ADMISSION

• Drew University undergraduate students may take any summer course for which they are prepared, with the approval of their academic adviser.

• Students attending other universities must secure the signature of their dean, registrar, or adviser authorizing them to take courses in Drew’s Summer Term.

• College graduates as well as those not currently engaged in any formal educational program are also welcome to take summer courses and should contact the Summer Term office for assistance.

• Students may enroll in an undergraduate course on an official audit basis subject to the approval of the instructor. An AU is entered after the course on the official transcript, provided the student meets the minimum attendance and other course requirements set by the instructor.

• Qualified high school students are encouraged to apply to Drew’s Early College Summer Program. Through this program, junior and senior high school students may take appropriate college-level courses and earn full college credit. See page 23 for more information about this program.

COLLEGE OF LIBERAL ARTS CALENDAR

Session I
Classes begin .................................................................May 20
Last day to register for a course ........................................May 21
Last day to drop a class and receive a 100 percent tuition refund ........................................May 21
Last day to drop a class and receive a 50 percent tuition refund ........................................May 23
Last day to drop a class without a W ................................May 23
Last day to drop a class with a W (no refund available) ..................................................May 30
Holiday: no classes ..................................................May 27

Session II & III
Classes begin .................................................................June 17
Last day to enter a course ................................................June 18
Last day to drop a class and receive a 100 percent tuition refund ........................................June 18
Last day to drop a class and receive a 50 percent tuition refund ........................................June 20
Last day to drop a class without a W ................................June 20
Last day to drop a class with a W (no refund available) ..................................................June 27
Holiday: no classes ..................................................July 4

Academic Internship and Independent Study
Last day to register for an academic internship or independent study ..........................June 18
Last day to drop an academic internship or independent study and receive a
100 percent tuition refund ........................................June 18
Last day to drop an academic internship or independent study and receive a
50 percent tuition refund ........................................June 20
Last day to drop an academic internship or independent study without a W ........June 20
Last day to drop an academic internship or independent study with a W
(no refund available) ........................................June 27
Students must submit all assignments for an independent study
to the faculty member ........................................August 12
Deadline for submission of academic internship project ..................September 20
REGISTRATION FOR UNDERGRADUATE COURSES
Registration opens March 18; early registration before April 29, if possible is encouraged. The recommended maximum course load for summer classes is two classes per term. Students from other colleges or universities may register by mail, email, fax or in person at the Office of the Registrar using the appropriate form in the back of this catalog. The Office of the Registrar is open Monday through Friday from 9 a.m. to 5 p.m. and is located in Tidghman House. The fax number is 973.408.3044; the telephone number is 973.408.3025.

INDEPENDENT STUDY
Drew University undergraduate students may register for an independent study. The approval of the independent study faculty member is required. Please note that all assignments for the independent study must be completed and submitted to the faculty member by August 12. The independent study option is not available to students from other colleges.

UNDERGRADUATE TUITION AND FEES
Summer tuition for undergraduate courses is $622 per credit or $2,488 per 4-credit course. Drew financial assistance is not available for summer courses.

OTHER FEES
Application fee: $25, nonrefundable
Lab/Studio fees: Required for some courses; see course description
Parking fee: $50 (academic year stickers are valid throughout the summer)
Transcript fee: $25, one time only

GRADING SYSTEM
College courses may be taken on a regular grade basis or with the Pass/Fail option. Regular grades are A, A–, B+, B, B–, C+, C, C–, D+, D, D– and F.
The Pass/Fail option is available to students of sophomore or higher standing, with a few restrictions: The course may not be in the student’s major field or meet a general education requirement. A grade of Pass is awarded upon completion of work of D- or better. For Drew students, the P/F option is available under the regulations governing the academic year. Students from other schools are urged to clear the acceptability of such credit with an appropriate official at their home school. The Pass/Fail option should be exercised at the time of registration; a change from P/F to regular grading, or from regular grading to P/F, may be made through the date listed on the academic calendar. The Office of the Registrar must be notified in writing of such a change.

It is expected that the requirements for a course will be completed within the term in which the course was taken. With the approval of the Associate Dean for Academic Services and the course instructor, the mark “I” (Incomplete) may be given at the end of a semester in cases of serious or chronic illness or urgent personal circumstances that, in the judgment of the Associate Dean for Academic Services, justify waiving the ordinary rule. When the Associate Dean permits a student to receive a mark of “I,” the Associate Dean and the instructor of the course determine the time and the conditions under which the mark may be removed. If a final grade is not reported by the end of that period, a grade of F shall be automatically entered by the Office of the Registrar.

COURSE OFFERINGS

ANTHROPOLGY

ANTH 103 Human Evolution: Biological Anthropology and Archaeology (BNS)
4 credits. How did the human species evolve? What were our ancestors like? How are we similar to and different from our closest animal relatives? Why do we have such complex societies and behavior? These and other questions are explored in this study of human evolution from the perspectives of biological anthropology and archaeology. The course surveys basic principles of evolutionary theory, the study of other primates, the hominin fossil record, competing explanations for the origins of modern humans, human genetic and physical variation and archaeological evidence for the evolution of symbolic behavior, agriculture and civilization.

Instructor: Prof. Linda M. Van Blerkom
Dates: June 17 – July 24
Times: 1 – 4 p.m.; M, W

ANTH 104 Cultural Diversity: Cultural Anthropology and Linguistics (BSS, DVIT)
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.

Instructor: Prof. Maria Masucci
Dates: May 21 – June 13
Times: 9:30 a.m. – 12:30 p.m.; T, W, TH
ART

ART 106 Drawing I (BART)
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.

Instructor: Prof. Jason Karolak
Course Fee: $125
Dates: May 20 – June 12
Times: 9:30 a.m. – 12:30 p.m.; M,T,W

ART 112 Ceramic Sculpture I (BART)
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.

Instructor: Prof. William Mutter
Course Fee: $100
Dates: June 17 – July 24
Times: 10 a.m. – 2 p.m.; M,W

ART 212 Ceramic Sculpture II (BART)
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.

Prerequisite: ART 112 Ceramic Sculpture I
Instructor: Prof. William Mutter
Course Fee: $100
Dates: June 17 – July 24
Times: 10 a.m. – 2 p.m.; M,W

ART 130 Photography I (BART)
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 other supplies.

Instructor: Prof. Rebecca Soderholm
Course Fee: $120
Dates: May 21 – June 13
Times: 9:30 a.m. – 12:30 p.m.; T,W,TH

BIOLOGY

BIOL 250 Molecular and Cellular Biology (WRMJ)
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, 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.

Prerequisites: One semester of introductory biology and General Chemistry I and II
Instructors: Profs. Stephen Dunaway and Joanna Miller
Lab Fee: $100
Dates: May 21 – June 13
Lecture: 9:30 a.m. – 12:30 p.m.; T,W,TH
Lab: 1:30 – 4:30 p.m.; T,W,TH
BUSINESS STUDIES

BST 101 001 Principles of Financial Markets: The Wall Street Summer Program
8 credits. This course studies the institutions and operations of financial markets and their roles in channeling credit and financing new investments. Students will learn the impact of the financial system on local, national and global economies. The course will also explain the financial history and ethical dimensions of Wall Street and its relation to macroeconomic policy. Application required. For information visit: drew.edu/cue/summer-january/summer/wall-street, or see page 17.

Instructors: Prof.s Marc Tomljanovich and Giandomenico Sarolli
Dates: June 27 – July 19
Times: 9 a.m. – 5 p.m., M,T,W,TH,F

BST 101 002 Principles of Financial Markets: The Wall Street Summer Program
8 credits. See course description above.

Instructors: Prof.s Marc Tomljanovich and Giandomenico Sarolli
Dates: July 22 – August 15
Times: 9 a.m. – 5 p.m., M,T,W,TH

BST 115 Fundamentals of Financial Accounting
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: June 17 – July 11
Times: 1:30 – 4:30 p.m.; M,W,TH

CHEMISTRY

CHEM 150 Principles of Chemistry I (BNS, QUAN)
4 credits. An introduction to the fundamental principles of chemistry as a quantitative science, including inorganic reactions; properties of gases; liquids and solids; thermochemistry; atomic theory; and nuclear chemistry. Appropriate for those with little or no background in chemistry. Limited seats available. Permission of instructor required.

Instructor: Prof. Racquel DeCicco
Dates: May 20 – June 13
Times: 8:30 – 11:30 a.m.; M,T,W,TH

CHEM 150A Principles of Chemistry I
3 credits. An introduction to the fundamental principles of chemistry as a quantitative science, including inorganic reactions; properties of gases; liquids and solids; thermochemistry; atomic theory; and nuclear chemistry. Appropriate for those with little or no background in chemistry. Limited seats available. Permission of instructor required.

Instructor: Prof. Racquel DeCicco
Dates: May 20 – June 13
Times: 8:30 – 11:30 a.m.; M,T,W,TH

CHEM 160 Principles of Chemistry II (BNS, QUAN)
4 credits. A continuation of CHEM 150 Principles of Chemistry I covering the structure of solids, kinetics, thermodynamics, equilibria, electrochemistry and the principles of descriptive inorganic chemistry, including the transition metals.

Prerequisite: CHEM 150 Principles of Chemistry I
Instructor: Prof. Racquel DeCicco
Lab Fee: $300
Dates: June 17 – July 11
Lecture: 8:30 – 11:30 a.m.; M,T,W,TH
Lab: 1 – 4 p.m.; M,T,W,TH

CHEM 160A Principles of Chemistry II
3 credits. A continuation of CHEM 150 Principles of Chemistry I covering the structure of solids, kinetics, thermodynamics, equilibria, electrochemistry, and the principles of descriptive inorganic chemistry, including the transition metals. Limited seats available. Permission of instructor required.

Prerequisite: CHEM 150 Principles of Chemistry I
Instructor: Prof. Racquel DeCicco
Dates: June 17 – July 11
Times: 8:30 – 11:30 a.m.; M,T,W,TH

CHEM 250 Organic Chemistry I (BNS)
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: CHEM 160 Principles of Chemistry II or permission of instructor
Instructor: Prof. Janet Berthel
Lab Fee: $300
Dates: May 20 – June 13
Lecture: 8:30 – 11:30 a.m.; M,T,W,TH
Lab: 12:30 – 3:30 p.m.; M,T,W,TH
CHEM 250A Organic Chemistry I
3 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. Limited seats available. Permission of instructor required.
Prerequisite: CHEM 160A Principles of Chemistry II
Instructor: Prof. Janet Berthel
Dates: May 20 – June 13
Times: 8:30 – 11:30 a.m.; M,T,W,TH

CHEM 350 Organic Chemistry II (BNS)
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. Requires Organic Chemistry I.
Prerequisite: Organic Chemistry I
Instructor: Prof. Janet Berthel
Lab Fee: $300
Dates: June 17 – July 11
Lecture: 8:30 – 11:30 a.m.; M,T,W,TH
Lab: 12:30 – 3:30 p.m.; M,T,W,TH

CHEM 350A Organic Chemistry II
3 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. Limited seats available. Permission of instructor required.
Prerequisite: CHEM 250A Organic Chemistry I
Instructor: Prof. Janet Berthel
Dates: June 17 – July 11
Times: 8:30 – 11:30 a.m.; M,T,W,TH

ECON 102 Economic Principles: Macroeconomics (BSS, QUAN)
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.
Instructor: Prof. Jamee Moudud
Dates: May 21 – June 13
Times: 1:30 – 4:30 p.m.; T,W,TH

ECON 281 001 Wall Street and the Economy
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. Application required. For information visit: drew.edu/cue/summer-january/summer/wall-street, or see page 17.
Prerequisite: ECON 101 and ECON 102 and acceptance into the Wall Street Summer Program
Instructors: Profs. Marc Tomljanovich and Giandomenico Sarolli
Dates: June 27 – July 19
Times: 9 a.m. – 5:00 p.m., M,T,W,TH,F

CLASSICS
CLAS 260 Classical Civilization: Art and Architecture in Ancient Greece and Rome (BHUM, DVIT, WRIT)
4 credits. This course provides a basic outline of classical art (Greek and Roman) over a wide period (c3000 BC–AD 350). It deals chronologically with the stylistic development of main techniques used to make and subject matter of works of art in a variety of media (freestanding sculpture in stone, bronze and terracotta; relief sculpture; vase and wall painting; other media including gold and silver, engraved gems, mosaics). We will also introduce the great buildings of Greece and Rome with an emphasis on urban planning and individual monuments and their decoration, including mural painting. The course will be conducted through PowerPoint slides, lectures, discussion and a visit to the Metropolitan Museum of Art. The responsibilities of the students will include participating in class discussions and writing exercises (both in class and online), readings, weekly papers, a final paper and a final exam.
Instructor: Prof. Emily Fairey
Dates: May 21 – June 13
Times: 9:30 a.m. – 12:30 p.m.; T,W,TH

ECONOMICS
ECON 102 Economic Principles: Macroeconomics (BSS, QUAN)
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.
Instructor: Prof. Jamee Moudud
Dates: May 21 – June 13
Times: 1:30 – 4:30 p.m.; T,W,TH

ECON 281 001 Wall Street and the Economy
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. Application required. For information visit: drew.edu/cue/summer-january/summer/wall-street, or see page 17.
Prerequisite: ECON 101 and ECON 102 and acceptance into the Wall Street Summer Program
Instructors: Profs. Marc Tomljanovich and Giandomenico Sarolli
Dates: June 27 – July 19
Times: 9 a.m. – 5:00 p.m., M,T,W,TH,F
ECON 281002 Wall Street and the Economy
8 credits. See ECON 281001 for course description.

Prerequisite: ECON 101 and ECON 102 and acceptance into the Wall Street Summer Program
Instructors: Profs. Marc Tomljanovich and Giandomenico Sarolli
Dates: July 22 - August 15
Times: 9 a.m. – 5 p.m., M,T,W,TH

ECON 302 Intermediate Macroeconomic Analysis
4 credits. A study of the determinants of the level of income, employment and prices as seen in competing theoretical frameworks. Includes an analysis of inflation and unemployment; their causes, costs and policy options; the sources of instability in a market economy; debates on policy activism; prospects for the control of aggregate demand.

Prerequisite: ECON 102 Economic Principles or equivalent
Instructor: Prof. Jamee Moudud
Dates: June 18 – July 11
Times: 1:30 – 4:30 p.m.; T,W,TH

ENGLISH
ENGL 103 Gender and Literature (BHUM)
4 credits. An introduction to questions of how gender, as it intersects with race, class and sexuality, shapes literary texts, authorship, readership and representation. Most often organized thematically, the course may focus on such issues as creativity, subjectivity, politics, work, sexuality, masculinity or community in works chosen from a variety of periods, genres and areas. Enrollment priority given to English majors and minors, women's studies majors and minors.

Instructor: Prof. Robin Mako Citarella
Dates: June 17 – July 11
Times: 9:30 a.m. – 12:30 p.m.; M,W,TH

ENGL 201 Selected Topics in Literature I: Fitzgerald and Hemingway (BHUM)
4 credits. F. Scott Fitzgerald and Ernest Hemingway have come to represent two rather different, conflicting images for American culture. The contentious relationship in these images was reflected in real life as well as Fitzgerald and Hemingway had a lasting—though fraught—friendship. This course seeks to examine the literature produced by these two writers within the context of American literature in general, and also, more specifically, how Fitzgerald and Hemingway's work is affected by that relationship. We will consider biographical and critical material in order to deepen our understanding of these figures, their work, and the context in which they lived and wrote. To do so, we will conduct close readings of their short stories and novels to understand the artistic merits that warranted the admiration they showed for each other, the charges that they lobbed at each other, and the lasting contributions these texts have made.

Instructor: Prof. Dennis Coyle
Dates: June 18 – July 25
Times: 1:30 – 4:30 p.m.; T,TH

ENGL 213 Special Topics Creative Writing Workshop: Fiction and Nonfiction
4 credits. This course will allow you to explore a range of literary techniques as they apply to both fiction and creative nonfiction. We’ll consider discrete elements of craft, from characterization and description to narrative structure, dialogue and point of view. Since good writers are attentive, critical readers, we’ll also examine a number of essays and stories that range from intimate to invented, and from conventional to innovative. How “creative” can we make our nonfiction? And what can these genres teach us about each other? The workshop-style seminar will depend on active participation, in-class and take-home writing assignments, thorough critiques of one another’s work and commitment to the process of revision. Visiting students can expect a letter grade. Drew students will be graded Pass/Fail.

Instructor: Prof. Courtney Zoffness
Dates: June 17 – July 24
Times: 1 – 4 p.m.; M,W

ENGL 313 Creative Writing Workshop: Short Fiction (BART, WRIT)
4 credits. Uses classic and contemporary short stories to find best practices in writing short fiction. Exercises in characterization, setting, dialogue and narration work as foundations to full-length stories. Work as part of a community of writers to discuss manuscripts in class. Takes measure of current trends in published short fiction. Visiting students can expect a letter grade. Drew students will be graded Pass/Fail.

Instructor: Prof. John McIntyre
Dates: May 20 – June 13
Times: 9:30 a.m. – 12:30 p.m.; M,T,TH
HIST 215  History by the Numbers
(BHUM, QUAN)
4 credits. This mid-level course explores various historical topics using the U.S. census, statistical abstracts, opinion polls, online historical archives and selected European sources. Topics include politics, public opinion, immigration, lifestyle, ethnicity and race, gender and sexuality, economic growth, income inequality, technology and manufacturing and natural resource utilization. This course seeks to develop students' competency in analyzing quantitative information, and in relating this information to real-world conditions. Students will learn how to read statistical tables, import data to spreadsheet programs, generate graphs and perform basic analyses using spreadsheet functions. Advanced students will be encouraged to undertake more sophisticated analyses such as word frequency counts and arguments using logical operators. A laptop computer with an installed spreadsheet program required. No mathematics background needed.

Instructor: Prof. Wyatt Evans
Dates: May 21 – June 13
Times: 9:30 a.m. – 12:30 p.m.; T,W,TH

HOST 311  Topics in Holocaust Studies: Shoah, Claude Lanzmann's Nine-and-a-half Hour Epic Film: Trauma, Truth and Testimony
4 credits. Shoah, Claude Lanzmann’s nine- and-a-half hour epic film about the Holocaust, has been described as “one of the great works of art of the twentieth century” by historian Timothy Snyder and the “greatest use of film in motion picture history” by the late film critic, Gene Siskel. Siskel continues by explaining that what makes this film about the Holocaust (the word “Shoah” actually is Hebrew for “annihilation”) so great is the director’s “decision not to use a single frame of old footage.” That is there are no scenes of atrocities or horrors we associate with the Holocaust. Rather Lanzmann takes the viewer to the places where these atrocities occurred (now often amazingly pastoral and peaceful) and a “re-telling” of the story of the Holocaust through interviews 35-40 years later with people who were there “then.” As humanities professor Dominick LaCapra has written, this is “a film of endless lamentation … that is tensely suspended between the acting out of traumatic past and the difficult effort to work through it.” In this course, we will engage in close study of the film, looking at its structure, its philosophy, and the “story” of the Holocaust which it tells. We will try to understand why—after 25 years—Shoah still is considered to be a transformative document in the way the world understands the Holocaust (according to New York Times film critic Larry Rohter (12/7/10). Texts for the course will include the film itself (which will be watched in its entirety and then in segments throughout the course); the book Shoah: The Complete Text of the Acclaimed Holocaust Film (De Capo Press, 1995); essays and critical reviews about the film and readings written by or about some of the key witnesses in the film, including members of the Sonderkommando (Jews who forced to clean out the gas chambers and to cart dead bodies to the crematoria); survivors, escapees and the commandant of the Treblinka death camp; memoirs and (auto)-biographies of others who are interviewed in the film. Students will be required to submit mini-essays in response to each class session, to take responsibility to present about one of the “minor witnesses” in the film, and to complete a final paper on a subject of their choice.

Instructor: Prof. Ann Saltzman
Dates: May 20 – June 13
Times: 1 – 4 p.m.; M,T,TH

ITAL 101  Fundamentals of Oral and Written Italian I
4 credits. An introduction to the Italian spoken and written language. The course covers the basics of the Italian language through videos, songs, interactive practice in the classroom and weekly online work. Emphasis is on oral expression and listening comprehension.

Instructor: Prof. Carla Mastroianno
Dates: May 20 – June 13
Times: 9:30 a.m. – 12:30 p.m.; M,W,TH

MATH 117 001  Introductory Statistics (QUAN)
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.

Instructor: Prof. Chris Apelian  
Dates: May 20 – June 13  
Times: 9 a.m. – 12:30 p.m.; M, W, TH

MATH 117 002 Introductory Statistics (QUAN)  
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.

Instructor: Prof. Stephen Kilianski  
Dates: May 20 – June 13  
Times: 1 – 4:30 p.m.; M, W, TH

MATH 150 Calculus and Analytic Geometry I (QUAN)  
4 credits. An emphasis on functions, limits, continuity, introduction to differentiation and integration, analysis of graphical numerical information, applications of calculus.

Prerequisite: Three-and-one-half units of college preparatory high school mathematics, including trigonometry.

Instructor: Prof. Robert McLoughlin  
Dates: June 17 – July 25  
Times: 6 – 8:45 p.m.; M, W, TH

MATH 213/PHIL 213 Introduction to Logic (BINT, QUAN)  
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.

Instructor: Prof. Odysseus Makridis  
Dates: June 17 – July 11  
Times: 6 – 9 p.m.; M, T, TH

NEUROSCIENCE  

NEUR 101 Introduction to Neuroscience (BINT, BNS)  
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 on 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.

Instructor: Prof. Roger Knowles  
Dates: May 20 – June 13  
Times: 9 a.m. – noon; M, T, TH

PANAfrican studies  
PAST 305 001/HIST 301 001 Selected Topics: History and Politics in African Literatures  
4 credits. This course introduces students to novels, poems, drama, film and literary criticism that deal with the African experience. It reviews history and social narratives as products of the ways that humans both think and imagine the world, call each generation to continually interpret historical and social facts, and thus prompt new conversations. It does these by examining colonial and post-colonial African literatures and investigating how they enable us to understand contemporary events on the continent. Representative authors to be studied include Achebe, Soyinka, wa Thiong'o, Emecheta, Aidoo, Osmane, Armah, Gordimer and Coetzee.

Instructor: Prof. E. Obiri Addo  
Dates: June 17 – July 24  
Times: 6 – 9 p.m.; M, W

PAST 305 002/REL 390 001/HIST 301 002 Selected Topics: Christianity and Islam in Sub-Saharan Africa: A Historical Survey  
4 credits. This course uses the history of religions method to trace the development of Christianity and Islam in sub-Saharan Africa. Through guided readings, documentary films, journal writing, critical reviews and class discussions, students explore the penetration of these two world religions as vast and continuing cultural, economic, political and religious processes, with a profound impact on the course of history. The course pays attention to the earliest “arrival” of Christianity in Nubia and Ethiopia, and assesses its continuing role in national developments. A comparative case is made with other areas of Africa where the Christian presence is closely related to colonial history. Islamic presence is examined in light of Amadou Ba’s observation that, “Islam has no more color than water, and this explains its successes. It takes on the colors of the soils and stones.” The Islamic factor in the rise, decline and fall of earliest African empires such as Ghana, Mali, Songhai and Kanem-Bornu receives attention, and so does its role in West Africa today, particularly in

11
Nigeria and Senegal. Gender in both religions receive attention. Also critically examined is the nature of the interaction between indigenous African religions and the two “guest religions.”

**Instructor:** Prof. E. Obiri Addo  
**Dates:** June 18 – July 25  
**Times:** 6 – 9 p.m.; T,TH

### PHILOSOPHY

**PHIL 101 Introduction to Philosophy**  
**(BHUM)**  
4 credits. A probing of fundamental philosophical questions, such as: Are there rational grounds for the existence of God? Can the notion of God be reconciled with the presence of evil? How do we know what we know? What is a cause? Could there be disembodied thoughts? Is human behavior free or is it determined? Are there objective grounds for values? What makes a society just? What counts as a good explanation? The specific questions for extended study are selected by the instructor.

**Instructor:** Prof. Seung-Kee Lee  
**Dates:** May 21 – June 13  
**Times:** 6 – 9 p.m.; T,W,TH

**PHIL 213/MATH 213 Introduction to Logic**  
**(BINT, QUAN)**  
4 credits. A study of the principles and methods of correct reasoning. Emphasizes the analysis of arguments, informal fallacies and elementary deductive logic.

**Instructor:** Prof. Odysseus Makridis  
**Dates:** June 17 – July 11  
**Times:** 6 – 9 p.m.; M,T,TH

**PHIL 345 The Meaning of Life**  
**(BHUM, WI)**  
4 credits. Of the perennial questions in philosophy, the question of the meaning of life is often regarded as the most urgent, not only for philosophers but for all human beings. Our beliefs about what benefits and fulfills us often stem from the assumptions we have implicitly made about what is truly meaningful in life. In philosophy the goal is not merely to enumerate people’s opinions and beliefs but, through a careful and rigorous analysis, to determine whether any of the assumptions can be shown to count as instances of knowledge as opposed to being of mere belief. To this end, we shall bring to bear in our analysis such topics as science, morality, religion, language, personal experience and art. The course focuses on the views that fall under three broad categories: the religious, the secular and the skeptical. Readings include writings by Aristotle, Epicurus, Schopenhauer, Tolstoy, Bertrand Russell, Albert Camus, A.J. Ayer and Richard Taylor.

**Instructor:** Prof. Seung-Kee Lee  
**Dates:** May 21 – June 13  
**Times:** 1 – 4 p.m.; T,W,TH

### PHYSICS

**PHYS 101 Introductory Astronomy I:**  
**The Solar System**  
**(BNS, QUAN)**  
4 credits. An introduction to the astronomy of the solar system. The first part of the course will focus on some foundational material. This introductory material includes the celestial sphere, apparent motion of objects in the sky, angular and distance measurements, the electromagnetic spectrum, spectroscopy and telescopes. We will then go on to discuss the overall scale and structure of the solar system as well as the properties of the planets and major non-planetary components of the solar system, including asteroids, comets, meteoroids and interplanetary dust. This course includes quantitative reasoning and problem solving, which requires the use of simple algebra.

**Instructor:** Prof. Robert Murawski  
**Dates:** May 21 – June 13  
**Times:** 1 – 4 p.m.; T,W,TH

**PHYS 104 Physics in Modern Medicine**  
**(BINT, BNS, QUAN)**  
4 credits. This course is a gentle introduction to medical physics, the application of physics to medicine. Its topics include X-rays, radiation therapies, laser surgery, MRI, ultrasound imaging, etc. These topics are of
interest to not just physicists and doctors, but everyone who will encounter (if not already has encountered) some of these technologies in his/her life. This course is designed to be accessible to non-majors, who are interested in how they work. The science majors will learn how the fundamental physics principles (such as optics, waves, energy, etc.) are being applied in the new context of modern medicine, and thereby deepen their understanding of these principles. Instructor permission required.

Instructor: Prof. Minjoon Kouh
Dates: June 18 – July 25
Times: 1:30 – 4:30 p.m.; T,TH

POLITICAL SCIENCE

PSCI 103 American Government and Politics (BSS)
4 credits. A study of institutions and politics in the American political system. Ways of thinking about how significant problems and conflicts are resolved through the American political process.

Instructor: Prof. Ken Alexo
Dates: June 18 – July 25
Times: 6 – 9 p.m.; T,TH

PSCI 215 The American Presidency (BSS)
4 credits. Seeks to understand the role of the presidency and to evaluate its importance in the modern American political system. Major issues considered include the nature of presidential leadership, the relationship of the presidency to other branches of government, public expectations of the president and the effect of individual presidents.

Instructor: Prof. Phil Mundo
Dates: May 20 – June 13
Times: 9 a.m. – noon, M,T,TH

PSCI 243 Terrorism (BSS)
4 credits. In recent conflicts between ethnic, religious and cultural groups, the use of terrorism as a means of trying to advance one’s goals has been increasing at an alarming rate. The task of “deconstructing” terrorism is rather complex as it involves an understanding of a range of problems all coming into play at once. In this course, students study terrorism from an inter-disciplinary perspective. For instance, we will examine key problems such as: How do various cultures view the use of violence? How is violence justified? Is there a theatrical element to terrorism? How does gender come into play? What is the role of religion and ideological extremism?

This course on terrorism will be taught as a hybrid course, with both online and face-to-face meetings. Roughly half the sessions will be conducted online, meaning you will not need to be on campus, though some portions of the online sessions are synchronous and will occur at designated times. We will use several different modes of communication during the online meetings. Asynchronous sessions will incorporate online readings, videos, online search exercises and PowerPoint presentations. Synchronous learning will be conducted using Webex video-conferencing, sometimes incorporating the aforementioned methods. In order to complete this course, students will require minimum technological specs: a computer with a reliable broadband connection, video and sound.

Instructor: Prof. Jonathan Golden
Dates: May 20 – June 14
Times: 1 – 4 p.m., M,T,W

PSCI 303 Constitutional Law and Civil Rights (DVUS)
4 credits. This course examines the structure and functioning of the United States Supreme Court the theories about judicial decision making and legal and political debates on civil rights. Following the discussions on judicial review, federalism and separation of powers, the course will look historically on the U.S. Supreme Court’s interpretation of the equal protection clause in relation to race, gender, culture and immigration among other issues. Discussion will focus not only on landmark cases in constitutional law but also on the ways in which other legal actors, such as lawyers and interest groups, play a role in determining the nature and outcome of cases. We will look throughout at the relationship between law and politics as well as at the socio-cultural context in which judicial decisions are made.

Instructor: Prof. Jinee Lokaneeta
Dates: May 21 – June 13
Times: 1 – 4 p.m.; T,W,TH

PSYCHOLOGY

PSYC 101 Introduction to Psychology (BSS)
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.

Instructor: Prof. Patrick Dolan
Dates: June 18 – July 25
Times: 9:30 a.m. – 12:30 p.m.; T,TH
**PSYC 348 Abnormal Psychology**

4 credits. An examination of the theories of psychopathology with emphasis on current theoretical models and the relationships of the study of psychopathology to social issues. Discussion of the nature, classification, causes and treatment of major forms of psychopathology.

**Prerequisite:** PSYC 101 Introduction to Psychology  
**Instructor:** Prof. George-Harold Jennings  
**Dates:** June 18 – July 25  
**Times:** 9 a.m. – noon; T,TH

**PSYC 351 Learning and Behavior**

4 credits. An examination of both the data and theory of animal and human learning and memory including such topics as classical conditioning, instrumental conditioning, transient memory, permanent memory, forgetting and recall.

**Prerequisites:** PSYC 101 Introduction to Psychology and PSYC 211 Research Methods in Psychology or one year of college biology  
**Instructor:** Prof. Graham Cousens  
**Dates:** June 18 – July 25  
**Times:** 9:30 a.m. – 12:30 p.m.; T,TH

**PSYC 353 Cognition**

4 credits. An examination of both the data and theory of cognition including such topics as attention, perception, memory, imagery, language, problem solving, reasoning and decision making.

**Prerequisite:** PSYC 101 Introduction to Psychology and either PSYC 211 Research Methods in Psychology or one year of college biology.  
**Instructor:** Prof. Patrick Dolan  
**Dates:** June 17 – July 24  
**Times:** 9:30 a.m. – 12:30 p.m.; M,W

**RUSSIAN**

**RUSS 105 Intensive Elementary Russian I**

4 credits. An intensive study of the fundamentals of Russian grammar, incorporating training in the four basic language skills: speaking, reading, writing and listening comprehension. Students will learn to read and write the Cyrillic alphabet, word process in Russian and begin the study of the Russian case and verbal systems. We use the Golosa textbook series, and this course will cover the first five chapters of Golosa I, including extensive work in speaking and listening comprehension. Open to students with no prior knowledge of Russian or students who speak Russian at home but need to obtain formal grammar, reading and writing skills. (Equivalent to RUSS 101/103 during the regular academic year).

**Instructor:** Prof. Joanna Madlock  
**Dates:** May 20 – June 13  
**Times:** 9 a.m. – noon; M,T,W,TH

**RUSS 106 Intensive Elementary Russian II**

4 credits. An intensive study of the fundamentals of Russian grammar, incorporating training in the four basic language skills: speaking, reading, writing and listening comprehension. Students will complete a study of the Russian case and verbal systems. Supplementary readings in Russian culture and extensive use of Web based materials. This course will cover Chapters 6-10 of the Golosa I textbook, including extensive work in speaking and listening comprehension. Open to students who have completed RUSS 105 or RUSS 101/103 or the equivalent or demonstrate comparable background skills. (Equivalent to RUSS 102/104 during the regular academic year).

**Instructor:** Prof. Joanna Madlock  
**Dates:** June 17 – July 11  
**Times:** 9 a.m. – noon; M,T,W,TH

**SOCIOLOGY**

**SOC 101 Introduction to Sociology (BSS)**

4 credits. A prerequisite to all other courses in sociology. An in-depth analysis of the ways in which sociologists view the world. Topics include deviance, the family, the economy, gender, inequality, politics, race and ethnicity, socialization and social change.

**Instructor:** Prof. Kesha Moore  
**Dates:** May 20 – June 13  
**Times:** 9 a.m. – noon; M,T,TH

**SOC 217 Sociology of Management**

4 credits. A presentation of the main themes involved in the management of corporations and other business organizations. The
themes examined are communication, decision making, leadership, strategy and politics.

Prerequisite: Introduction to Sociology or permission of instructor.
Instructor: Prof. Jonathan Reader
Dates: June 18 – July 11
Times: 9 a.m. – noon; T,W,TH

SOC 227 Sociology of Families

4 credits. An analysis of theoretical approaches to the study of the family with an emphasis on changing gender roles. Focuses on diversity among families and how definitions of “the family” are changing to incorporate variations in family structure by social class, ethnic and racial background and sexual orientation. Topics include dating, love and romance, cohabitation, marriage and divorce, single-parent families, remarriage, day care and violence in intimate family relationships.

Prerequisite: SOC 101 Introduction to Sociology or permission of instructor.
Instructor: Prof. Caitlin Killian
Dates: June 18 – July 11
Times: 1 – 4 p.m.; T,W,TH

SPANISH

SPAN 101 Fundamentals of Oral and Written Spanish I

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.

Instructor: Prof. Monica Cantero-Exojo
Dates: May 21 – June 13
Times: 9:30 a.m. – 12:30 p.m.; T,W,TH

SPAN 102 Fundamentals of Oral and Written Spanish II

4 credits. Continuation of the introduction to the Spanish language. Progressive mastering of the four skills of listening, speaking, reading and writing. Emphasis on using language in context to expand self-expression.

Prerequisite: SPAN 101 Fundamentals of Oral and Written Spanish I
Instructor: Prof. Elise DuBord
Dates: June 18 – July 11
Times: 9:30 a.m. – 12:30 p.m.; T,W,TH

SPAN 201 Intermediate Spanish

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.

Prerequisite: SPAN 102 Fundamentals of Oral and Written Spanish II
Instructor: Prof. Nancy Noguera
Dates: May 21 – June 13
Times: 9:30 a.m. – 12:30 p.m.; T,W,TH

THEATRE ARTS

THEA 100 Introduction to Theatre Arts

4 credits. An introduction to the theory and practice of the theatre and its arts and crafts: acting, directing, playwriting, design, production/administration. Combines background and theory for each discipline with work on creative projects that demonstrate and implement the theories and principles. Requires no previous theatrical experience. Offered annually.

Instructor: Prof. Andrew A. Elliott
Dates: June 17 – July 24
Times: 9:30 a.m. – 12:30 p.m.; M,W

THEA 120 Theatre Technology (BART)

4 credits. An introduction to the theory, techniques, materials and equipment of theatre technology. Focuses on the principles and practice of set and costume construction; scenery painting; the nature and use of electricity, lighting and sound equipment; tools and their safe usage; technical production organization and management. Lecture format with extensive practical laboratory work. Signature of instructor required for registration.

Instructor: Prof. Andrew A. Elliott
Dates: June 18 – July 25
Times: 1:30 – 4:30 p.m.; T,TH

THEA 130 Introduction to Acting and Public Performance

4 credits. An on-your-feet program that prepares the student for any public presentations such as making extemporaneous speeches or sermons, reading material to others and storytelling. Includes various techniques in preparing a role, including relaxation and focus exercises, as well as analysis of character objectives. Class work includes a process for preparing an extemporaneous presentation, as well as storytelling and building a performance piece from the stories. The class will attend a play performed by professional actors, observing
techniques discussed in class. Open to those with no theatrical experience, as well as those who have acted before.

**Instructors:** Profs. LucyAnn Saltzman and Rodney Gilbert  
**Dates:** June 18 – July 25  
**Times:** 7 – 10 p.m.; T,TH

**THEA 200 The Shakespeare Theatre of New Jersey Apprenticeship/Internship**

4 credits. The apprenticeship program is a full-time apprenticeship or internship lasting from May through later August with the Shakespeare Theatre of New Jersey, designed for students with little experience and a primary interest in acting. Apprentices receive intensive training in a scene study, voice and movement, and have broad exposure to all aspects of theater production, gaining valuable knowledge and experience in each. The internship program is designed for more advanced students interested in developing their knowledge and skills in a specific, non-acting area such as set, lighting or costume design; directing; stage management; general management; publicity and box office.

Requirements include the keeping of a journal that records the student’s day-to-day activities and experiences, a detailed written summary of the entire apprenticeship/internship and at least one additional assignment. All work must be completed before the student finishes the program. Exact completion date and nature of the creative project are determined in consultation with the Shakespeare Theatre and the Drew faculty adviser. Prior to registration, please contact Prof. Jim Bazewicz at jbazewicz@drew.edu.

**THEA 365 Selected Topics: Shock: The Theatre of Grand Guignol and Its Legacy (BART)**

4 credits. A study of selected plays from one or more periods of dramatic achievement, emphasizing their theatrical qualities and staging. Periods studied and specific emphases vary when offered. May be repeated for credit as topic changes. Instructor permission required.

**Prerequisite:** THEA 100 or THEA 101  
**Instructor:** Prof. Andrew A. Elliott  
**Dates:** May 20 – June 13  
**Times:** 9 a.m. – noon; M,W,TH

**THEA 386 Theatre in the Community: The Newark Collaboration (DVUS, OFFC)**

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 given to theatre arts majors, theatre arts minors, and seniors. Signature of instructor required for registration.

**Instructor:** Profs. Lisa Brenner and Christopher Ceraso  
**Dates:** July 9 – August 1  
**Times:** 10 a.m. – 3 p.m.; M,T,W,TH