northwestern University

Priyanka Sarda, Ph.D. cand. Boston College

Barbara Sargent, M.A. University of Massachusetts

David Sessions, Ph.D. cand. Boston College

Eric Severson, Ph.D. Boston University

Stephen Shea

Matthew Sienkiewicz, Ph.D. Wisconsin-Madison

Cedric-Michael Simmons, M.A., Ph.D. cand. Boston College

James Smith, Ph.D. Boston College

Dylan Spets

Aleksander Tomic

Stacey Santos Topper, Ph.D. Boston College

Cathy Utzschneider, Ed.D. Boston University

Aaron Walsh, Boston College

Yu Wang, Ph.D. Rutgers, Ph.D. cand. Boston College

Andrea Wenz, Ph.D. Boston College

Jeremy Wilkins, Ph.D. Boston College

Heather Williams, M.A. Harvard University Extension School

Jason Williams, B.S. Boston College, C.P.A. Massachusetts

Vaughn Williams

Jamison Wolf, Ph.D. Tufts

Christopher Wood, A.M., Ph.D. Yale

Xizolin Zhang, Ph.D. cand. Boston College

# SUMMER COURSES 2019

## SUMMER: MAY 14–JUNE 21

**ADEC 7310 Data Analysis**  
**ADEC 7430 Big Data Econometrics**  
**ADEC 7500 Ethics, Economics, and Public Policy**  
*ADEC 7540 Marketing Analytics for Economists*  
*ADEC 7940 Environmental & Natural Resource Econ*  
*ADEC 8880 Directed Practicum*  
*ADGR 7703 Research Methods and Data Analysis*  
*ADGR 7704 Accounting and Financial Analysis I*  
*ADGR 8006 Communicatn in a Global Wrk Environment*  
*ADGR 8055 Human Resources Development*  
*ADSA 7585 Sports Leadership & Ignatian-Based Ethics*  
*ADSA 8015 Sports Analytics*

*ADCJ 1001 Introduction to Criminology*  
*ADJO 3349 Politics and the Media: Power and Influence*  
*ADSY 1140 Research: Techniques and Processes*  
*ARTS 2250 Intro to Digital Design*  
*ARTS 2276 Art and Digital Technology*  
*APSY 2242 Interpersonal Relations*  
*APSY 2152 Applied Psychology Practicum*  
*BIOL 1480 Pathogens and Plagues*  
*BIOL 2150 Pathophysiology*  
*BIOL 3030 Introductory to Physiology*  
*BIOL 3040 Cell Biology*  
*BIOL 3050 Genetics*  
*COMM 1030 Public Speaking*  
*COMM 2210 Broadcast and Digital Communication*  
*COMM 2278 Social Media*  
*COMM 2308 Entertainment Media*  
*ECON 1131 Principles of Economics I: Micro (Lecture)*  
**ECON 1132 Principles of Econ II: Macro (Online)**  
*ECON 3338 Law and Economics*  
*ECON 3365 Public Finance*  
*EESC 1140 Our Mobile Earth*  
*ENGL 1010 First Year Writing Seminar*  
*ENGL 1080 Literature Core: Marginal in America*  
*ENGL 2210 Introduction to Creative Writing*  
*ENVS 3210 Bldg Sustainable Commnties: Detroit&Boston*  
*FILM 2283 History of European Cinema*  
**HIST 1027 Modern History I**  
*HIST 1081 Modern History I*  
*HIST 1118 Atlantic Worlds, 1800-Present*  
*HIST 2882 Renaissances and Reformations*  
*MATH 1100 Calculus I*  
*MATH 3353 Statistics*  
*MFIN 1022 Fundamentals of Finance*  
*MGMT 1021 Organizational Behavior*  
*MUSA 1100 Fundamentals of Music Theory*  
*MUSA 1200 Introduction to Music*  
*MUSA 1300 History of Popular Music*  
*MUSA 1320 Introduction to Musics of the World*  
*PHIL 1070 Philosophy of the Person I*  
*PHIL 1252 Practical Logic*  
*PHIL 1525 Introduction to Ethical Theory*  
*PHIL 4470 Philosophy of World Religions*  
*POLI 1041 Fundamental Concepts of Politics*  
*POLI 2625 Islam, the Muslim Wrld, & Democratic Politics*  
**PSYC 1120 Intro to Behavioral Statistics & Research I**  
*PSYC 2234 Abnormal Psychology*  
*PSYC 2269 Child Development*  
*PSYC 2272 Cognitive Psychology: Mental Processes*  
*PSYC 2281 Sport Psychology*  
*SOCY 1001 Introductory Sociology I*  
*SOCY 1024 Gender and Society*  
*SOCY 1031 Society and Environmental Transformations*  
*SOCY 3307 Race in the Criminal Justice System*  
*SOCY 3321 Bldg Sustainable Commnties- Detroit&Boston*  
*THEO 1001 Biblical Heritage I*  
*THEO 1016 Introduction to Christian Theology I*  
*THEO 1023 Exploring Catholicism I*  
*THTR 1170 Introduction to Theatre*

## SUMMER: MAY 14–MAY 30

*BIOL 1300 Anatomy and Physiology I*

## SUMMER: MAY 14–AUG 1

*ADCY 6200 International Cybersecurity*  
*ADCY 6475 Security in the Cloud*  
*ADCY 6810 Cybersec: Designing Offnsv&Defnsv Capablts*  
*ADCY 6900 Ethical Iss in Cybersecu & Ignatian Paradigm*  
*ADGR 9902 Applied Research Project*  
*ADSA 9902 Applied Research Project*

## SUMMER: MAY 29–JULY 1

*CHEM 3351 Analytical Chemistry*

## SUMMER: JUNE 3–JUNE 20

*BIOL 1320 Anatomy and Physiology II*

## SUMMER: JUNE 3–JUNE 27

*PHYS 2100 Introduction to Physics I*  
*PHYS 2110 Intro Physics I Recitation*

## SUMMER: JUNE 8–JUNE 29

*ISYS 2160 Swift/iOS Boot Camp-Dublin Ireland*

## SUMMER: JUNE 10–JUNE 14

*ADGR 7708 Project Management*

## SUMMER: JUNE 10–JUNE 29

*ADIT 1300 Coding Boot Camp*

## SUMMER: JUNE 10–JULY 3

*CHEM 2011 Organic Chemistry I (Summer)*

## SUMMER: JUNE 17–JULY 8

*CHEM 1011 General Chemistry I (Summer)*



# SUMMER COURSES 2019 (CONT.)

## SUMMER: JUNE 24–JULY 11

BIOL 2200 Microbiology for Health Professionals  
SPAN 1015 Elementary Spanish I  
SPAN 1115 Intermediate Spanish I  
SPAN 1116 Intermediate Spanish II

## SUMMER: JUNE 24–AUG 2

**ADEC 7320 Econometrics**  
**ADEC 7370 Applied Stress Testing for Economists**  
ADEC 7390 Empirical Money and Banking  
ADEC 7910 Software Tools for Data Analysis  
ADEC 8880 Directed Practicum  
ADGR 7777 *Evolution of Mktg Strats / Digital Era*  
ADGR 7785 *Ldrshp&Decisn Mking:Igntn-Based Appl Eths*  
**ADGR 8015 Business Strategy**  
ADGR 8045 Public Relations/Crisis Communication  
ADSA 7503 Sports Finance  
ADSA 8018 The Athletic Director

## **ADIT 1341 Social Media: To The Web and Beyond**

APSY 3244 Adult Psychology  
APSY 3320 *Bldg Sustainable Communitis:Detroit&Boston*  
ARTH 1102 Art: Renaissance to Modern Times  
ARTS 1101 *Drawing I: Foundations*  
ARTS 1163 *Intro to Digital Photography*  
BIOL 2300 Biostatistics  
COMM 1030 Public Speaking  
COMM 2210 Broadcast and Digital Communication  
COMM 4449 Crisis Communication  
**ECON 1131 Principles of Economics I: Micro (Online)**  
*ECON 1132 Principles of Economics II: Macro (Hybrid)*  
ECON 3361 Monetary Theory & Policy  
EDUC 3308 Bilingualism in Schools and Communities  
*EESC 1163 Environmental Issues & Resources*  
ENGL 1010 First Year Writing Seminar  
*ENGL 1080 Literature Core*  
ENGL 2143 American Literary History  
FILM 2279 Social Issues in Literature and Film  
HIST 1028 Modern History II  
HIST 1082 Modern History II  
HIST 1117 *Atlantic Worlds, 1500-1800*  
HIST 2873 The Modern Presidency, 1932-2018  
MATH 1004 Finite Probability and Applications  
MATH 1100 Calculus I  
MATH 1101 Calculus II  
MATH 2210 Linear Algebra  
MATH 3353 Statistics  
MFIN 1152 Fundamentals of Investments  
MFIN 2211 Fundamentals of Private Venture Financing  
MKTG 1021 Marketing Principles  
*MUSA 1100 Fundamentals of Music Theory*  
MUSA 1200 Introduction to Music  
MUSA 1320 *U*Introduction to Musics of the World  
*PHIL 1071 Philosophy of the Person II*  
PHIL 1252 Practical Logic  
*POLI 1042 Introduction to Modern Politics*  
PSYC 2234 Abnormal Psychology  
PSYC 2242 Personality Theories  
PSYC 2271 Memory and The Brain  
RLRL 1020 Drama of Immigratn in Latin Amer Lit & Film  
SOCY 1001 Introductory Sociology  
SOCY 1030 Deviance and Social Control  
SOCY 1078 Sociology of Health and Illness  
SOCY 3307 Race in the Criminal Justice System  
*THEO 1002 Biblical Heritage II*  
*THEO 1017 Introduction to Christian Theology II*  
THEO 1024 Exploring Catholicism II  
*THTR 2001 Fundamentals of Improvisation*

## SUMMER: JULY 1–JULY 25

PHYS 2101 Introduction to Physics II  
PHYS 2111 Introduction to Physics II Recitation

## SUMMER: JULY 1–AUGUST 16

**MATH 1100 Calculus I**  
***PHIL 1510 Introduction to Ethics***  
**SOCY 1001 Introductory Sociology I**  
**PSYC 1110 Intro to Brain, Mind, and Behavior**

## SUMMER: JULY 3–AUGUST 16

**ADEC 7460 Predictive Analytics/Forecasting**  
SPAN 1116 Intermediate Spanish II

## SUMMER: JULY 8–AUGUST 2

CHEM 2012 Organic Chemistry II (Summer)

## SUMMER: JULY 9–AUGUST 2

CHEM 1012 General Chemistry II (Summer)

## SUMMER: JULY 15–AUG 1

SPAN 1016 Elementary Spanish II  
SPAN 1116 Intermediate Spanish II

**BOLD = Fully ONLINE, Asynchronous**  
***BOLD & Italic = Fully ONLINE Synchronous***  
*Italic = HYBRID*