

Drew University
SummerTerm 2018 Course List
drew.edu/summer
Last updated 2-15-18



Lighten your fall course load.

Explore the workings of Wall Street.

Get 4 or 8 credits closer to graduation.

Take advantage of reduced tuition.

Drew University

Drew University is a fully accredited independent institution of higher learning. We offer programs of the highest academic standards in the liberal arts. Located on an idyllic wooded campus in Madison, New Jersey – just 29 miles west of New York City, Drew is known for inspired teaching, individualized experiences and educational excellence.

SummerTerm courses are intended for Drew's college students as well as visiting students from other colleges and universities. Academically talented rising high school juniors and seniors are invited to attend introductory- or intermediate-level courses at Drew for college level credit.

DATES

Session I*

Monday, May 21 – Friday, June 29, 2018

No classes on Memorial Day, May 28, 2018

Session II*

Monday, July 2 – Friday, August 10, 2018

No classes on Independence Day, July 4, 2018

**Courses may run for less than six week within each session. Please review course details below for additional information on dates, times and class duration.*

Applications Being Accepted Now

<http://www.drew.edu/undergraduate/areas-of-study/summer-term>

Registration Begins

Monday, March 12, 2018

TUITION AND FEES

Tuition

\$721 per credit (unless otherwise noted)

\$2,884 per 4-credit course

\$5,768 per 8-credit course

Fees

Application Fee: \$25 (nonrefundable)

Lab/Studio/Course Fees: Required for some courses. See course description for details.

Parking Fee: \$50 (academic year stickers are valid throughout the summer)

Transcript Fee: \$25 (one-time fee)

Financial Assistance

Financial assistance is not available for SummerTerm classes.

REGISTRATION PROCESS

Drew Students

Register via TreeHouse Self-Service. Most summer courses run on an open enrollment basis so a Pin Number will not be required to register. It is recommended that you consult with your academic advisor before making your course selections.

Visiting Students

Visiting students must be in good academic standing at their home school and have successfully met all course prerequisites in order to enroll. It is the responsibility of visiting students to secure approval from their home schools before registering for summer classes. Drew cannot guarantee that a course will be transferable, but can provide course syllabi to assist with this process. To register:

1. Submit your application by clicking the green “Apply for Classes” button located towards the bottom of the SummerTerm webpage at <https://www.drew.edu/summer>.
2. Once your application has been processed, you will receive an email asking you to activate your Drew account. Activating your account will give you access to TreeHouse, Drew’s student portal online. Access to TreeHouse is required in order to:
 - a) **Register for classes** by clicking on “Add or Drop Classes” under the “Registrar” heading. Please review the [Registration Instructional Video](#) for further assistance with the registration process. Keep in mind, pin numbers are not required to register for summer classes.
 - b) **Classes with prerequisites** that were not completed at Drew, will require you to complete a [Registration Agreement](#). The Registrar’s Office will manually process your request upon receipt of your completed Registration Agreement.
 - c) **Complete health forms** by clicking on “MyHealthPortal” under the “Help and Services” heading (required of all students attending summer classes).
 - d) **View your statement of charges** (payment is due before classes begin).
 - e) **Register your car for a parking pass** by clicking on “MyParking” under “Vehicles on Campus” if you plan on driving to campus.

BILLING AND REFUNDS

Paperless Billing

Please note that billing statements for summer tuition and fees are only available in electronic form. Paper billing statements will not be mailed to a student’s home address. Students can access their electronic billing statement through TreeHouse, their Drew student portal online, starting mid-April. For additional information regarding billing, contact Student Accounts at 973-408-3114 or studentaccounts@drew.edu. Student Accounts is located in Holloway Hall.

Payment

Is due in full *before* the start of summer classes.

Cash Payment: must be presented in the Student Accounts Office in person.

Check or Money Order: may be presented in the Student Accounts Office or mailed to the payment address below:

Drew University
Student Accounts
36 Madison Avenue
Madison, NJ 07940

Credit Card Payments: may be authorized using a Master Card, American Express, Visa, or Discover Card through TMS Payment Gateway which can be accessed from TreeHouse. There is a fee associated with the use of this service and is based on the amount being paid. The convenience fee is 2.99% of your transaction amount with a minimum of a \$1.00 fee. TMS also offers the option of making payment directly from your checking or savings account as well as via Automated Clearing House (ACH) transaction.

Payment questions? Contact Student Accounts at 973-408-3114 or studentaccounts@drew.edu or visit: <http://www.drew.edu/fba/students-parents/>

REFUND POLICY

The \$25 application fee is non-refundable except in cases when Drew University cancels an undergraduate course.

Standard Schedule Classes

For any four- or six-week classes, the deadline for full tuition refunds is the Tuesday of the first week of classes; the deadline for a 50 percent refund is the Thursday of the first week of classes. No refunds will be issued after the Thursday of the first week of classes.

Intensive Schedule Classes

Any classes meeting for fewer than four calendar weeks is considered an intensive class. Students who withdraw after registering but before the first meeting of the course will receive a full refund, less the \$25 application fee. Students who withdraw before the second full day of the course receive a 50 percent tuition refund. Students who withdraw after the second full day of the course receive no refund.

COURSE CANCELLATIONS

The university reserves the right to cancel courses. Should a course not meet sufficient enrollment, registered students will be notified one week prior to the start of that course. Students registered for a canceled course may transfer to another course or receive a full tuition refund. If you have any questions regarding the status of your summer course, please call the Office of Continuing Education at 973-408-3310.

ADDITIONAL INFORMATION

DISABILITY SERVICES

The Office of Accessibility Resources determines eligibility services for students with disabilities. All students with documented disabilities are encouraged to register with the Office of Academic Services as soon as possible. Services cannot be provided until students officially register and documentation meeting the university standards is submitted and approved. There are no retroactive accommodations. Students with disabilities should review the website below.
<http://www.drew.edu/academic-services/disability-services>

Questions? Contact Diane Moscaritolo at 973-408-3962 or dmoscaritolo@drew.edu.

HOUSING

On-campus housing is available to college students during the summer. Interested students must complete the on-line Summer Housing application at the link below.
<https://www.drew.edu/reslife/summer-housing-information>

Questions? Contact Robert Meade at 973-408-3681 or rmeade@drew.edu.

SUMMER I.D. CARDS

Students new to Drew who have registered and paid all fees may obtain their Drew Identification Card at the Student Accounts Office, located on the first floor of Holloway Hall. A Drew Identification Card is necessary in order to secure a parking pass and to borrow books from the Drew library.

PARKING PERMITS

Parking permits are required for students who will be driving to campus. The permit may be obtained at Pepin Services Center (at the cost of \$50 which will be charged to the student's account). Academic year stickers are valid through the summer for Drew students.

Before a summer parking permit can be issued, students must pay their bill in full and obtain a Drew Identification Card. They will then need to register their cars through TreeHouse under the "Vehicles on Campus" heading by clicking on "MyParking."

After registering online, students will be required to park the car they intend to drive outside Pepin Service Center and provide the following documents for review:

- Drew Student Identification Card
- Driver's License
- Vehicle Registration
- Insurance

Course Details

Course particulars and room assignments are subject to change. For the most up to date information, please visit the Registrar's Summer Term 2018 Course List at the link below:

<http://www.drew.edu/registrar/catalog>

Transcripts

The permanent records of students who are enrolled for credit are maintained by the Office of the Registrar. Summer course credits and grades for students who are matriculated at Drew are automatically added to their academic record. For visiting students, transcript will be mailed to another institution **upon request by the attending student**. Visit the following link for additional information:

<http://www.drew.edu/registrar/student/transcript-requests>

Credit Courses for High School Students

Rising high school juniors and seniors may apply to attend introductory level college credits for academic credit. The application involves submitting an application online at drew.edu/summer. In addition to the application online, students must submit the following:

- Official High School Transcript
- Letter of Recommendation from Teacher
- Letter of Recommendation from Guidance Counselor
- \$25 Application Fee (you will be billed for this)

Application materials should be mailed to: Office of Continuing Education, Drew University, 36 Madison Avenue, Madison, NJ 07940. Letters of recommendation can be sent directly to Sunita Bhargava, Director of Transfer and Continuing Education at sbhargav@drew.edu if sent directly by your recommender.

High school students pay a reduced \$500 per credit tuition for on-campus courses (this rate does not apply to the study abroad Global Perspectives course or the Wall Street Summer Program which is not open to high school students).

If you are interested in attending an intermediate level or upper level courses, please contact the Office of Continuing Education at summer@drew.edu or 973-408-3310 to see if special permission can be granted.

Questions? Please contact the Office of Continuing Education at 973-408-3310 or summer@drew.edu.

Course Offerings by Session

Session I

- ART 112 – A (40006) Ceramic Sculpture I
- ART 120 – A (40007) Digital Imaging
- ART 212 – A (40011) Ceramic Sculpture II
- ART 220 – A (40012) Digital Video
- ARTH 102 – A (40013) Survey of Western Art: Early Modern, Modern, and Contemporary Art
- BIOL 250 – A (40014) Molecular and Cellular Biology (with lab BIOL 250L – A)
- BIOL 256 – A (40015) Anatomy and Physiology I (with lab BIOL 256L – A)
- BST 115 – A (40021) Fundamentals of Financial Accounting
- CHEM 160 – A (40022) Principles of Chemistry II (with lab CHEM 160L – A)
- CHEM 250 – A (40023) Organic Chemistry I (with lab CHEM 250L – A)
- CSCI 150 – A (40029) Introduction to Computer Science in Python
- ECON 102 – A (40050) Economic Principles: Macroeconomics
- ECON 281 – AX (40051) Wall Street and the Economy (The Wall Street Program)
- ENGH 120 – A (40045) Introduction to Film Analysis
- FILM 101 – A (40046) The Art of Film
- HIST 201 – A (40130) Kings, Witches, and Shakespeare: Early English History
- MATH 117 A (40055) Introduction to Statistics
- MATH 150 – A (40056) Calculus and Analytic Geometry I
- MATH 213 – A (40060) Introduction to Logic
- NEUR 101 – A (40062) Introduction to Neuroscience
- PHIL 213 – A (40061) Introduction to Logic
- PHIL 214 – A (40064) Business Ethics
- PHIL 328 – A (4066) Philosophy of Religion
- PHIL 330 – A (40067) Philosophy of Law
- PHYS 111 – A (40069) Introductory Physics I (with lab PHYS 113 – A)
- PSCI 104 – A (40073) International Relations
- PSCI 330 – A (40068) Philosophy of Law
- PSYC 101 – A (40074) Introduction to Psychology
- PSYC 342 – A (40077) Social Psychology

- REL 214 – A (40065) Business Ethics
- SPAN 101 – A (40080) Fundamentals of Oral and Written Spanish I
- SPAN 201 – A (40082) Intermediate Spanish

Session II

- ANTH 104 – B (40004) Cultural Diversity: Cultural Anthropology and Linguistics
- ART 106 – B (40005) Drawing I
- ART 130 – B (40008) Photography I
- ART 130 – B (40009) Photograph I
- ART 160 – B (40010) Painting I
- BIOL 258 – B (40016) Anatomy and Physiology II (with lab BIOL 258L – B)
- CHEM 350 – A (40024) Organic Chemistry II (with lab CHEM 350L – B)
- CSCI 150 – BX (40028) Introduction to Computer Science in Python (online)
- CSCI 151 – B (40030) Object Oriented Programming in Java
- CSCI 190 – B (40031) Introductory Topics in Information Technology: C for Hackers
- CSCI 260 – B (40032) Introduction to Computer Systems & Architecture
- ECON 101 – B (40129) Economic Principles: Microeconomics
- ENGH 115 – B (40048) Literary Studies: Presentations of Masculinity in American Bildungsroman Film
- ENGH 121 – B (40049) Introduction to Media Studies
- ENGH 201 – B (40047) Intermediate Selected Topics in Literature: Short Fiction – the Fiction of Enclosure
- HUM 197 – X (40097) Global Perspectives through an Interdisciplinary Study of Irish History and Culture
- MATH 001 – B (40053) Preparation for Calculus
- MATH 117 – B (40054) Introductory Statistics
- MATH 150 – B (40059) Calculus and Analytic Geometry I
- MATH 151 – B (40057) Calculus and Analytic Geometry II
- MATH 250 – B (40058) Calculus and Analytic Geometry III
- NEUR 354 – B (40063) Cognitive Neuroscience
- PHYS 112 – B (40070) Introductory Physics II (with lab PHYS 114 - B)
- PYSC 101 – B (40075) Introduction to Psychology
- PSYC 211 – B (40076) Research Methods
- PSYC 354 – B (40078) Cognitive Neuroscience
- REL 392 – B (40079) Religions Interaction in West Africa: A History of Religious Approach
- THEA 386 – B (40131) Theatre in the Community: The Newark Collaboration

Please note: some of the classes listed on the Registrar's course list online are not open to visiting students, such as EAP, EDUC, and off-campus programs abroad.

SummerTerm Course Details

Session I

Ceramic Sculpture I – 40006 – ART 112 – A

4 credits. An introduction to the creative possibilities of ceramics emphasizing diverse approaches to clay as a sculptural material. Exploration of hand building techniques, glazing and firing, mold making and casting, as well as ceramic tile mosaic and mixed media, to consider issues of form, content, surface, scale, color, and process. Class discussions establish connections between clay investigations and fundamental questions from contemporary and art history.

GenEd.: CLA-Breadth/Arts
Instructor: Prof. William Mutter
Course Fee: \$100
Dates: May 21 – June 27 (6 weeks)
Times: 9:00 a.m. – 12:30 p.m.
Days: M, W
Room: Dorothy Young Center for Arts 7

Digital Imaging – 40007 – ART 120 – A

4 credits. This course introduces the computer as a fine arts tool, and provides an overview of digital arts concepts and terminology. Students will solve design problems using a variety of computer software applications. Critical awareness of new media in a historical context is encouraged through lectures, discussion and critiques.

GenEd: CLA-Breadth/Arts
Course Fee: \$60
Instructor: Prof. Janne Hoeltermann
Dates: May 22 – June 14 (4 weeks)
Times: 1:00 p.m. – 4:30 p.m.
Days: T, W, TH
Room: Dorothy Young Center for Arts 102

Ceramic Sculpture II – 40011 – ART 212 – A

4 credits. Students develop more advanced and individualized approaches to clay. Emphasis on greater student independence and ambition in terms of confronting technical challenges and developing a personal direction.

Pre-requisite: [ART 112](#)
Instructor: Prof. William Mutter
Course Fee: \$100
Dates: May 21 – June 27 (6 weeks)
Times: 9:00 a.m. – 12:30 p.m.
Days: M, W
Room: Dorothy Young Center for Arts 7

Digital Video – 40012 – ART 220 - A

4 credits. Introduces digital video as a creative tool and offers a technical understanding of the video camera and non-linear editing. Students will learn to manipulate time, space and sound to create sequential, narrative and experimental works. Projects explore both formal and

conceptual issues integral to the history of video and filmmaking.

GenEd: CLA – Breadth/Arts
Course Fee: \$60
Instructor: Prof. Janne Hoeltermann
Dates: May 22 – June 14 (4 weeks)
Times: 9:00 a.m. – 12:30 p.m.
Days: T, W, TH
Room: Dorothy Young Center for Arts 102

Survey of Western Art: Early Modern, Modern and Contemporary– 40013 – ARTH 102 – A

4 credits. This course is a chronological survey of western art and architecture from the fourteenth century through the early twentieth century. It explores various geographic regions and diverse contexts, religious, social, political and economic, in which the works were made. Key art historical periods such as the Renaissance, the Baroque, and subsequent movements such as Romanticism, Impressionism, and Modernism are discussed. Students will master a chronological history of art and architecture in relation to the cultures in which they were produced.

GenEd: CLA – Breadth/Arts, CLA – Breadth/Humanities, CLA – Diversity International
Instructor: Prof. Margaret Kuntz
Dates: May 22 – June 14 (4 weeks)
Times: 1:00 p.m. – 4:30 p.m.
Days: T, W, TH
Room: Dorothy Young Center for Arts 106

Molecular and Cellular Biology – 40014 – BIOL 250 – A

4 credits. An introduction to composition, structure, and function of prokaryotic and eukaryotic cells, using themes of energy and reproduction. Topics include DNA replication, transcription, and translation, mutations, gene regulation, membrane function, cellular communication, motility, absorption, and secretion. Laboratory includes current research techniques such as cell culture nucleic acid characterization, cloning, and restriction mapping.

Prerequisite: [BIOL 160](#) and [CHEM 160](#)
Corequisite: Lab for Molecular and Cellular Biology – 40017 – BIOL 250L – A
GenEd.: CLA-Writing in the Major
Instructor: Prof. Stephen Dunaway
Dates: May 22 – June 28 (6 weeks)
Times: 9:00 a.m. – 12:00 p.m.
Days: T, TH
Room: TBA

Lab for Molecular and Cellular Biology – 40017 – BIOL 250L – A

Prerequisite: [BIOL 160](#) and [CHEM 160](#)
Corequisite: Molecular and Cellular Biology – 41114 – BIOL 250 – A
GenEd.: CLA-Writing in the Major
Instructor: Prof. Joanna Miller
Lab Fee: \$100
Dates: May 22 – June 28 (6 weeks)
Times: 1:00 p.m. – 4:00 p.m.
Days: T, TH
Room: TBA

Anatomy and Physiology I – 40015 – BIOL 256 – A 4 credits. An The first of a two-course sequence examining the structure and function of specific biological systems in vertebrate organisms, with a particular focus on mammals. Includes an overview of the evolution of organs and organ systems, system function at a biochemical and biophysical level, and the regulation and integration of multiple physiological systems within the whole organism. Primary focus will be on the integumentary system, the musculoskeletal system and the central nervous system. Laboratory will include the exploration of the dynamic function and regulation of human physiological systems and the study of anatomy through the use of interactive digital resources in conjunction with dissection of animal specimens.

Prerequisite: [BIOL 160](#) and [CHEM 160](#)
Corequisite: Lab for Vertebrate Anatomy and Physiology I – 40018 – BIOL 256L – A
GenEd.: CLA-Writing in the Major
Instructor: Prof. A.J. Russo
Dates: May 22 – June 14 (4 weeks)
Times: 9:00 a.m. – 12:00 p.m.
Days: T, TH
Room: TBA

Lab for Vertebrate Anatomy and Physiology I – 40018 – BIOL 256L – A

Prerequisite: [BIOL 160](#) and [CHEM 160](#)
Corequisite: BIOL 256 Anatomy and Physiology I
Instructor: Prof. A. J. Russo
Lab Fee: \$100
Dates: May 23 – June 13 (4 weeks)
Times: 10:00 a.m. – 4:00 p.m. (lunch break from 12:00 to 1:00 p.m.)
Days: W
Room: TBA

Fundamentals of Financial Accounting – 40021 – BST 115 – A

4 credits. This introductory course exposes students to the accounting principles and practices used by decision-makers associated with a business or governmental entity. Major topics include the accounting cycle, preparation and analysis of financial

statements, standards and procedures for assets and liabilities, and the roles of corporate communication and responsibilities with respect to the accounting process.

Instructor: Prof. Karen Crisonino
Dates: May 22 – June 28 (6 weeks)
Times: 9:20 a.m. – 12:30 p.m.
Days: T, TH
Room: TBA

Principles of Chemistry II – 40022 – CHEM 160 – A 4 credits. A continuation of [CHEM 150/CHEM 151](#) covering the structure of solids, kinetics, thermodynamics, equilibria, electrochemistry, and the principles of descriptive inorganic chemistry, including the transition metals.

Pre-requisite: C- or better in [CHEM 150/CHEM 151](#)
Co-requisite: [CHEM 160L](#)
GenEd.: CLA-Breadth/Natural Science, CLA-Quantitative
Instructor: Prof. Jonathan Porras
Dates: May 21 – June 29 (6 weeks)
Times: 9:00 a.m. – 11:30 p.m.
Days: M, W, F
Room: TBA

Principles of Chemistry II Lab – 40025 – CHEM 160L – A

Pre-requisite: C- or better in [CHEM 150/ CHEM 151](#); instructor permission required
Co-requisite: Principles of Chemistry II – 40022 – CHEM 160 A
Instructor: Prof. Mary-Ann Pearsall
Lab Fee: \$300
Dates: May 22 – June 28 (6 weeks)
Times: 8:40 a.m. – 11:40 a.m.
Days: T, TH
Room: Hall of Sciences S211

Organic Chemistry I – 40023 – CHEM 250 – A

4 credits. A systematic survey of structure, nomenclature, and reactions of common functional groups and carbon compounds. Topics include stereochemistry, chirality, stereoisomerism, nucleophilic substitution and elimination, insertions, radical processes, oxidation-reduction and acid-base equilibria. Includes spectroscopic analysis. Discusses applications to systems of biological significance.

Prerequisite: C- or better in [CHEM 160](#) or permission of instructor
Co-Requisite: Organic Chemistry Lab – 40026 – CHEM 250L – A
GenEd.: CLA-Breadth/Natural Science
Instructor: Prof. Sandra Keyser
Dates: May 21 – June 14 (4 weeks)
Times: 8:30 a.m. – 11:30 a.m.
Days: M, T, W, TH
Room: TBA

Organic Chemistry I Lab – 40026 – CHEM 250L – A**Prerequisite:** C- or better in [CHEM 160](#) or permission of instructor**Co-requisite:** [CHEM 250-A](#)**Instructor:** Professor Alan Rosan**Lab Fee:** \$300**Dates:** May 21 – June 14 (4 weeks)**Times:** 12:30 p.m. – 3:30 p.m.**Days:** M, T, W, TH**Room:** TBA**Introduction to Computer Science in Python – 40029 – CSCI 150 – A**

4 credits. How can we automatically solve problems using computers? By the end of this course, students should be able to implement solutions to solve basic computational problems using the Python programming language. Students will learn to design, implement, document and test programs, as well as learn to apply language concepts such as iteration, decision, user-defined functions, and lists. No previous programming experience is expected. Prospective computer science majors or minors should begin with this course which is also appropriate for students who wish to learn some programming but do not plan to take any additional computer science courses.

GenEd: CLA – Quantitative**Instructor:** Prof. Diane Liporace**Dates:** May 21 – June 14 (4 weeks)**Times:** 1:00 p.m. – 3:30 p.m.**Days:** M, W, TH**Room:** TBA**Economic Principles: Macroeconomics – 40050 – ECON 102 – A**

4 credits. An introduction to basic macroeconomic analysis with special emphasis on problems of unemployment, inflation, and economic growth. Topics include national income determination; money, financial markets, and monetary policy; fiscal policy and the economic role of government; the United States and the world economy.

GenEd: CLA – Breadth/Social Science, CLA – Quantitative**Instructor:** Prof. Bernard Smith**Dates:** May 21 – June 15 (4 weeks)**Times:** 10:45 a.m. – 12:45 p.m.**Days:** M, T, W, TH**Room:** TBA**Wall Street and the Economy – 40051 – ECON 281 – AX**

8 credits. The operations and institutions of financial markets; their role in financing new investments, pensions, etc.; their impact on local, national, and global economies. The economic history and ethical dimensions of Wall Street and its relation to

macroeconomic policy. Signature of instructor required for registration.

Pre-requisite: [ECON 101](#) and [ECON 102](#) and acceptance into the Wall Street Semester.**GenEd.:** CLA-Off Campus Experience, Drew University Short Term Summer Program**Instructor:** Prof. Marc Tomljanovich**Dates:** May 24 – June 15 (3 weeks)**No Classes:** May 28 and June 12**Times:** 9:00 a.m. – 5:00 p.m.**Days:** M, T, W, TH, F**Location:** Downtown New York**Introduction to Film Analysis – 40045 – ENGH 120-A**

4 credits. How do films invite us to emotionally identify with characters? How has cinema cultivated or challenged gendered and racialized ways of seeing? How does economics of the film industry influence the form and content of movies? This course will engage with such critical debates within film studies and thereby give students the tools to closely analyze and write about cinema. In addition to working with excerpts, each week students will watch and discuss in class a new feature-length film. Primary texts include a range of international films—from early silent shorts to more recent feature-length productions by directors like Alfred Hitchcock and Agnes Varda. Equivalent: [FILM 101](#).

GenEd: CLA – Breadth/Humanities, CLA – Breadth/Interdisciplinary**Instructor:** Prof. Max Orsini**Dates:** May 21 – June 27 (6 weeks)**Times:** 4:00 p.m. – 7:00 p.m.**Days:** M, W**Room:** TBA**The Art of Film – 40046 – FILM 101 – A**

4 credits. An introduction to the basic expressive elements of film art. Extensive screenings illustrate such elements as shot composition, editing, camera movement, color, lighting, and directorial style. Readings in film theory and criticism. Equivalent: [ENGH 120](#)

GenEd.: CLA-Breadth/Arts**Instructor:** Prof. Henry Margenau**Dates:** May 21 – June 27 (6 weeks)**Times:** 4:00 p.m. – 7:00 p.m.**Days:** M, W**Room:** TBA**Selected Topics in History: Kings, Witches, and Shakespeare: Early English History – 40130 – HIST 201 – A**

4 credits. A study of a historical theme or topic at the intermediate level that uses a methodological approach or viewpoint not fully explored within departmental

offerings. Topics vary. Amount of credit established at time of registration. Course may be repeated for credit as topic varies.

GenEd.: CLA-Breadth/Humanities
Instructor: Prof. Jonathan Rose
Dates: May 21 – June 29 (6 weeks)
Times: 4:00 p.m. – 7:00 p.m.
Days: M, W, F
Room: TBA

Introductory Statistics – 40055 – MATH 117 – A
4 credits. This course is designed to enable you to use statistics for data analysis and to understand the use of statistics in the media. The course makes use of SPSS, a widely-used statistics package for the computer. Course topics include graphical and tabular presentation of data, measures of central tendency, dispersion, and shape, linear transformations of data, correlation, regression, basic probability and the normal probability model, sampling, t-tests, and one-way analysis of variance. Same as: MAT+861.

GenEd.: CLA-Quantitative
Instructor: Prof. Chris Apelian
Dates: May 21 – June 15 (4 weeks)
Times: 9:00 a.m. – 11:30 a.m.
Days: M, T, TH, F
Room: TBA

Calculus and Analytic Geometry I – 40056 – MATH 150 – A

4 credits. Functions, limits, continuity, and differentiation and its applications; introduction to integration including definite and indefinite integrals and the fundamental theorem of calculus; analysis of graphical and numerical information. No student may receive credit for both AP calculus AB or BC and MATH 150.

Prerequisite: MATH 001 or three years of high school mathematics including trigonometry.

GenEd.: CLA-Quantitative
Instructor: Prof. Robert McLoughlin
Dates: May 21 – June 28 (6 weeks)
Times: 5:45 p.m. – 8:30 p.m.
Days: M, T, TH
Room: TBA

Introduction to Logic – 40060 – MATH 213 – A
4 credits. A study of the principles and methods of correct reasoning. Emphasizes the analysis of arguments, informal fallacies, and elementary deductive logic. Same as: [PHIL 213](#).

GenEd.: CLA-Breadth/Humanities, CLA-Breadth/Interdisciplinary, CLA-Quantitative
Instructor: Prof. Erik Anderson
Dates: May 21 – June 14 (4 weeks)
Times: 9:00 a.m. – 11:30 a.m.
Days: M, T, W, TH

Room: TBA

Introduction to Neuroscience – 40062 – NEUR 101 - A

4 credits. This introductory course explores how the physical properties of the brain give rise to mental processes. Students will investigate current major challenges in neuroscience research such as searching for a cure to Alzheimer's disease, examining the biological basis of memory and investigating the nature of consciousness. While focusing in these challenges, students will learn important fundamental knowledge of neuroscience in the area of genetics, neurotransmission, neural development, brain anatomy, cognition and computational neural modeling.

GenEd.: CLA-Breadth/Interdisciplinary, CLA-Breadth/Natural Science
Instructor: Prof. Roger Knowles
Dates: May 22 – June 28 (5 weeks)
Times: 1:00 p.m. – 3:30 p.m.
Days: T, W, TH
Room: TBA

Introduction to Logic – 40061 – PHIL 213 – A

4 credits. A study of the principles and methods of correct reasoning. Emphasizes the analysis of arguments, informal fallacies, and elementary deductive logic. Same as: [MATH 213](#).

GenEd.: CLA-Breadth/Humanities, CLA-Breadth/Interdisciplinary, CLA-Quantitative
Instructor: Prof. Erik Anderson
Dates: May 21 – June 14 (4 weeks)
Times: 9:00 a.m. – 11:30 a.m.
Days: M, T, W, TH
Room: TBA

Business Ethics – 40064 – PHIL 214 – A

4 credits. A philosophical and theological study of those ethical, religious, and social issues that play an important role in thinking morally about economic and business practices. Attention is paid to practical ethical problems arising out of the functional areas of management and the wider areas of business and social responsibility in relation to the community, ecology, minorities, the role of multinationals and public safety.

GenEd.: CLA-Breadth/Humanities
Instructor: Prof. Darrell Cole
Dates: May 22 – June 14 (4 weeks)
Times: 1:00 p.m. – 4:30 p.m.
Days: T, W, TH
Room: TBA

Philosophy of Religion – 40066 – PHIL 328 – A

4 credits. An exploration of whether or not belief in the existence of God is rational. Arguments are considered based on the origin of the universe, the problem of evil, the nature and variety of religious experience, the phenomenon of morality, and the ethics of belief.

GenEd.: CLA-Breadth/Humanities
Instructor: Prof. Seung-Kee Lee
Dates: May 22 – June 14 (4 weeks)
Times: 1:00 p.m. – 4:30 p.m.
Days: T, W, TH
Room: TBA

Philosophy of Law – 40067 – PHIL 330 – A

4 credits. A critical appraisal of various theories of law: the theory of natural law, legal positivism, legal realism, and the recent critical legal studies movement. An investigation of the limits of the authority of society over the individual, including the issues of paternalism and privacy. A study of different theories of punishment and the scope of responsibility for criminal behavior. An exploration of whether or not belief in the existence of God is rational. Arguments are considered based on the origin of the universe, the problem of evil, the nature and variety of religious experience, the phenomenon of morality, and the ethics of belief. Same as: [PSCI 330](#).

Instructor: Prof. Seung-Kee Lee
Dates: May 22 – June 14 (4 weeks)
Times: 5:00 p.m. – 8:30 p.m.
Days: T, W, TH
Room: TBA

Introductory Physics I – 40069– PHYS 111 – A

4 credits. Offers topics in mechanics: motion, Newton's laws, energy, conservation laws, collisions, gravitation, fluid behavior, oscillations, and waves.

Thermodynamics. This is a non-calculus based course. Note that PHYS 111 does not satisfy the prerequisites for upper level physics courses; students who are or might be interested in further physics courses should take PHYS 150 and PHYS 160 instead.

GenEd: CLA – Breadth/Natural Science, CLA – Quantitative

Co-requisite: [PHYS 113L](#)
Instructor: Prof. Robert Murawski
Dates: May 21 – June 21 (5 weeks)
Times: 9:00 a.m. – 11:30 a.m.
Days: M, T, TH
Room: Hall of Sciences S244

General Physics I Lab – 40071 – PHYS 113 – A

Co-requisite: [PHYS 111](#)
Instructor: Prof. Minjoon Kouh
Lab Fee: \$300
Dates: May 22 – June 21 (5 weeks)
Times: 1:15 p.m. – 4:15 p.m.
Days: T, TH
Room: Hall of Sciences S208

International Relations – 40073 – PSCI 104 – A

4 credits. A consideration of both the realities and theoretical foundations of international relations. Themes covered include nationalism, statehood, diplomacy and negotiation, foreign policy decision-making, international political economy, global

integration movements, war and other forms of international conflict, international law and organization.

GenEd: CLA – Breadth/Social Science, CLA-Writing in the Major

Instructor: Carlos Yordan
Dates: May 22 – June 14 (4 weeks)
Times: 1:00 p.m. – 4:30 p.m.
Days: T, W, TH
Room: TBA

Philosophy of Law – 40068– PSCI 330 – A

4 credits. A critical appraisal of various theories of law: the theory of natural law, legal positivism, legal realism, and the recent critical legal studies movement. An investigation of the limits of the authority of society over the individual, including the issues of paternalism and privacy. A study of different theories of punishment and the scope of responsibility for criminal behavior. An exploration of whether or not belief in the existence of God is rational. Arguments are considered based on the origin of the universe, the problem of evil, the nature and variety of religious experience, the phenomenon of morality, and the ethics of belief. Same as: [PHIL 330](#).

Instructor: Prof. Seung-Kee Lee
Dates: May 22 – June 14 (4 weeks)
Times: 5:00 p.m. – 8:30 p.m.
Days: T, W, TH
Room: TBA

Introduction to Psychology – 40074 – PSYC 101 – A

4 credits. A consideration of the methods and discoveries of psychology in the study of behavior and experience. Includes both theoretical and experiential components. A prerequisite to all intermediate- and upper-level courses in psychology. Students may not receive credit for both AP psychology and PSYC 101. Offered every semester.

GenEd.: CLA-Breadth/Social Science
Instructor: Prof. Hilary Kalagher
Dates: May 22 – June 28 (6 weeks)
Times: 1:00 p.m. – 3:30 p.m.
Days: T, W, TH
Room: TBA

Social Psychology – 40077 – PSYC 342 – A

4 credits. An examination of how people think about, influence, and relate to others, as well as the ways in which their thoughts, feelings, and behaviors are affected by situations and social contexts. Topics include the social self, attribution, social cognition, attitudes and persuasion, social influence, attraction and relationships, stereotyping, aggression, and pro-social behaviors

Prerequisite: [PSYC 101](#), [PSYC 211](#) and third – year or higher standing.

Instructor: Prof. Scott Morgan

Dates: May 22 – June 28 (6 weeks)
Times: 6:00 p.m. – 8:30 p.m.
Days: T, W, TH
Room: TBA

Business Ethics –40065– REL 214 – A

4 credits. A philosophical and theological study of those ethical, religious, and social issues that play an important role in thinking morally about economic and business practices. Attention is paid to practical ethical problems arising out of the functional areas of management and the wider areas of business and social responsibility in relation to the community, ecology, minorities, the role of multinationals and public safety. Same as: [PHIL 214](#).

GenEd.: CLA-Breadth/Humanities
Instructor: Prof. Darrell Cole
Dates: May 22 – June 14 (4 weeks)
Times: 1:00 p.m. – 4:30 p.m.
Days: T, W, TH
Room: TBA

Fundamentals of Oral and Written Spanish – 40080 – SPAN 101 – A

4 credits. An introduction to the language and cultures of the Spanish-speaking world. Development of listening, speaking, reading, and writing using a communicative, proficiency-oriented approach. Interactive practice is enhanced by multimedia/technology. Designed for students who have

not taken Spanish before. Twenty-five percent of the course done outside class using various technologies.

Instructor: Prof. Maria Turrero-Garcia
Dates: May 21 – June 13 (4 weeks)
Times: 9:30 a.m. – 12:30 p.m.
Days: M, T, W
Room: TBA

Intermediate Spanish – 40082 – SPAN 201 – A

4 credits. Continuation of the Spanish language sequence with a concentration on refinement of skills in written expression and spoken accuracy. Uses Hispanic cultural and literary texts to assist in vocabulary expansion and to develop techniques in mastering authentic language in context. Twenty-five percent of the course done outside class using various technologies. Special sections of the course may be offered with a focus on Spanish for business.

Pre-requisite: [SPAN 102](#), [SPAN 182](#), or placement.
GenEd.: CLA-Foreign Language
Instructor: Prof. Raul Rosales
Dates: May 22 – June 14 (4 weeks)
Times: 9:20 a.m. – 12:30 p.m.
Days: T, W, TH
Room: TBA

Session II

Cultural Diversity: Cultural Anthropology and Linguistics – 40004 – ANTH 104 – B

4 credits. A comparative examination of the cultural diversity of humanity. Using case studies of peoples in differing contexts, the course presents theories and data on a range of topics for understanding contemporary human conditions, including subsistence strategies, political and economic systems, religion and expressive behavior, language, culture change, and the interdependence of cultures throughout the planet.

GenEd.: CLA-Breadth/Social Science, CLA-Diversity International
Instructor: Prof. Allan Dawson
Dates: July 2 – July 26 (4 weeks)
Times: 10:00 a.m. – 12:30 p.m.
Days: M, T, W, TH
Room: TBA

Drawing I – 40005 – ART 106 – B

4 credits. An introduction to drawing as a way of making images, as a basis for work in other media, and as a process of discovery. Studio activities are grounded in observation and use various wet and dry media. Line, shape, and value are emphasized as basic components

for exploring fundamental issues of composition, the structuring of form, the description of space and light, and as a means of individual expression.

GenEd.: CLA-Breadth/Arts
Instructor: Prof. Jason Karolak
Course Fee: \$125
Dates: July 3 – July 26 (4 weeks)
Times: 1:00 p.m. – 4:30 p.m.
Days: T, W, TH
Room: Dorothy Young Center for the Arts 206

Photography I – 40008 – ART 130 – B

4 credits. An introduction to the fundamentals of photographing with digital SLR cameras, along with using a range of digital imaging editing tools and output modes to produce original work. Students are encouraged to make pictures that are challenging in both content and form and express the complex and poetic nature of human experience. The course introduces the work of influential photographers, raises discussions of contemporary issues in the medium and provides tools for evaluating and expressing a photograph's communicative effectiveness. Students must provide a

fully manual digital SLR camera and budget for printing costs and other supplies.

GenEd.: CLA-Breadth/Arts
Instructor: Prof. Rory Mulligan
Course Fee: \$120
Dates: July 3 – July 26 (4 weeks)
Times: 9:00 a.m. – 12:30 p.m.
Days: T, W, TH
Room: Dorothy Young Center for the Arts 102

Photography I – 4009 – ART 130 – B1

4 credits. An introduction to the fundamentals of photographing with digital SLR cameras, along with using a range of digital imaging editing tools and output modes to produce original work. Students are encouraged to make pictures that are challenging in both content and form and express the complex and poetic nature of human experience. The course introduces the work of influential photographers, raises discussions of contemporary issues in the medium and provides tools for evaluating and expressing a photograph's communicative effectiveness. Students must provide a fully manual digital SLR camera and budget for printing costs and other supplies.

GenEd.: CLA-Breadth/Arts
Instructor: Prof. Rory Mulligan
Course Fee: \$120
Dates: July 3 – July 26 (4 weeks)
Times: 1:00 p.m. – 4:30 p.m.
Days: T, W, TH
Room: Dorothy Young Center for the Arts 102

Painting I – 40010 – ART 160 – B

4 credits. An exploration of traditional and modern techniques of oil painting and their underlying theories of light, color, space, and expression.

GenEd.: CLA-Breadth/Arts
Instructor: Prof. Jason Karolak
Course Fee: \$250
Dates: July 3 – July 26 (4 weeks)
Times: 5:00 p.m. – 8:30 p.m.
Days: T, W, TH
Room: Dorothy Young Center for the Arts 201

Anatomy and Physiology II – 40016– BIOL 258 – B

4 credits. The second of a two-course sequence examining the structure and function of specific biological systems in vertebrate organisms, with a particular focus on mammals. Includes an overview of system function at a biochemical and biophysical level, and the regulation and integration of multiple physiological systems within the whole organism. Primary focus will be on the endocrine, cardiovascular, respiratory, immune, digestive, reproductive, and urogenital systems. Laboratory will include the exploration of the dynamic function and regulation of

human physiological systems and the study of anatomy through the use of interactive digital resources in conjunction with dissection of animal specimens.

Prerequisite: [BIOL 250](#) or permission of instructor. [BIOL 256](#) is recommended but not required.
Corequisite: Lab for Vertebrate Anatomy and Physiology II – 40019 – BIOL 258L – B
Instructor: Prof. A.J. Russo
Dates: July 3 – July 26 (4 weeks)
Times: 9:00 a.m. – 12:00 p.m.
Days: T, TH
Room: TBA

Lab for Vertebrate Anatomy and Physiology II – 40019 – BIOL 258L – B

Prerequisite: BIOL 250L
Corequisite: Anatomy & Physiology II -40016 – BIOL 258 – B
Instructor: Prof. A. J. Russo
Lab Fee: \$100
Dates: July 2 – August 10 (6 weeks)
Times: 10:00 a.m. – 4:00 p.m. (lunch break from 12:00 to 1:00 p.m.)
Days: W
Room: TBA

Organic Chemistry II – 40024 – CHEM 350 – B

4 credits. A continuing systematic study of organic reactions organized on the basis of reaction mechanisms. Topics include aromaticity, carbonyls, carboxyls, amines, orbital symmetry controlled processes, and organic synthesis. Includes spectroscopic analysis. Discusses classes of compounds of biological significance.

Pre-requisite: C- or better in [CHEM 250](#)
GenEd.: CLA-Breadth/Natural Science
Co-requisite: [CHEM 350L](#)
Instructor: Prof. Kimberly Choquette
Dates: July 2 – July 26 (4 weeks)
Times: 12:30 p.m. – 3:30 p.m.
Days: M, T, W, TH
Room: TBA

Organic Chemistry II Lab – 40027 – CHEM 350L – B

Co-requisite: Organic Chemistry II – 40024 – CHEM 250 – B
Instructor: Prof. Sandra Keyser
Lab Fee: \$300
Dates: July 2 – July 26 (4 weeks)
Times: 8:30 a.m. – 11:30 a.m.
Days: M, T, W, TH
Room: Hall of Sciences S226

ONLINE: Introduction to Computer Science in Python – 40028 – CSCI 150 – BX

4 credits. How can we automatically solve problems using computers? By the end of this course, students should be able to implement solutions to solve basic computational problems using the Python programming language. Students will learn to design, implement, document and test programs, as well as learn to apply language concepts such as iteration, decision, user-defined functions, and lists. No previous programming experience is expected. Prospective computer science majors or minors should begin with this course which is also appropriate for students who wish to learn some programming but do not plan to take any additional computer science courses.

GenEd: CLA – Quantitative
Instructor: Prof. Emily Hill
Dates: July 9 – August 10 (5 weeks)
Times: TBA
Days: TBA
Location: Online

Object Oriented Programming in Java – 40030 – CSCI 151 – B

4 credits. Designing, writing, and testing structured computer programs using Java. By the end of this course, students should be able to (1) decompose problems into actions and objects, (2) apply advanced programming constructs such as recursion and collections to implement solutions, (3) use inheritance to facilitate localized changes, (4) design & implement an event-driven application with a graphical user interface, and (5) take advantage of automated development tools.

Prerequisite: C- or better in [CSCI 149](#) or [CSCI 150](#), or [CSCI 117](#) (Juniors or Seniors)

GenEd: CLA – Quantitative
Instructor: Diane Liporace
Dates: July 2 – August 9 (6 weeks)
Times: 1:00 p.m. – 3:15 p.m.
Days: M, W, TH
Room: TBA

Introductory Topics in Information Technology: C for Hackers – 40031 – CSCI 190 – B

4 credits. Selected introductory topics in computer science and information technology that require no prior programming experience. Topics vary based upon student and faculty interest. Course may be repeated when topics vary.

Instructor: Prof. Adam Michlin
Dates: July 2 – August 9 (6 weeks)
Times: 2:00 p.m. – 4:30 p.m.
Days: M, W, TH
Room: TBA

Introduction to Computer Systems & Architecture – 40032 – CSCI 260 – B

4 credits. Introduction to computer systems and architecture. Architecture concepts include machine-level representation of data, assembly language programming, von Neumann architecture, the memory hierarchy and pipelining (including instructions, data and thread level parallelism). Functions of the UNIX operating system from a user's and programmer's perspective. Introduction to C systems programming, pointers, and UNIX command line tools. Cannot receive credit for both CSCI 320 and CSCI 260.

Instructor: Prof. Adam Michlin
Dates: July 2 – August 9 (6 weeks)
Times: 6:00 p.m. – 8:30 p.m.
Days: M, W, TH
Room: TBA

Economic Principles: Microeconomics – 40129 – ECON 101 – B

4 credits. An introduction to basic microeconomic analysis and institutions, with special emphasis on the roles markets play in an economy and the ways in which government can alter market activity. Includes such topics as consumer and firm behavior, competition and monopoly, poverty and justice, the environment, health care, and international trade.

GenEd: CLA – Breadth/Social Science, CLA-Quantitative
Instructor: Prof. Yahya M. Madra
Dates: July 2 – August 3 (5 weeks)
Times: 1:00 p.m. – 4:00 p.m.
Days: M, W, F
Room: TBA

Topics in Literary Studies: Presentations of Masculinity in the American Bildungsroman Film – 40048 – ENGH 115 – B

4 credits. This course explores a special topic or area not regularly taught in the curriculum and likely to be of particular interest to non-majors. Topics might include: supernatural fiction and fantasy, detective fiction, popular culture, graphic novel.

GenEd.: CLA-Breadth/Humanities
Instructor: Prof. Max Orsini
Dates: July 3 – August 9 (6 weeks)
Times: 1:00 p.m. – 4:00 p.m.
Days: T, TH
Room: TBA

Introduction to Media Studies – 40049 – ENGH 121 – B

4 credits. Introduction to Media Studies provides students with a framework for understanding how media messages are made and distributed, as well as a toolkit for effective and ethical engagement with, and analysis of, media forms. Through interdisciplinary,

comparative, and historical lenses, the course looks at the nature of mediated communication, the functions of media, the effects of shifting media forms and technologies, and the institutions that help define media's place in society. Equivalent Courses: [MCOM 101](#).

GenEd.: CLA-Breadth/Interdisciplinary
Instructor: Prof. Henry Margenau
Dates: July 2 – August 8 (6 weeks)
Times: 4:00 p.m. – 6:30 p.m.
Days: M, W
Room: TBA

Intermediate Selected Topics in Literature: 20th Century Western Short Fiction – The Fiction of Enclosure – 40047 – ENGH 201 – B

4 credits. This course allows students to explore a special topic or area not regularly taught in the curriculum.

GenEd.: CLA-Breadth/Humanities
Instructor: Prof. Max Orsini
Dates: July 3 – August 9 (6 weeks)
Times: 9:00 a.m. – 12:00 p.m.
Days: T, TH
Room: TBA

Global Perspectives through an interdisciplinary study of Irish History and Culture _ 40097 - HUM 197 – X

3 Credits. Ireland offers an important socio-historical framework of the fluidity of identity and ethnicity. British imperialism, Famine, the impact of emigration on the United States, the decline and revival of indigenous culture, the civil rights campaign, and conflict and conflict resolution in Northern Ireland, all provide a platform for a valuable comparative study in the global context. The program will take place on campus at the Institute of Study Abroad Ireland in Donegal, in the Republic of Ireland. Over three weeks, students will cover a timeline from the neolithic period of Irish history to the present day. The aim is to provide the opportunity for interdisciplinary and comparative thinking about the cultural and anthropological development of the Irish, through the earliest tribal settlements, through the colonisation experience, the experience of political, cultural and economic revolution, and the emergence of a modern Irish Republic 100 years after independence.

Instructor: Niamh Hamill
Dates: July 1 – 22, 2018 (3 weeks)
Location: Donegal, Ireland
Audience: Pre-college program for

students age 15 – 17 only.
Special application required.

Preparation for Calculus – 40053 – MATH 001 – B 4 credits. The mathematical prerequisites for the study of calculus: functions and their graphs, polynomials, trigonometry, logarithms and exponential functions, and analytic geometry. Only students intending to register for calculus but needing to improve their math background may take this course.

Prerequisite: Departmental approval based on placement score.

Instructor: Prof. Seth Harris
Dates: July 2 – August 9 (6 weeks)
Times: 6:00 p.m. – 8:30 p.m.
Days: M, T, TH
Room: TBA

Introductory Statistics – 40054 – MATH 117 – B

4 credits. This course is designed to enable you to use statistics for data analysis and to understand the use of statistics in the media. The course makes use of SPSS, a widely-used statistics package for the computer. Course topics include graphical and tabular presentation of data, measures of central tendency, dispersion, and shape, linear transformations of data, correlation, regression, basic probability and the normal probability model, sampling, t-tests, and one-way analysis of variance. Same as: MAT+861.

GenEd.: CLA-Quantitative
Instructor: Prof. Yi Lu
Dates: July 2 – August 10 (6 weeks)
Times: 10:00 a.m. – 12:30 p.m.
Days: M, W, F
Room: TBA

Calculus and Analytic Geometry I – 40059 – MATH 150 – B

4 credits. Functions, limits, continuity, and differentiation and its applications; introduction to integration including definite and indefinite integrals and the fundamental theorem of calculus; analysis of graphical and numerical information. No student may receive credit for both AP calculus AB or BC and MATH 150.

Prerequisite: MATH 001 or three years of high school mathematics including trigonometry.

GenEd.: CLA-Quantitative
Instructor: Prof. Virginia Crisonino
Dates: July 2 – August 9 (6 weeks)
Times: 10:00 a.m. – 12:30 p.m.
Days: M, W, TH
Room: TBA

Calculus and Analytic Geometry II – 40057 – MATH 151–B

4 credits. Integration, including techniques of integration, improper integrals, and applications; polar

coordinates, parametric equations, Taylor polynomials, sequences and series. No student may receive 8 credits for AP Calculus BC and MATH 151

Prerequisite: C- or better in [MATH 150](#)
GenEd.: CLA-Quantitative
Instructor: Prof. Seth Harris
Dates: July 2 – August 9 (6 weeks)
Times: 10:00 a.m. – 12:30 p.m.
Days: M, T, TH
Room: TBA

Calculus and Analytic Geometry III – 40058 – MATH 250–B

4 credits. Extending the concepts of calculus from two to three or more dimensions: partial differentiation, multiple integration; analytic geometry in three dimensions, vectors, line and surface integrals, applications.

Prerequisite: C- or better in [MATH 151](#)
GenEd.: CLA-Quantitative
Instructor: Prof. Virginia Crisonino
Dates: July 2 – August 9 (6 weeks)
Times: 1:30 p.m. – 4:00 p.m.
Days: M, W, TH
Room: TBA

Cognitive Neuroscience – 40063 – NEUR 354 – B

4 credits. This course examines the mechanisms by which the nervous system supports higher mental functions, with a focus on how neural structures represent and transform information. The course draws on a variety of disciplines including cognitive psychology, neurobiology, computer science, linguistics, and philosophy. Discussion topics include perception, attention, memory, language, executive function, emotion, development, social cognition, consciousness, and neuroethics. Course activities will expose students to a variety of empirical research techniques, such as functional neuroimaging, single-neuron electrophysiology, and electroencephalography, commonly employed in cognitive neuroscience research. Same as: [PSYC 354](#)

Prerequisite: [PSYC 211](#) , [NEUR 210](#) or permission of the instructor.
Instructor: Prof. Graham Cousens
Dates: July 10 – August 9 (5 weeks)
Times: 5:00 p.m. – 8:10 p.m.
Days: T, W, TH
Room: TBA

Introductory Physics II – 40070 – PHYS 112 – B

4 credits. PHYS 112 includes electricity, magnetism, and electrical circuits. Light and optics: lenses, diffraction and interference of light. Introductory topics in modern physics. This is a non-calculus based course.

Note that PHYS 2 does not satisfy the prerequisites for upper-level physics courses; students who are or might be interested in further physics courses should take [PHYS 150](#) and [PHYS 160](#) instead.

GenEd: CLA – Breadth/Natural Science, CLA – Quantitative
Prerequisite: [PHYS 111](#) or equivalent.
Co-requisite: [PHYS 114](#)
Instructor: Profs. Bjorg Larson & Minjoon Kouh
Dates: July 2 – August 3 (5 weeks)
Times: 9:00 a.m. – 11:30 a.m.
Days: M, T, TH
Room: Hall of Sciences S244

General Physics Laboratory II – 40072 – PHYS 114 – B

Co-requisite: [PHYS 112](#)
Instructor: Prof. Robert Murawski
Lab Fee: \$300
Dates: July 2 – August 3 (5 weeks)
Times: 1:15 p.m. – 4:15 p.m.
Days: T, TH
Room: Hall of Sciences S208

Introduction to Psychology – 40075 – PSYC 101 – B

4 credits. A consideration of the methods and discoveries of psychology in the study of behavior and experience. Includes both theoretical and experiential components. A prerequisite to all intermediate- and upper-level courses in psychology. Students may not receive credit for both AP psychology and PSYC 101. Offered every semester.

GenEd.: CLA-Breadth/Social Science
Instructor: Prof. Carolyn Rooney
Dates: July 3 – August 2 (5 weeks)
Times: 9:00 a.m. – 12:30 p.m.
Days: T, TH
Room: TBA

Research Methods of Psychology – 40076 – PSYC 211 – B

4 credits. An examination of research methods and statistical analysis in psychology, with emphasis on experimental methodologies. Students will gain experience in all aspects of empirical research and writing.

Pre-requisite: [PSYC 101](#) and either [PSYC 110](#) and [MATH 117](#)
GenEd.: CLA-Quantitative
Instructor: Prof. Scott Morgan
Dates: July 3 – August 9 (6 weeks)
Times: 5:20 p.m. – 8:30 p.m.
Days: T, TH
Room: TBA

Cognitive Neuroscience – 40078 – PSYC 354 – B

4 credits. This course examines the mechanisms by which the nervous system supports higher mental functions, with a focus on how neural structures

represent and transform information. The course draws on a variety of disciplines including cognitive psychology, neurobiology, computer science, linguistics, and philosophy. Discussion topics include perception, attention, memory, language, executive function, emotion, development, social cognition, consciousness, and neuroethics. Course activities will expose students to a variety of empirical research techniques, such as functional neuroimaging, single-neuron electrophysiology, and electroencephalography, commonly employed in cognitive neuroscience research. Same as: [NEUR 354](#)

Prerequisite: [PSYC 211](#), [NEUR 210](#) or permission of the instructor.

Instructor: Prof. Graham Cousens
Dates: July 10 – August 9 (4 weeks)
Times: 5:00 p.m. – 8:10 p.m.
Days: T, W, TH
Room: TBA

Seminar in the Study of Religions: International Topics: Religious Interactions in West Africa: A History of Religious Approach – 40079 – REL 392 – B

4 credits. This course examines topics in the study of religion at the advanced level, focusing on religion in international countries. Topics will vary. The course introduces students to the nature of religion as a defined area of human experience through beliefs, practices, and cultural identity. The course introduces students to methods such as phenomenological, thematic, historical, or comparative perspectives to analyze religious phenomena. May be repeated for credit as the topic changes.

GenEd.: CLA-Breadth/Humanities, CLA-Diversity International

Instructor: Prof. Obiri Addo
Dates: July 2 – August 8 (6 weeks)
Times: 5:00 p.m. – 8:30 p.m.
Days: M, W
Room: TBA

Theatre in the Community: The Newark Collaboration – 40131 – THEA 386 – B

4 credits. This course is a collaborative theatre-making enterprise in which Drew students will team with high school students from the Newark inner city schools to create original work that will be presented both on Drew's campus and at the Marion Bolden Student Center in Newark. Classes will likewise meet at both locations, with Drew students and Newark students traveling to the two sites by turn. Drew

participants will both mentor and share in the process of original play development and performance. In addition to the weekly play development workshops and rehearsals with the Newark students, Drew participants will meet frequently on their own, to assess and develop strategies for facilitating the work of the full group and keeping it on track. A research component studying the historical impact of community-based theaters around the globe, together with a final paper, will also be required of Drew students. Course may be repeated. Enrollment restricted to sophomores, juniors, and seniors. Enrollment priority: Priority given to theatre majors, theatre minors, and seniors. Signature of instructor required for registration.

Pre-requisite: 8 prior credits of theatre classes required

GenEd.: CLA-Diversity US, CLA-Off Campus Exp.

Instructor: Profs. Lisa Brenner & Christopher Ceraso

Dates: July 2 – July 26 (4 weeks)
Times: 9:00 a.m. – 4:00 p.m.
Days: M, T, W, TH, F
Room: TBA