

# SPRING TERM 2016 SCHEDULING INSTRUCTIONS

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UP TO DATE INFORMATION: <http://webapps.union.edu/course-schedules>

COMMON CURRICULUM (GENED) INFORMATION: <http://webapps.union.edu>

TEXTBOOK PRICES AT THE COLLEGE BOOKSTORE: <http://bookstore.union.edu>

Use Notice Choose Tell before meeting with your advisor: <http://nct.union.edu>

The **2015-16 Academic Register** (<http://catalog.union.edu>) contains full descriptions of courses as well as information on pre-requisites. Additional course descriptions may be found within this document.

## COURSE NUMBERING SYSTEM

Courses numbered 0-49 carry no credit. Courses numbered 50-99 are designated for Common Curriculum or do not count for the major. Courses numbered 100-199 are all introductory level offerings. Courses numbered 200-299 are those at the sophomore/junior level that may also be taken by non-majors. Courses numbered 300-399 are upper-level that are primarily intended for majors, i.e., which represent the depth component of the major. Courses numbered 400-499 are all advanced level courses for seniors, including those used to fulfill the Senior Writing Experience (WS), seminars, research, thesis and independent studies.

**Classes Begin**..... Mon., Mar. 28<sup>th</sup>  
Off Campus/Commuter Data Verification at Silliman Hall..... Mon., Mar. 28<sup>th</sup> – Wed., Mar. 30<sup>th</sup>  
**(Late Fee of \$100 charged after the 30<sup>th</sup> for failure to verify personal data)**

## SCHEDULE CHANGES:

Last Day to Add a Course Without Permission..... Fri., Apr. 1<sup>st</sup>  
Last day to Finalize Schedule Without a **\$100.00** late fee..... Fri., Apr. 1<sup>st</sup>  
Last Day to Add a Course With Written Permission of Instructor..... Fri., Apr. 8<sup>th</sup>

## WITHDRAWAL & PASS/FAIL:

Last Day to Withdraw Without a "W"..... Fri., Apr. 8<sup>th</sup>  
Pass/Fail Option: Last Day to Place Request..... Fri., Apr. 15<sup>th</sup>  
Last Day to Withdraw With a "W" (**After this day "F" on transcript**)..... Fri., May 20<sup>th</sup>

**FALL 2016** Course Schedule Available Online (tentative)..... Fri., Apr. 29<sup>th</sup>  
Prescheduling Appointment Times on WebAdvising..... Mon., May 2<sup>nd</sup>  
Faculty Academic Advising..... Mon., May 2<sup>nd</sup> – Fri., May 20<sup>th</sup>  
Steinmetz Symposium (no classes)..... Fri., May 6<sup>th</sup>  
Petition Course Sign Up..... Sat., May 7<sup>th</sup> – Tue., May 10<sup>th</sup>  
Registration for **SUMMER 2016** Begins..... Mon., May 9<sup>th</sup>  
Faculty Review & Approval..... Wed., May 11<sup>th</sup> – Mon., May 16<sup>th</sup>  
Petition Acceptance..... Tue., May 17<sup>th</sup> – Thu., May 19<sup>th</sup>  
Prescheduling Appointment on WebAdvising..... Mon., May 23<sup>rd</sup> – Wed., May 25<sup>th</sup>  
Classes End..... Fri., Jun. 3<sup>rd</sup>  
Exams Begin..... Mon., Jun. 6<sup>th</sup>  
Exams End..... Thu., Jun. 9<sup>th</sup>  
**Commencement 2016**..... Sun., Jun. 12<sup>th</sup>  
Grades Due (online)..... Wed., Jun. 15<sup>th</sup>  
**SUMMER 2016** Classes Begin..... Mon., Jun. 20<sup>th</sup>  
Last Day to Preschedule on WebAdvising for **FALL 2016** Courses..... Sun., Jul. 3<sup>rd</sup>

# COMMON CURRICULUM REQUIREMENTS

To find courses that satisfy different requirements in the Common Curriculum:

<http://webapps.union.edu/>

For the goals of Union's Common Curriculum and definitions of requirements:

<http://www.union.edu/offices/gen-ed/>

For the Common Curriculum Worksheet and Advising Guide:

[http://www.union.edu/offices/gen-ed/\\_documents/genedadvising8.1.pdf](http://www.union.edu/offices/gen-ed/_documents/genedadvising8.1.pdf)

## **BUILD INTELLECTUAL FOUNDATIONS**

**First-Year Preceptorial** or **Honors First-Year Preceptorial** engages you in the exploration of ideas and diverse perspectives through critical reading, thinking, and writing. First-year students will be pre-assigned to an FPR section during their first year. FPR will not be credited toward any major or minor.

**Sophomore Research Seminar** or **Scholars Research Seminar** ensures you have an early hands-on experience thinking and working as an academic researcher. In the spring of their first year, students will express their preferences for an SRS section, and will be assigned to an SRS in one term during their sophomore year. (Note that Union Scholars take their Scholars Research Seminar in their first year.) SRS will not be credited toward any major or minor.

**Literature (HUL)** expands the moral imagination needed to understand yourself and your fellow human beings through literary analysis, interpretation, and reflection. Any one course designated as HUL in English (EGL), Modern Languages in Translation (MLT) or another department.

**Natural Sciences with Lab (SCLB)** changes the way you think about the natural world when you understand the scientific method and put it to work. Any Lab course in AST, BCH, BIO, CHM, ENS, GEO, PHY, or any other course listed in the schedule as an SCLB.

**Quantitative and Mathematical Reasoning (QMR)** equips you with unique insights and skills necessary to solve complex problems. Any course from MTH (except MTH-100) or any courses listed in the course schedule as QMR.

## **EXPLORE THE LIBERAL ARTS**

**Humanities (HUM)** enable you to find yourself and your voice in creative expression and the exploration of works of the imagination. Any course from AAH, ADA, AMU, ATH, AVA, CLS, EGL, FLM, GRK, LAT, PHL, REL or courses offered by the Department of Modern Languages and Literatures.

**Social Sciences (SOCS)** confront you with the complexity and challenges of our world by analyzing the societies we create. Any course from ANT, ECO, HST, PSC, SOC, or PSY-100.

**Science, Engineering and Technology (SET)** introduces you to Union's unique commitment to teaching Science and Engineering as Liberal Arts and examining their impact on our humanity. Any science (lab or no), Engineering, CSC, or any courses listed in the course schedule as SET.

## **CREATE CONNECTIONS ACROSS BOUNDARIES**

**Linguistic and Cultural Competency (LCC)** empowers you as a citizen of a global community to contribute across cultural boundaries and shape our shared future. Approved Study Abroad, two courses in the same language (at 101 or higher), or any two courses listed in the course schedule as LCC. Also, any two courses in the same language coded as LCCA (Arabic), LCCB

(Biblical Greek), LCCC (Chinese), LCCF (French), LCCG (German), LCCH (Hebrew), LCCK (Greek), LCCJ (Japanese), LCCL (Latin), LCCR (Russian), LCCS (Spanish).

**Writing Across the Curriculum (WAC)** courses encourage you to explore and create your own understanding of the liberal arts through your writing. <http://www.union.edu/Resources/Academic/WAC/index.php>. Five WAC credits in at least two Divisions and Senior Writing Experience (WS).

## MISCELLANEOUS NOTES

### **PRACTICUM COURSES – (FEES APPLICABLE)**

One course credit is optionally available for participation after three terms of a practica: Ceramics, Choir, Dance, Ensembles, Instrumental lessons, Orchestra, Theater, and Vocal lessons. For full details regarding prerequisites, check the catalog or Departmental Offices.

### **MULTIPLE SECTION COURSES/LABS**

**Special note to all students signing up for courses which have multiple sections:** Due to the possibility of over and under enrollments in certain sections of multiple section courses or lab sections, the Registrar's Office, at the request of department chairs, may switch students out of their originally scheduled courses in order to balance the sections.

### **CROSS-REFERENCED COURSE**

Students have the option of signing up for the course under one of the two department headings. If you have a question about the course, or if it is designated as a "petition" course, please see the department that is listed under Main Course. (*ie. Crossed with ABC-123*)

	<b><u>Main Course</u></b>		<b><u>Main Course</u></b>
<b>ANT-265</b>	<b>Crossed with HST-265</b>	<b>BIO-243</b>	<b>Crossed with CSC-243</b>
<b>ATH-050</b>	<b>Crossed with ADA-050</b>	<b>BNG-397</b>	<b>Crossed with ECE-377</b>
<b>ATH-104</b>	<b>Crossed with EGL-102</b>	<b>CHM-335</b>	<b>Crossed with BIO-335</b>
<b>BCH-335</b>	<b>Crossed with BIO-335</b>	<b>CSC-352</b>	<b>Crossed with ECE-352</b>
<b>BIO-058</b>	<b>Crossed with AST-058</b>	<b>ECO-122</b>	<b>Crossed with PSY-222</b>
<b>BIO-208</b>	<b>Crossed with GEO-208</b>	<b>GRK-240</b>	<b>Crossed with REL-240</b>
<b>BIO-210</b>	<b>Crossed with PSY-210</b>	<b>MLT-301</b>	<b>Crossed with SPN-405</b>
<b>BIO-211</b>	<b>Crossed with PSY-410</b>	<b>SOC-203</b>	<b>Crossed with PSY-230</b>

# KEY TO ABBREVIATIONS

Y= Petition Course (a computer petition is required to register for course)

## Key to Common Curriculum (GenEd) abbreviations:

HUL	Humanities Literature	SET	Science/Engineering/Technology
LCC	Linguistic & Cultural Competency	WAC	One unit of writing credit
QMR	Quantitative & Math Reasoning	WS	Senior writing
SCLB	Science w/Lab	WAC/s	WAC or Senior Writing
SOCS	Social Science		

## Location Codes:

<b>BAIL</b>	<b>Bailey Hall</b>	<b>MESA</b>	<b>Messa House</b>
<b>BEUT</b>	<b>Beuth House</b>	<b>NTTR</b>	<b>2/4 Nott Terrace</b>
<b>BREZ</b>	<b>Breazzano House</b>	<b>NWSE</b>	<b>North Wing, Sci &amp; Engr Ctr</b>
<b>BUTR</b>	<b>Butterfield Hall</b>	<b>OLDC</b>	<b>Old Chapel</b>
<b>RCC</b>	<b>Reamer Campus Center Auditorium</b>	<b>OLIN</b>	<b>Olin Building</b>
<b>ELAB</b>	<b>Engineering Lab</b>	<b>PDTH</b>	<b>Phi Theta Delta</b>
<b>GCTR</b>	<b>Clarkson University 80 Nott Terrace</b>	<b>SORM</b>	<b>Sorum House</b>
<b>GOLB</b>	<b>Golub House</b>	<b>STZH</b>	<b>Steinmetz Hall</b>
<b>GREN</b>	<b>Green House</b>	<b>SWSE</b>	<b>South Wing, Sci &amp; Engr Ctr</b>
<b>HENL</b>	<b>Henle Dance Pavilion</b>	<b>TMC</b>	<b>Taylor Music Center</b>
<b>KARP</b>	<b>Karp Hall</b>	<b>VART</b>	<b>Visual Arts Building</b>
<b>KADK</b>	<b>Kelly Adirondack Center</b>	<b>VART-VAS</b>	<b>Visual Art Studio</b>
<b>LAMT</b>	<b>Lamont House</b>	<b>WLDC</b>	<b>Wold Center</b>
<b>LIBR</b>	<b>Library</b>	<b>WOLD</b>	<b>Wold House</b>
<b>LIPM</b>	<b>Lippman Bldg</b>	<b>YULM</b>	<b>Yulman Theatre</b>
<b>MEMC</b>	<b>Memorial Chapel</b>		

## FOURTH COURSE POLICY

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For information regarding the college's policy on taking a fourth course please refer to the Academic Catalog by [clicking here](#). Forms are available at the Registrar's Office in Silliman Hall or on the web at <http://muse.union.edu/advising/>

# CROSS REGISTRATION

The purpose of the cross registration program is to provide students the opportunity to study areas not represented by the offerings of their home college, at no additional tuition charge. In addition to general guidelines, each college has its own set of regulations, regarding cross-registration and students should make themselves aware of these for both their home campus and the campus they are visiting.

Cross Registration has been a service of the Member Institutions of the Hudson Mohawk Association since 1970, when the Association was chartered by the New York State Board of Regents. All full time matriculated students at Union are eligible to cross register in courses during the academic year offered at:

Adirondack Community College  
Albany College of Pharmacy  
Clarkson University-Capital Region Campus  
(\*Formerly Union Graduate College)  
Empire State College  
Hudson Valley Community College  
Maria College  
Rensselaer Polytechnic Institute

Sage Colleges  
Schenectady Community College  
Siena College  
Skidmore College  
Southern Vermont College  
SUNY/Albany  
The College of Saint Rose

**Please Note:** All graduate level courses taken by Union undergraduates, including Leadership in Medicine and Combined Degree students through \*Clarkson University-Capital Region Campus and will require completion of a special Cross Registration Form. These forms are available in the Registrar's Office in Silliman Hall.

For more information contact Drew Lentz, Assistant Registrar (518) 388-6015.

## DESCRIPTION OF COURSES NOT IN THE 2015-16 ACADEMIC CATALOG

**\*Includes Revised Course Descriptions\***

**AMU-135 American Folk Music: 20<sup>th</sup> Century.** J. Cox. This course will examine the origins, development, and function of traditional folk music in North America during the 20th Century. Modern American folk music traces its roots through a wide array of cultures and traditions, both Western and non-Western. Beginning with the inherited folk repertoire of an immigrant nation, students will be asked to examine how America's national identity can be traced through its folk music during a time of great cultural transformation. By using examples of cross-over into pop, rock, country, blues, and classical genres, we will explore the boundaries between the major categories of folk, pop, and art music. Finally we will examine how the recording industry has created an odd marriage of folk-culture and commercialism. Students will be encouraged to sing, compose, and play as they are able in order to bring the class material alive through performance.

**AMU-284 Mozart's Letters and Music.** D. McMullen. The name is Joannes Chrysostomus Wolfgangus Theophilus Mozart. This is quite a start for a prodigy! Through Mozart's correspondence students will learn about his thoughts, ambitions, personality, character strengths and weaknesses, relationships with others, and ideals. At the same time students will trace his development as a composer from age 5 through his death at age 35, focusing primarily on the genres of keyboard music, symphonies, opera, and sacred works. Students who read German will have the opportunity to work with digital copies of letters in Mozart's handwriting, thereby learning to decipher late eighteenth-century German handwriting. Music majors and minors will study some scores in detail, assisted by directed writing assignments. All students will gain a solid understanding of Mozart's musical style. This course is open to all students, regardless of major.

**ANT-221 Law, Culture, and Society.** R. Samet. Law is everywhere, but it is not everywhere the same. How do diverse social, cultural, and historical contexts shape the workings of law? This course introduces students to a series of critical perspectives about what law is and how it shapes the fabric of everyday life. Students will learn how key legal issues such as dispute management, decision-making, and reconciliation are actualized in different settings. The ultimate goal of the class is to equip students with the tools to critically evaluate legal processes in multicultural and plural societies. Our approach to law will be interdisciplinary, although it is grounded in the tradition of legal anthropology, which moves back and forth between the familiar and the strange, the transcendent and the terrible, the exceptional and the quotidian. The course begins with a consideration of customary practices and conflict resolution in non-Western settings. These topics serve as a springboard for understanding more recent concerns with law as a force that shapes contemporary societies. We will see how anthropologists and critical legal scholars have contributed to the study of law by conceptualizing it as part of larger socio-political processes and as a field that includes social relations, institutions, and practices. By the end of the term, students will have encountered a number of critical perspectives that extend beyond the classroom—perspectives that inform the practice of law, the formulation of policy, the framing of social problems, and the very notion of what it means to be a citizen.

**ANT-227 Policing the Americas.** R. Samet. The Western Hemisphere is a violent place: drug wars in Mexico, street gangs in Central America, mass killings in the United States, and everywhere soaring rates of violent crime. What kinds of responses are emerging to problems of law, order, and public security in the Americas? How are these responses reshaping our societies? To what extent is the current situation the legacy of failed security policies? What is the role of the police and policing in all of this? This class adopts an anthropological perspective on the practice of policing. It looks at policing as the production of law and order—not just by local cops on the beat but also by actors involved in national and international security. The focus is on the Western Hemisphere and the influence of the United States on the ideals, institutions, and practices of policing. Key topics include: immigration, incarceration, deportation, frontiers, the movement of licit and illicit goods, democratic rights, and the regional impact of U.S. security initiatives including the Cold War, the War on Drugs, and the War on Terrorism. These topics will be grounded in studies of policing and police reform in the United States, Brazil, Colombia, Guatemala, and Mexico. By the end of the semester, students will have a working knowledge of critical issues in contemporary policing as well as the legal, socio-cultural, and economic factors behind the emerging models of police in the Americas.

**ANT-252 Anthropology of Christianity.** G. Deacon. The course provides an introduction to Christianity as a world-wide phenomenon, emphasizing the commonalities and differences between different strands of Christianity in different places and at different periods of time. Students examine anthropological approaches to the study of Christianity as well as textual, historical, anthropological and other resources for study in this field, and to address significant themes and issues arising in the study of Christianity. Christianity has its historical roots in the Ancient Near East, and has historically been identified with Europe and, later, majority-white former British colonies, most notably the US. However, during its 2000-year history it has migrated to almost every geographical area of the globe. After reviewing history and approaches we will look in depth at vibrant local Christianities in Latin America, Asia and particularly in Africa. This course is partially lecture-based and will draw from the assigned readings as a platform for presenting core concepts and ethnographies. However, the course will also comprise large group discussions, small group discussions and the occasional activity. Participation makes up a portion of your grade, so you should be an active member of the class, get to know your classmates and instructor, and engage in discussions!

**CSC-375 Compiler Design.** V. Barr. Principles and practices for the design and implementation of compilers and interpreters. Will cover the stages of the compilation and execution process: lexical analysis; parsing; symbol tables; type systems; scope; semantic analysis; intermediate representations; run-time environments and interpreters; code generation; program analysis and optimization; and garbage collection. Students will construct a full compiler for a simple object-oriented language. Prerequisite: CSC-250; CSC-260 recommended.

**ECE-344 Electric Machines and Drives.** L. Dosiek. Introduction to electric drives; understanding mechanical system requirements; DC motors and variable speed drives; current, speed, and position controllers; induction machine variable speed drives; space vectors; permanent magnet AC and brushless DC motors; efficiency considerations and applications to alternative energy systems. Prerequisites: ECE-240.

**ECO-356 Seminar in Health Economics.** J. Gao. Health economics is a fast growing field and is an important aspect of public policy. This course is designed to familiarize you with the research literature in this field, and a theoretical and empirical “tool kit” that enable you to ask and answer questions as a health economist. We will cover a variety of topics concerning the production of health, the demand for health insurance, the impact of insurance on health status, the demand for health care services, Medicaid and Medicare, the role of government in health care markets and in promoting healthy behavior, and health reforms. You will benefit from economic analysis on current health-related issues of public concern, ranging from rising health care cost to the prevalence of childhood obesity. By the end of the semester, you will be acquainted with a broad mix of institutional knowledge, theoretical literature, and empirical studies. Prerequisite: ECO-241, ECO-242, and ECO-243.

**EGL-207 Literature and Sexuality: “Queering” the Text.** J. Mitchell. By examining literary and cultural representations, this course both interrogates the politics and social dynamics of various sexual identities and subjectivities and examines complex representations of both gender and sexuality. This course also focuses on the literary study of important straight, gay, lesbian, queer, bisexual, and transgender writers within their evolving social, historical, and cultural contexts from the nineteenth-century forward. In this class, we will discuss some of the major critical debates both in literary studies and in gender and sexuality studies, pursuing some of the following questions: How do we understand sexuality? How do we define “queerness”? How has that definition changed over time? What is queer about literature? What are queer narratives? Who creates the discourse on queer bodies and identities? How is sexuality represented in literature? How can we understand the relationship between lived experience and literary/cultural representations? Prerequisites: EGL-100, EGL-101, or EGL-102.

**EGL-229 End of Civilization: British Literature from 1871 through World War I.** L. Goodman. In the mid-nineteenth century, Britain hosted the first World’s Fair, called the Great Exhibition of the Works of Industry of all Nations, a display of technical and artistic achievements from around the world. Most of all, however, the Great Exhibition served to make clear to the world Britain’s belief in its role as an industrial leader and superior—a civilization at a new peak of development and progress. Twenty years later, however, the mood was beginning to shift. British culture experienced challenges from within and without; artists and critics were questioning the model of linear progress and considering what it might mean if British civilization had already reached its peak and was on the decline. This course will explore the representation of this idea—that the end of civilization was near—in the literature of the late Victorian period and the Modernist period. We will read works by Oscar Wilde, Bram Stoker, H.G. Wells, Joseph Conrad, Virginia Woolf, and T.S. Eliot, as we consider how the literary depiction of this idea shifts at the turn of the century. Prerequisites: EGL-100, EGL-101, or EGL-102.

**EGL-281 American Literary Landscape.** J. Murphy. Environmental research psychologist Maria Vittoria Giuliani emphasizes that human-to-place attachments “not only permeate our daily life but very often appear also in the representations, idealizations and expressions of life and affect represented [in] literature.” Indeed, many literary works emphasize humanity’s basic attachment needs and the importance person-to-place bonds have in the development of the human psyche. American fiction writers frequently employ descriptions of American landscapes as inspiration for character and plot development, and American nature writers often emphasize the way in which wilderness environments may influence one’s mental and physical health and emotional well-being. In fact, recent studies in the field of cognitive neuroscience provide evidence to substantiate the theory that exposure to a natural environment may actually generate structural changes in the brain by increasing oxygenation and blood flow that occur in response to neural activity. Hence, this course will employ contemporary studies in place attachment, environmental psychology, and cognitive neuroscience to examine the way in which various literary works illustrate the important role environment plays in aiding or obstructing one’s ability to think, reason, remember, problem-solve, process information, use language, or be creative. Prerequisites: EGL-100, EGL-101, or EGL-102.

**EGL-292 Radical Rhetoric.** H. Jenkins. Most rhetoric—persuasive speech or writing—is based on the sound idea of convincing people of what they already believe, or are predisposed to believe. But how does one convince people that what they already believe, or are predisposed to believe, is wrong? How do you convince people that the world needs to be turned upside down in order to be made right? The 2016 presidential election, in particular the campaigns of Donald Trump and Bernie Sanders, provides a test case of the efficacy of radical rhetoric; we’ll look at its successes and failures and locate its sources in the radical rhetoric of prior and contemporary would-be world changers, from Socrates and Jesus through to Malcolm X and Martin Luther King, Ayn Rand and Karl Marx, Christopher Hitchens and Ann Coulter, and whoever else next pops up on television or the internet with fiery indignation, a plan, and some sense of style. The course is designed for serious writers and hard workers who possess all three of these traits, but also—maybe especially—a sense of humor. Prerequisites: EGL-100, EGL-101, or EGL-102.

**GEO-107 Dinosaurs: Evolution and Extinction. S. Dosiek.** This course will be exploring the evolution, extinction, and natural history of our planet all by studying one of the most fascinating groups of animals of all time – the dinosaurs! We won't be memorizing names and facts of dinosaur species, but rather exploring the group as a whole to answer questions like: Did all dinosaurs have feathers? Were they warm blooded? Did they travel in herds? Did they look after their young? The course will acquaint you with dinosaurs and the world they lived in – the Mesozoic. We will discuss their evolution and ecology, their extinction, and the dinosaurs of today (birds are dinosaurs!). You can expect to expand your knowledge of geology, the scientific process, natural history, evolutionary relationships, and critical analysis.

**GER-307 East German Culture. M. Ricci-Bell.** This course offers an overview of life in East German socialism, with a focus on cultural, societal and political themes. Centrally, we consider the ways the both literature and film became essential outlets for cultural expression in the GDR, as well as the constraints placed upon such expression. Moreover, we devote time to examining political and social topics affecting cultural production and consumption in the GDR (known as a quintessential “Leseland” – country of readers). Our materials span the critical to the celebratory, and the sober to the comical, capturing important ‘snapshots’ of this small, short-lived (1949- 1990), yet vital country. Course taught in German. Prerequisite: GER-201.

**GRK-240 Hellenistic Greek. P. Bedford.** (Crossed with REL-240) Hellenistic, or Koiné, Greek is a later vernacular Attic Greek that developed after the conquests of Alexander the Great. It has a diverse literature attested throughout the Greco-Roman world, and includes the New Testament (see GRK 243). In this class we will read a selection of Jewish and Christian texts, including the Septuagint, as well as letters and inscriptions. Prerequisite: GRK-103.

**HST-229 Adirondack Environmental History. A. Morris.** The Adirondack Mountains region of New York has long been on the cutting edge of American environmental history: one of the first places where “wilderness” was embraced as a positive quality; where a pioneering state park was established to protect the state’s natural resources; and where battles over land use divided environmentalists, regulators, and local residents. This course use the Adirondacks as a case study to explore these and other major themes of America’s environmental history from the colonial period through the early twenty-first century. It will investigate how the perception, utilization, and protection of nature in the Adirondacks was shaped by a variety of cultural and economic values over time, and how those practices and values were at times deeply contested. This class will meet at Union College’s Kelly Adirondack Center and will feature several field trips to the Adirondacks.

**HST-258 Nazi Science, Medicine, and Technology. M. Walker.** This course is a history of how science, medicine, and technology interacted with Nazism, beginning with the background of the First World War and Weimar Republic, through the Third Reich, and continuing through to its legacy during the post-Second World War era. This story extends beyond Germany, both because of the international effects of this interaction, and through comparisons with science, medicine, and technology under other regimes and in other cultures.

**HST-282 The Mongols: Terror and Trade. J. Madancy.** This course explores the rise, fall, and memory of one of the world’s greatest empires. Students will read not only about the Mongols themselves, but also about the many cultures and countries that the Mongols conquered (and a few that they failed to conquer), and will analyze those fraught cross-cultural encounters through a variety of materials. We will also look at how the overwhelmingly negative portrayal of the Mongols has evolved over time, and students will examine and analyze portrayals of Genghis Khan in contemporary films, literature, and monuments.

**HST-289 Global Indians: South Asian Identity in the U.S. R. Mazumder.** The Indian diaspora today constitutes an important, and in some respects unique, force in world culture. In the United States alone, Indians number in excess of 3.1 million according to the latest census results, amounting to 1% of the US population. We will begin by studying Indians migrating worldwide through the nineteenth and twentieth centuries, as part of colonial networks of circulating labor and capital. We will then focus particularly on the United States to pose various critical questions about identity, race, gender and cultural assimilation and change. Using first person accounts, short stories and novels, films, popular music, and food, this course will examine the history of these diverse groups of people and how they have formed the Indian diaspora across the globe and particularly in this part of the world.



**MER-346 Orthopedic Design.** G. Sanders. A mechanical engineering elective that will utilize applied mechanics principles to better understand the treatment options for various prevalent orthopaedic disorders including: hip and knee replacements, fracture fixation, spinal fusion, rotator cuff repair, etc. Students will learn the basic fundamentals of finite element analyses, the pathway through Federal Drug Administration (FDA) approval, intellectual property strategies, and manufacturing concerns, which will be used in a design and development project. Prerequisites: MER 214 or BNG 311

**MLT-301 Lost and Found in Translation.** (Crossed with SPN-405) See SPN-405 course description.

**PHL-281 Belief, Truth and Knowledge.** Can you know something even if you have no evidence that it is true? Is it rational to hold political or religious beliefs that you would have rejected had you been raised in a different family or culture? In this advanced introductory course, we will examine these and other questions about what you really know and what you can rationally believe. In addition to these sorts of questions, we will step back and consider the general question of what it is to know something, and what it is to believe something rationally. We will even consider skepticism, the philosophical view that you do not know anything at all.

**PHL-339 Where the Wild Things Are: Ecosystems Ontology.** W. Vitek. This course takes Henry David Thoreau's claim 'In Wildness is the Preservation of the World' as the philosophical starting point of the American environmental movement and its attempts to conceptualize nature as a collection of ecosystems and as an ecosphere; along with the ontological, epistemological and ethical implications that result. Authors range from the pre-Socratics and Alfred North Whitehead to Thoreau, Emerson, John Muir, Aldo Leopold, Stan Rowe, Wes Jackson and Stuart Kauffman.

**PSC-233 Human Rights and Political Theory.** C. Cidam. We are living in an age of human rights. Today, there is hardly any disagreement that we, as human beings, are entitled to a certain set of rights by the mere fact of being human. This almost universal acceptance of human rights has changed the world we live in dramatic ways. Following the aftermath of World War II, we have seen the emergence of innumerable international and nongovernmental organizations that are specifically devoted to the protection of human rights. And yet, despite all these developments, human rights abuses, in different guises, rage on all over the world, including the developed countries of the West. What can account for this unsettling fact? Are the ongoing human rights abuses a result of an implementation problem bringing to light the inadequacies of the current international human rights regimes or are they symptomatic of a deeper problem that goes to the heart of the notion of human rights itself? Do the unprecedented developments in human rights law announce the coming of a new and better world where all people, regardless of their race, gender and citizenship status will benefit from legal protection or is the idea of expanding human rights to whole humanity a utopian dream that runs the risk of becoming an ideology used by the Western powers to legitimize their new colonial adventures? We will address these challenging, intriguing, and somewhat disconcerting questions through an interdisciplinary inquiry where we will engage with the debates surrounding human rights not only within the fields of political theory and international relations but also in academic disciplines other than political science such as history, anthropology, legal studies, psychology, and philosophy. During the course of the semester, we will explore the historical and philosophical origins of human rights, examine various examples of the current human rights abuses we observe in the developed countries of the West, and analyze contemporary criticisms of the human rights discourse by focusing on issues as torture, the rights of refugees and asylum seekers, humanitarianism, and humanitarian intervention.

**PSC-291 Urban Politics.** A. Dell'Aera. This course is designed to survey the politics of America's central cities. The actors in this story include machine bosses, reformers, immigrants, bureaucrats, politicians, average citizens, the rich, and the poor. Particular attention will be given to the forms of local government, governing strategies of mayors, populations, types of communities, urban institutions, and policy challenges. The first part of the course will examine various forms of city government, the emergence of urban America, and the rise of political machines. The second part of the course will study the effects of progressive reforms, the reorganization of city politics and the emergence of race and ethnicity in the post-war city. The third part of the course will examine policy challenges such as poverty, crime, education, and economic development in the contemporary city. We will conclude with a consideration of national urban policy and different ways average citizens can make a difference.

**PSC-369 Seminar in American Politics: The Political Development of the Presidency.** A. Dell'Aera. This seminar will explore the political development of the American Presidency, from the time of the founding to the present day. We begin with the question of how can a political institution that was designed in the late 1700s continue to function today? As we answer this question, we will examine the Constitutional origins of the Presidency, how the duties of the President have expanded over time, how the size of the Presidential institution itself has grown into a huge bureaucracy to carry out the functions of the Executive branch, how the demands of the electoral process have affected the way a President governs, how a President develops strategies to address issues and crises while working with (and sometimes against) the other branches of government in a system where power is separated, shared, checked, and balanced, and how a President deals with myriad actors both at home and abroad.

**REL-201 Darwin and Design: The Creation – Evolution Debates.** K. Wegter-McNelly. “A bird’s wings are designed for flying.” Is this a scientific statement? Is it testable? Is it true (in any sense)? For thousands of years humans have looked at the natural world and perceived evidence of design. The theory of biological evolution, most famously associated with Charles Darwin, undercut this tradition by providing a chance-based explanation of biological complexity. This course examines the history of the concept of organismal design in Western thought, Darwin’s pivotal place in that history, and the subsequent development of the idea up to the present day. During the final weeks of the course teams of students face off and debate various claims central to current controversies surrounding the idea of design in nature. No previous coursework in science or religious studies is required.

**REL-240 Hellenistic Greek.** (Crossed with GRK-240) See GRK-240 course description.

**SPN-400 Chivalry, Knighthood & Don Quixote.** V. Martinez. A Study of *Don Quixote* by Miguel de Cervantes. What is a knight? What is Chivalry? Who are Don Quixote and Sancho Panza and why are they still popular figures after 400 years? This course includes the reading of essential chapters of the novel and related films and will focus on the stories of knighthood, chivalry, and honor, the combination of violence and humor, reality versus illusion, sanity versus madness, and the complexities of life in early 17<sup>th</sup>-century Spain. The course will also focus on the influence of the *Quixote* in more contemporary arts and popular culture. Prerequisite: Two 300-level SPN courses.

**SPN-405 Lost and Found in Translation.** M. Osuna. **(Crossed with MLT-301)** The course introduces advanced students and heritage speakers of Spanish (MLT-301) to the field of translation and interpretation studies and offers practical approaches for the acquisition of translation skills. It aims at extending and improving students’ linguistic competence, sharpening analytical and critical abilities, as it provides a basis for further studies in translation and interpretation and basic preparation for employment that may require translation skills. Class will be taught in Spanish. Prerequisite: Two 300-level SPN courses.

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
<b>Accounting</b>							
ACC-100-01	Intro to Accounting		OFF- TBA	TTH 01:55PM 03:40PM	McDonald, J.		1.00
<b>Africana Studies</b>							
*By permission of Instructor Only							
*AFR-295H-20	Africana Studies Indep Study 1		TBA		Staff		0.00
*AFR-296H-20	Africana Honors Indep. Study 2		TBA		Staff		0.00
*AFR-490-20	Africana Studies Ind Study 1		TBA		Staff		1.00
*AFR-498-20	Africana Studies Sen Thesis 1		TBA		Staff		0.00
*AFR-499-20	Africana Studies Sen Thesis 2		TBA		Staff	WS	2.00
AMU-134-01	Music and Culture of Africa		TMC 120+	MWF 01:50PM 02:55PM	Olsen, T.	LCC/HUM/WAC	1.00
ANT-181-01	Anthro of Sub-Saharan Africa		OLIN 115+	TTH 10:55AM 12:40PM	Osborn, M.	LCC	1.00
EGL-406-01	Sr Seminar: Toni Morrison	Y	LIPM 201+	MW 03:05PM 04:45PM	Tuon, B.	HUL/HUM/WAC/S/LCC	1.00
HST-231-01	Civil Rights Movement		KARP 008+	MWF 01:50PM 02:55PM	Lawson, M.	LCC	1.00
HST-257-01	Modern France and Its Empire		LIPM 017+	TTH 10:55AM 12:40PM	Peterson, B.	LCC	1.00
HST-270-01	Latin American Popular Culture		LIPM 014+	MW 03:05PM 04:45PM	Meade, T.	LCC	1.00
HST-315-01	Race and the Constitution	Y	LIPM 101+	MW 03:05PM 04:45PM	Aslakson, K.		1.00
PSC-240R-01	Comparative Ethnic Politics		WLDC 010+	MWF 11:45AM 12:50PM	Hislope, R.	WAC	1.00
<b>American Studies</b>							
*By permission of Instructor Only							
AAH-251T-01	Culture, Landsc & Politics DC		TBA		Lobe, T.	HUM	1.00
AAH-366-01	From Pollock to Post-Modern		KARP 002+	TTH 01:55PM 03:40PM	Cox, L.	LCC/HUM	1.00
AMS-251T-01	Culture, Landsc & Politics DC		TBA		Lobe, T.		1.00
*AMS-498-20	American Studies Sen Thesis 1		TBA		Staff		0.00
*AMS-499-20	American Studies Sen Thesis 2		TBA		Staff	WS	2.00
AMU-135-01	American Folk Music: 20th Cent		TMC 120+	TTH 01:55PM 03:40PM	Cox, J.	HUM/WAC	1.00
AMU-221-01	The History of Rock and Roll	Y	TMC 120+	MWF 11:45AM 12:50PM	Matsue, J.M.	HUM/WAC	1.00
ANT-210-01	Anthropology of Poverty		KARP 001+	TTH 01:55PM 03:40PM	Witsoe, J.	LCC	1.00
ANT-227-01	Policing the Americas		WLDC 225+	MWF 09:15AM 10:20AM	Samet, R.	LCC	1.00
CLS-151-01	Ancient World in Film & Lit		OLIN 115+	TTH 09:00AM 10:45AM	Raucci, S.	LCC/HUL/HUM	1.00
ECO-226-01	Financial Markets		LIPM 017+	MWF 08:00AM 09:05AM	Lewis, B.G.	WAC	1.00
			LIPM 017+	T 08:00AM 08:50AM			
ECO-237-01	Women, Men, Work & Family		LIPM 014+	MWF 10:30AM 11:35AM	Foster, E.		1.00
ECO-237-02	Women, Men, Work & Family		LIPM 014+	MWF 11:45AM 12:50PM	Foster, E.		1.00
ECO-339-01	Public Finance		LIPM 101+	MW 07:00PM 08:45PM	Cummings, M.		1.00
EGL-246-01	American Poetic Tradition		KARP 105+	M 06:00PM 09:30PM	Wineapple, B.	HUL/HUM/WAC	1.00
EGL-246-02	American Poetic Tradition		KARP 105+	MW 03:05PM 04:40PM	Wineapple, B.	HUL/HUM	1.00
EGL-281-01	American Literary Landscape		KARP 200+	TTH 10:55AM 12:40PM	Murphy, J.	HUL/HUM/WAC	1.00
EGL-290-01	Studies in Film Genre/Style		KARP 105+	TTH 07:00PM 08:45PM	Troxell, J.	HUM/WAC	1.00
HST-116-01	Age of Jackson		KARP 105+	MWF 09:15AM 10:20AM	Brennan, D.P.		1.00
HST-126-01	Since Yesterday US 1974-2000		LIPM 016+	TTH 10:55AM 12:40PM	Feffer, A.		1.00
HST-213-01	Women in Modern America	Y	KARP 008+	TTH 09:00AM 10:45AM	Foroughi, A.R.	WAC	1.00
HST-228-01	Unions History and Treasures		LIPM 012+	MWF 01:50PM 02:55PM	Brennan, D.P.		1.00
HST-229-01	Adirondack Environmental Hstry	Y	KADK 001	TTH 01:55PM 03:40PM	Morris, A.J.		1.00
HST-231-01	Civil Rights Movement		KARP 008+	MWF 01:50PM 02:55PM	Lawson, M.	LCC	1.00
HST-289-01	Global Indians		KARP 005+	MWF 01:50PM 02:55PM	Mazumder, R.	LCC	1.00
HST-315-01	Race and the Constitution	Y	LIPM 101+	MW 03:05PM 04:45PM	Aslakson, K.		1.00
HST-333-01	Hollywood Film History	Y	KARP 006+	TTH 01:55PM 03:40PM	Feffer, A.		1.00
PSC-111-01	Introduction to U.S. Politics		LIPM 017+	MWF 01:50PM 02:55PM	Hays, B.	SOCS	1.00
PSC-251T-01	American Foreign Policy				Lobe, T.		1.00
PSC-275-01	Law and Film		LIPM 017+	MW 03:05PM 04:45PM	Hays, B.		1.00
PSC-277-01	Pol Internship-Capital Region		TBA		Brown, C.		1.00
PSC-280T-01	Internship in Washington DC				Lobe, T.		1.00
PSC-291-01	Urban Politics		WLDC 010+	TTH 10:55AM 12:40PM	Dell'Aera, A.		1.00
PSC-355-01	Defense Policy		LIPM 014+	MW 07:00PM 08:45PM	Brown, C.		1.00
PSC-358R-01	Wealth & Power Among Nations		WLDC 128+	MWF 10:30AM 11:35AM	Dallas, M.	WAC	1.00
PSC-369-01	Seminar: U.S.Politics	Y	LIPM 016+	TTH 01:55PM 03:40PM	Dell'Aera, A.	WAC	1.00
SOC-223-01	Sociology of Religion		BAIL 300+	MWF 09:15AM 10:20AM	Cotter, D.	WAC	1.00
SOC-314-01	America's War on Drugs		BAIL 104+	TTH 10:55AM 12:40PM	Stablein, T.	WAC	1.00
<b>Anthropology</b>							
*By permission of Instructor Only							
ANT-110-01	Intro to Cultural Anthropology		WLDC 225+	MWF 10:30AM 11:35AM	Khan, A.	LCC/SOCS	1.00
ANT-110-02	Intro to Cultural Anthropology		WLDC 225+	MWF 11:45AM 12:50PM	Osborn, M.	LCC/SOCS	1.00
ANT-181-01	Anthro of Sub-Saharan Africa		OLIN 115+	TTH 10:55AM 12:40PM	Osborn, M.	LCC	1.00

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
ANT-210-01	Anthropology of Poverty		KARP 001+	TTH 01:55PM 03:40PM	Witsoe, J.	LCC	1.00
ANT-214-01	Language & Culture		KARP 004+	MWF 08:00AM 09:05AM	Brison, K.	LCC/WAC	1.00
ANT-221-01	Law, Culture, and Society		KARP 008+	MW 03:05PM 04:45PM	Samet, R.	LCC	1.00
ANT-227-01	Policing the Americas		WLDC 225+	MWF 09:15AM 10:20AM	Samet, R.	LCC	1.00
ANT-252-01	Anthropology of Christianity		LIPM 101+	TTH 10:55AM 12:40PM	Deacon, G.	LCC	1.00
ANT-254-01	Anthropology of Religion		WLDC 225+	MWF 01:50PM 02:55PM	Khan, A.	LCC	1.00
ANT-265-01	The Museum: Theory & Practice	Y	OLIN 211+	TTH 01:55PM 03:40PM	Foroughi, A.R.		1.00
*ANT-295H-20	Anthro Honors Ind Project 1		TBA		Staff		0.00
*ANT-296H-20	Anthro Honors Ind Project 2		TBA		Staff		1.00
ANT-363-01	Research Methods & Design	Y	KARP 001+	TTH 09:00AM 10:45AM	Witsoe, J.		1.00
*ANT-490-20	Anthropology Ind Study 1		TBA		Staff		1.00
*ANT-498-20	Anthropology Senior Thesis 1		TBA		Staff	WS	0.00
ANT-499-01	Anthropology Senior Thesis 2		TBA		Samet, R.	WS	2.00
*ANT-499-20	Anthropology Senior Thesis 2		TBA		Staff	WS	2.00

### Arabic

ARB-102-01	Basic Arabic 3		KARP 200+	MWF 09:15AM 10:20AM	Hawana, W.	LCCA/HUM	1.00
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### Art History

\*By permission of Instructor Only

AAH-120-01	17th-18th Century European Art		KARP 105+	MWF 11:45AM 12:50PM	Ogawa, D.	LCC/HUM	1.00
AAH-223-01	The Nude		KARP 005+	TTH 10:55AM 12:40PM	Ogawa, D.	LCC/HUM	1.00
AAH-251T-01	Culture, Landsc & Politics DC		TBA		Lobe, T.	HUM	1.00
*AAH-295H-20	Art History Honors Ind Proj 1		TBA		Staff		0.00
*AAH-296H-20	Art History Honors Ind Proj 2		TBA		Staff		1.00
AAH-366-01	From Pollock to Post-Modern		KARP 002+	TTH 01:55PM 03:40PM	Cox, L.	LCC/HUM	1.00
*AAH-490-20	Art History Ind Study 1		TBA		Staff		1.00
*AAH-498-20	Art History Senior Thesis 1		TBA		Staff		0.00
*AAH-499-20	Art History Senior Thesis 2		TBA		Staff	WS	2.00

### Asian Studies

\*By permission of Instructor Only

*AIS-295H-20	Asian St Honors Ind Project 1		TBA		Staff		0.00
*AIS-296H-20	Asian St Honors Ind Project 2		TBA		Staff		1.00
*AIS-490-20	Asian Studies Ind Study 1		TBA		Staff		1.00
*AIS-498-20	Asian Studies Sr Thesis 1		TBA		Staff		0.00
AIS-499-01	Asian Studies Sr Thesis 2		TBA		Madancy, J.	WS	2.00
*AIS-499-20	Asian Studies Sr Thesis 2		TBA		Staff	WS	2.00

AMU-012-01	Taiko Ensemble Practicum	Y	TMC 103	TH 07:00PM 09:00PM	Matsue, J.M.		0.00
			TMC 120+	TH 07:00PM 09:00PM			
CHN-101-01	Basic Chinese 2		OLIN 106+	MWF 10:30AM 11:35AM	Li, F.B.	LCCC/HUM	1.00
CHN-102-01	Basic Chinese 3		KARP 101+	MWF 11:45AM 12:50PM	Zhang, Z.	LCCC/HUM	1.00
CHN-201-01	Intermediate Chinese 2		KARP 101+	MWF 01:50PM 02:55PM	Zhang, Z.	LCCC/HUM	1.00
CHN-402-01	Chinese Thought in the 20th C.		LIBR 222	MWF 11:45AM 12:50PM	Ferry, M.M.	LCCC/HUM/WAC	1.00
ECO-354-01	International Economics		WLDC 225+	TTH 01:55PM 03:40PM	Motahar, E.		1.00
HST-282-01	The Mongols: Terror & Trade		BAIL 201+	TTH 10:55AM 12:40PM	Madancy, J.	LCC	1.00
HST-287-01	Film and Modern India		KARP 002+	MWF 11:45AM 12:50PM	Mazumder, R.	LCC	1.00
HST-289-01	Global Indians		KARP 005+	MWF 01:50PM 02:55PM	Mazumder, R.	LCC	1.00
JPN-101-01	Basic Japanese 2		LIPM 201+	MWF 09:15AM 10:20AM	Vassil, K.	LCCJ/HUM	1.00
JPN-101-02	Basic Japanese 2		LIPM 201+	MWF 11:45AM 12:50PM	Vassil, K.	LCCJ/HUM	1.00
JPN-201-01	Intermediate Japanese 2		KARP 103+	MWF 09:15AM 10:20AM	Lafave, S.	LCCJ/HUM	1.00
MLT-205-01	Mod East Asian Lit Perspctvs		KARP 200+	MW 03:05PM 04:45PM	Ferry, M.M.	HUL/LCC/WAC	1.00
PHL-245-01	Buddhist Ethics		KARP 004+	MW 03:05PM 04:45PM	Nowakowski, D.	LCC/HUM	1.00
PSC-358R-01	Wealth & Power Among Nations		WLDC 128+	MWF 10:30AM 11:35AM	Dallas, M.	WAC	1.00

### Astronomy

AST-050-01	The Solar System w/Lab	Y	OLIN 115+	MWF 09:15AM 10:20AM	Hallenbeck, G.	SCLB/WAC	1.00
AST-050L-01	The Solar System Lab		OLIN 211+	M 01:50PM 04:40PM	Marr, J.M.		0.00
AST-050L-02	The Solar System Lab		OLIN 206+	T 09:00AM 11:50AM	Marr, J.M.		0.00
AST-050L-03	The Solar System Lab		OLIN 206+	T 01:50PM 04:40PM	Marr, J.M.		0.00
AST-058-01	Astrobiology	Y	LIPM 016+	MWF 10:30AM 11:35AM	Koopmann, R.	SET	1.00
					Horton, J. S.		
AST-105-01	Intro to Planetary Science	Y	OLIN 115+	MWF 09:15AM 10:20AM	Hallenbeck, G.	WAC	1.00
			OLIN 301+	T 09:15AM 10:20AM			

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
<b>Biochemistry</b>							
*By permission of Instructor Only							
*BCH-291-01	Biochemistry Research Pract. 1		TBA		Paulick, M.		0.00
*BCH-291-20	Biochemistry Research Pract. 1		TBA		Staff		0.00
*BCH-292-20	Biochemistry Research Pract. 2		TBA		Staff		0.00
*BCH-293-20	Biochemistry Research Pract. 3		TBA		Staff		1.00
*BCH-295H-20	Biochem Honors Ind Project 1		TBA		Staff		0.00
*BCH-296H-01	Biochem Honors Ind Project 2		TBA		Theodosiou Napier, N.		1.00
*BCH-296H-20	Biochem Honors Ind Project 2		TBA		Staff		1.00
BCH-335-01	Survey of Biochemistry	Y	BAIL 207+	MWF 11:45AM 12:50PM	Cohen, B.D.		1.00
*BCH-490-20	Biochemistry Independent Study		TBA		Staff		1.00
*BCH-491-01	Biochemistry Research 1		TBA		Cohen, B.D.		1.00
*BCH-491-20	Biochemistry Research 1		TBA		Staff		1.00
*BCH-492-01	Biochemistry Research 2		TBA		Danowski, B.		1.00
*BCH-492-20	Biochemistry Research 2		TBA		Staff		1.00
*BCH-493-01	Biochemistry Research 3		TBA		Cohen, B.D.		1.00
*BCH-493-02	Biochemistry Research 3		TBA		Danowski, B.		1.00
*BCH-493-03	Biochemistry Research 3		TBA		Paulick, M.		1.00
*BCH-493-20	Biochemistry Research 3		TBA		Staff		1.00

### Bioengineering

At the request of the Dept. Chair; students in multiple section courses may be switched from their originally scheduled section in order to optimize enrollment.

\*By permission of Instructor Only

BNG-202-01	Biomechanics II W/Lab		WLDC 128+	MWF 09:15AM 10:20AM	Khetan, S.		1.00
BNG-202L-01	Biomechanics II Lab		BUTR 106+	TH 09:00AM 11:45AM	Khetan, S.		0.00
BNG-202L-02	Biomechanics II Lab		BUTR 106+	TH 01:55PM 04:45PM	Khetan, S.		0.00
*BNG-295H-20	Bioengineer Honors Ind Proj 1		TBA		Staff		0.00
*BNG-296H-20	Bioengineer Honors Ind Proj 2		TBA		Staff		1.00
BNG-331-01	Cell Tissue Interaction	Y	LIPM 101+	MWF 10:30AM 11:35AM	Khetan, S.		1.00
BNG-397-01	Biometric Signal Process	Y	NWSE 102	TTH 10:55AM 12:40PM	Colter, S.		1.00
*BNG-490-20	Bioengineer Independent Study		TBA		Staff		1.00
*BNG-497-20	Bioengineering Sr. Project 1		TBA		Staff		1.00
*BNG-498-01	Bioengineering Sr. Project 2		TBA		Currey, J.	WAC	1.00
*BNG-498-20	Bioengineering Sr. Project 2		TBA		Staff	WAC	1.00

### Biology

At the request of the Dept. Chair; students in multiple section courses may be switched from their originally scheduled section in order to optimize enrollment.

\*By permission of Instructor Only

BIO-058-01	Astrobiology	Y	LIPM 016+	MWF 10:30AM 11:35AM	Horton, J. S.	SET	1.00
BIO-065-01	Food & Health in 21st Century	Y	WLDC 225+	MWF 08:00AM 09:05AM	Willing, R.	SET	1.00
BIO-110-01	Heredity Evolution Ecology	Y	WLDC 128+	MWF 11:45AM 12:50PM	Staff	SET	1.00
BIO-110X-01	Heredity/Evol/Eco Recitation		OLIN 204+	TH 01:55PM 03:15PM	Staff		0.00
BIO-110X-02	Heredity/Evol/Eco Recitation		OLIN 204+	TH 03:25PM 04:45PM	Staff		0.00
BIO-112-01	Cells & Organisms w/Lab	Y	LIPM 016+	MWF 09:15AM 10:20AM	Theodosiou Napier, N.	SCLB/WAC	1.00
BIO-112-02	Cells & Organisms w/Lab	Y	KARP 005+	MWF 10:30AM 11:35AM	Kirkton, S.	SCLB/WAC	1.00
BIO-112L-01	Cells & Organisms Lab		SWSE 105	M 01:50PM 04:40PM	Theodosiou Napier, N.		0.00
BIO-112L-02	Cells & Organisms Lab		SWSE 105	T 01:55PM 04:45PM	Willing, R.		0.00
BIO-112L-03	Cells & Organisms Lab		SWSE 105	W 01:50PM 04:40PM	Willing, R.		0.00
BIO-112L-04	Cells & Organisms Lab		SWSE 105	TH 01:55PM 04:45PM	Kirkton, S.		0.00
BIO-112L-05	Cells & Organisms Lab		SWSE 105	TH 09:00AM 11:50AM	Kirkton, S.		0.00
BIO-208-01	Paleontology	Y	OLIN 307+	TTH 10:55AM 12:40PM	Verheyden, A.		1.00
BIO-210-01	Behavioral Neuroscience	Y	BUTR 325+	TTH 01:55PM 03:40PM	Hayes, D.	SET	1.00
BIO-211-01	Seminar in Brain and Behavior	Y	BUTR 325+	TTH 10:55AM 12:40PM	Romero, S.G.	WAC/S	1.00
BIO-225-01	Molecular Bio of Cell w/Lab	Y	OLIN 306+	MWF 08:00AM 09:05AM	Danowski, B.		1.00
BIO-225-02	Molecular Bio of Cell w/Lab	Y	LIPM 014+	MWF 09:15AM 10:20AM	Cohen, B.D.		1.00
BIO-225L-01	Molecular Bio of Cell Lab		SWSE 103	M 01:50PM 04:40PM	Danowski, B.		0.00
BIO-225L-02	Molecular Bio of Cell Lab		SWSE 103	T 01:55PM 04:45PM	Lauzon, R.		0.00
BIO-225L-03	Molecular Bio of Cell Lab		SWSE 103	W 01:50PM 04:40PM	Chu-LaGraff, Q.		0.00
BIO-225L-04	Molecular Bio of Cell Lab		SWSE 103	TH 01:55PM 04:45PM	Dosiek, S.		0.00
BIO-225L-05	Molecular Bio of Cell Lab		SWSE 103	F 01:50PM 04:40PM	Pytel, B.A.		0.00
BIO-231-01	Cell Tissue Interaction	Y	LIPM 101+	MWF 10:30AM 11:35AM	Khetan, S.		1.00
BIO-243-01	Bioinformatics	Y	BAIL 100+	TTH 10:55AM 12:40PM	Horton, J. S.		1.00
			OLIN 107+	TTH 10:55AM 12:40PM	Fernandes, C.		
BIO-264-01	Epigenetics and Human Diseases	Y	NWSE 222+	TTH 10:55AM 12:40PM	Chu-LaGraff, Q.		1.00
*BIO-291-01	Biology Research Practicum		TBA		Fleishman, L.		0.00
*BIO-291-02	Biology Research Practicum		TBA		Corbin, J.		0.00

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
*BIO-291-20	Biology Research Practicum		TBA		Staff		0.00
*BIO-292-01	Biology Research Practicum 2	Y	TBA		Cohen, B.D.		0.00
*BIO-292-20	Biology Research Practicum 2		TBA		Staff		0.00
*BIO-293-20	Biology Research Practicum 3		TBA		Staff		1.00
*BIO-295H-20	Biology Honors Ind Project 1		TBA		Staff		0.00
*BIO-296H-20	Biology Honors Ind Project 2		TBA		Staff		1.00
BIO-320-01	Ecology w/Lab	Y	NWSE 222+	MWF 09:15AM 10:20AM	Bishop, J.	WAC	1.00
BIO-320L-01	Ecology Lab		SWSE 101	W 01:50PM 04:40PM	Bishop, J.		0.00
BIO-320L-02	Ecology Lab		SWSE 101	TH 01:55PM 04:45PM	Bishop, J.		0.00
BIO-321-01	Herpetology:Amphib&Rep w/Lab	Y	BAIL 100+	TTH 01:55PM 03:40PM	Pytel, B.A.		1.00
			SWSE 201	TTH 01:55PM 04:45PM			
BIO-330-01	Animal Physiology w/Lab	Y	BAIL 207+	TTH 09:00AM 10:45AM	Fleishman, L.		1.00
BIO-330L-01	Animal Physiology Lab		SWSE 004	W 01:50PM 04:40PM	Fleishman, L.		0.00
BIO-335-01	Survey of Biochemistry	Y	BAIL 207+	MWF 11:45AM 12:50PM	Cohen, B.D.		1.00
BIO-352-01	Microbiology w/Lab	Y	OLIN 204+	MWF 09:15AM 10:20AM	Salvo, J.L.		1.00
BIO-352L-01	Microbiology Lab		SWSE 301	T 01:55PM 04:45PM	Salvo, J.L.		0.00
BIO-352L-02	Microbiology Lab		SWSE 301	W 01:50PM 04:40PM	Salvo, J.L.		0.00
BIO-362-01	Experimental Neurobiology W/Lab	Y	OLIN 206+	MWF 10:30AM 11:35AM	Olberg, R.		1.00
BIO-362L-01	Neurobiology Lab		SWSE 205	T 01:55PM 04:45PM	Olberg, R.		0.00
BIO-362L-02	Neurobiology Lab		SWSE 205	W 01:50PM 04:40PM	Olberg, R.		0.00
*BIO-490-01	Biology Research 1		TBA		Olberg, R.		1.00
*BIO-490-02	Biology Research 1		TBA		Kirkton, S.		1.00
*BIO-490-20	Biology Research 1		TBA		Staff		1.00
*BIO-491-20	Biology Research 2		TBA		Staff		1.00
*BIO-493-20	Biology Research 4		TBA		Staff		1.00
*BIO-494-20	Biology Research 5		TBA		Staff		1.00
*BIO-495-20	Biology Research 6		TBA		Staff	WS	1.00
*BIO-497-01	Biology Honors Research 1		TBA		LoGiudice, K.		1.00
*BIO-497-20	Biology Honors Research 1		TBA		Staff		1.00
*BIO-498-20	Biology Honors Research 2		TBA		Staff	WS	1.00
*BIO-499-01	Biology Honors Research 3		TBA		Fleishman, L.		1.00
*BIO-499-02	Biology Honors Research 3		TBA		Danowski, B.		1.00
*BIO-499-03	Biology Honors Research 3		TBA		Yukilevich, R.		1.00
*BIO-499-04	Biology Honors Research 3		TBA		Paulick, M.		1.00
*BIO-499-05	Biology Honors Research 3		TBA		LoGiudice, K.		1.00
*BIO-499-20	Biology Honors Research 3		TBA		Staff	WS	1.00

### Chemistry

At the request of the Dept. Chair; students in multiple section courses may be switched from their originally scheduled section in order to optimize enrollment.

\*By permission of Instructor Only

CHM-080-01	Culinary Chemistry W/Lab	Y	MESA 105+	TTH 01:55PM 05:20PM	Hagerman, M.	SCLB	1.00
CHM-101-01	Intro Chemistry I W/Lab	Y	LIPM 017+	MWF 09:15AM 10:20AM	Staff	SCLB	1.00
CHM-101-02	Intro Chemistry I W/Lab	Y	LIPM 017+	MWF 11:45AM 12:50PM	Staff	SCLB	1.00
CHM-101L-01	Intro Chemistry 1 Lab		OLIN 201	M 01:50PM 04:40PM	Staff		0.00
			OLIN 204+	M 01:50PM 04:40PM			
CHM-101L-02	Intro Chemistry 1 Lab		OLIN 201	T 09:00AM 11:50AM	Staff		0.00
			OLIN 204+	T 09:00AM 11:50AM			
CHM-101L-03	Intro Chemistry 1 Lab		OLIN 201	T 01:55PM 04:45PM	Staff		0.00
			OLIN 204+	T 01:55PM 04:45PM			
CHM-101L-04	Intro Chemistry 1 Lab		OLIN 201	W 01:50PM 04:40PM	Staff		0.00
			OLIN 204+	W 01:50PM 04:40PM			
CHM-101L-05	Intro Chemistry 1 Lab		OLIN 201	TH 09:00AM 11:50AM	Staff		0.00
CHM-102-01	Intro Chemistry 2 W/Lab	Y	OLIN 306+	MWF 09:15AM 10:20AM	Staff	SCLB	1.00
CHM-102-02	Intro Chemistry 2 W/Lab	Y	LIPM 017+	MWF 10:30AM 11:35AM	Staff	SCLB	1.00
CHM-102L-01	Intro Chemistry 2 Lab		OLIN 206+	TH 09:00AM 11:50AM	Staff		0.00
			OLIN 207	TH 09:00AM 11:50AM			
CHM-102L-02	Intro Chemistry 2 Lab		OLIN 206+	TH 01:55PM 04:45PM	Staff		0.00
			OLIN 207	TH 01:55PM 04:45PM			
CHM-102L-03	Intro Chemistry 2 Lab		OLIN 206+	F 01:50PM 04:40PM	Staff		0.00
			OLIN 207	F 01:50PM 04:40PM			
CHM-232-01	Organic Chem 2 W/Lab	Y	LIPM 016+	MWF 11:45AM 12:50PM	Staff		1.00
			LIPM 016+	TH 03:50PM 05:00PM			
CHM-232L-01	Organic Chem 2 Lab		SWSE 102	M 01:50PM 05:40PM	Staff		0.00
			SWSE 109	M 01:50PM 05:40PM			
CHM-232L-02	Organic Chem 2 Lab		SWSE 102	T 09:00AM 12:50PM	Staff		0.00
			SWSE 109	T 09:00AM 12:50PM			
CHM-232L-03	Organic Chem 2 Lab		SWSE 102	W 01:50PM 05:40PM	Staff		0.00
			SWSE 109	W 01:50PM 05:40PM			
CHM-240-01	Analytical Chemistry W/Lab	Y	OLIN 206+	MWF 09:15AM 10:20AM	Carroll, M.K.		1.00

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
CHM-240L-01	Analytical Chemistry Lab		SWSE 219	MW 01:50PM 04:40PM	MacManus-Spencer, L. Carroll, M.K.		0.00
CHM-240L-02	Analytical Chemistry Lab		SWSE 219	TTH 09:00AM 11:50AM	MacManus-Spencer, L. Carroll, M.K.		0.00
*CHM-291-01	Research Practicum 1		BAIL 201+	TH 12:45PM 01:50PM	Hagerman, M.		0.00
*CHM-291-20	Research Practicum 1		BAIL 201+	TH 12:45PM 01:50PM	Staff		0.00
*CHM-292-01	Research Practicum 2		BAIL 201+	TH 12:45PM 01:50PM	MacManus-Spencer, L.		0.00
*CHM-292-02	Research Practicum 2		BAIL 201+	TH 12:45PM 01:50PM	Hagerman, M.		0.00
*CHM-292-20	Research Practicum 2	Y	BAIL 201+	TH 12:45PM 01:50PM	Staff		0.00
*CHM-293-01	Research Practicum 3		BAIL 201+	TH 12:45PM 01:50PM	Paulick, M.		1.00
*CHM-293-20	Research Practicum 3		BAIL 201+	TH 12:45PM 01:50PM	Staff		1.00
*CHM-295H-20	Chemistry Honors Ind Project 1		BAIL 201+	TH 12:45PM 01:50PM	Staff		0.00
*CHM-296H-20	Chemistry Honors Ind Project 2		BAIL 201+	TH 12:45PM 01:50PM	Staff		1.00
CHM-332-01	Synthetic Methods W/Lab	Y	SWSE 102	TTH 01:55PM 05:45PM	Adrian, J.C.		1.00
			SWSE 107	TTH 01:55PM 05:45PM			
			SWSE 109	TTH 01:55PM 05:45PM			
CHM-335-01	Survey of Biochemistry	Y	BAIL 207+	MWF 11:45AM 12:50PM	Cohen, B.D.		1.00
CHM-352-01	Quantum Chemistry W/Lab	Y	WLDC 028+	MWF 09:15AM 10:20AM	Anderson, J.	WAC	1.00
CHM-352L-01	Quantum Chemistry Lab		SWSE 215	T 09:00AM 12:50PM	Huisman, A.		0.00
CHM-354-01	Chem Appl: Group Theory	Y	OLIN 204+	MWF 11:45AM 12:50PM	Anderson, J.		1.00
*CHM-491-01	Chemical Research 1		BAIL 201+	TH 12:45PM 01:50PM	Kehlbeck, J.		1.00
*CHM-491-20	Chemical Research 1		BAIL 201+	TH 12:45PM 01:50PM	Staff	WS	1.00
*CHM-492-20	Chemical Research 2		BAIL 201+	TH 12:45PM 01:50PM	Staff	WS	1.00
*CHM-493-01	Chemical Research 3		BAIL 201+	TH 12:45PM 01:50PM	Ramalingam, V.		1.00
*CHM-493-02	Chemical Research 3		BAIL 201+	TH 12:45PM 01:50PM	Anderson, J.		1.00
*CHM-493-20	Chemical Research 3		BAIL 201+	TH 12:45PM 01:50PM	Staff	WS	1.00

### Chinese

Before signing up for your first Chinese course at Union, you must check with the Modern Languages Dept. in Karp Hall.

\*By permission of Instructor Only

CHN-101-01	Basic Chinese 2		OLIN 106+	MWF 10:30AM 11:35AM	Li, F.B.	LCCC/HUM	1.00
CHN-102-01	Basic Chinese 3		KARP 101+	MWF 11:45AM 12:50PM	Zhang, Z.	LCCC/HUM	1.00
CHN-201-01	Intermediate Chinese 2		KARP 101+	MWF 01:50PM 02:55PM	Zhang, Z.	LCCC/HUM	1.00
*CHN-295H-20	Chinese Honors Ind Project 1		TBA		Staff		0.00
*CHN-296H-20	Chinese Honors Ind Project 2		TBA		Staff	HUM	1.00
CHN-402-01	Chinese Thought in the 20th C.		LIBR 222	MWF 11:45AM 12:50PM	Ferry, M.M.	LCCC/HUM/WAC	1.00
*CHN-489-01	Chinese Senior Project		TBA		Ferry, M.M.	LCCC	1.00
*CHN-489-02	Chinese Senior Project		TBA		Zhang, Z.	LCCC	1.00

### Classics

\*By permission of Instructor Only

CLS-129-01	History of the Roman Empire		KARP 005+	MW 03:05PM 04:45PM	Watkins, S.	LCC/HUL	1.00
CLS-151-01	Ancient World in Film & Lit		OLIN 115+	TTH 09:00AM 10:45AM	Raucci, S.	LCC/HUL/HUM	1.00
CLS-160-01	Individual in Ancient Society		KARP 005+	MWF 11:45AM 12:50PM	Watkins, S.	HUL/LCC/HUM	1.00
*CLS-295H-20	Classics Honors Ind Project 1		TBA		Staff		0.00
*CLS-296H-20	Classics Honors Ind Project 2		TBA		Staff		1.00
*CLS-497-20	Classics Senior Project		TBA		Staff	WS	1.00
*CLS-498-20	Classics Senior Thesis 1		TBA		Staff		0.00
CLS-499-01	Classics Senior Thesis 2		TBA		Raucci, S.	WS	2.00
*CLS-499-20	Classics Senior Thesis 2		TBA		Staff	WS	2.00
GRK-240-01	Hellenistic Greek		LAMT 201	MWF 10:30AM 11:35AM	Bedford, P.		1.00
REL-240-01	Hellenistic Greek		LAMT 201	MWF 10:30AM 11:35AM	Bedford, P.		1.00

### Computer Science

\*By permission of Instructor Only

CSC-104-01	Robots Rule w/lab	Y	OLIN 107+	MWF 10:30AM 11:35AM	Webb, N.	SET/QMR	1.00
			OLIN 107+	T 01:55PM 03:40PM			
CSC-106-01	Can Computers Think? W/Lab		OLIN 107+	MWF 09:15AM 10:20AM	Anderson, M.	QMR/SET	1.00
			OLIN 107+	TH 01:55PM 03:40PM			
CSC-109-01	Comp Programming for Eng		OLIN 107+	TTH 09:00AM 10:45AM	Barr, V.	SET/QMR	1.00
CSC-150-01	Data Structures	Y	KARP 001+	MWF 09:15AM 10:20AM	Striegnitz, K.		1.00
CSC-150L-01	Data Structures Lab		NWSE 104	TH 09:00AM 10:45AM	Fernandes, C.		0.00
CSC-150L-02	Data Structures Lab		NWSE 104	TH 01:55PM 03:40PM	Fernandes, C.		0.00
CSC-243-01	Bioinformatics	Y	BAIL 100+	TTH 10:55AM 12:40PM	Fernandes, C.		1.00
			OLIN 107+	TTH 10:55AM 12:40PM	Horton, J. S.		
CSC-250-01	Algorithm Design & Analysis		BAIL 106	MWF 11:45AM 12:50PM	Anderson, M.	WAC	1.00

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
CSC-281-01	CS Practicum 1		TBA		Fernandes, C.		0.00
*CSC-281-20	CS Practicum 1		TBA		Staff		0.00
*CSC-282-20	CS Practicum 2		TBA		Staff		0.00
*CSC-283-01	CS Practicum 3		TBA		Rieffel, J.		0.00
*CSC-283-20	CS Practicum 3		TBA		Staff		0.00
*CSC-295H-20	Comp Sci Honors Ind Project 1		TBA		Staff		0.00
*CSC-296H-01	Comp Sci Honors Ind Project 2		TBA		Webb, N.		1.00
*CSC-296H-20	Comp Sci Honors Ind Project 2		TBA		Staff		1.00
CSC-352-01	Embedded Microcontroller Sys	Y	NWSE 106	TTH 09:00AM 10:45AM	Hedrick, J.N.		1.00
CSC-352L-01	Embedded Microcontrl Sys Lab		NWSE 106	T 01:55PM 04:45PM	Hedrick, J.N.		0.00
CSC-375-01	Compiler Design		BAIL 201+	MW 03:05PM 04:45PM	Barr, V.		1.00
*CSC-490-20	Computer Sci Ind Study 1		TBA		Staff		1.00
*CSC-491-20	Computer Sci Ind Study 2		TBA		Staff		1.00
*CSC-492-20	Computer Sci Ind Study 3		TBA		Staff		1.00
*CSC-497-01	CS Capstone Design Seminar		WLDC 128+	TH 01:55PM 03:40PM	Cass, A.		0.50
*CSC-497-25	CS Capstone Design Seminar		TBA		Cass, A.		0.50
*CSC-498-20	CSC Capstone Design Project 1		TBA		Staff		0.75
*CSC-499-01	CSC Capstone Design Project 2		TBA		Fernandes, C.	WS	0.75
*CSC-499-20	CSC Capstone Design Project 2		TBA		Staff	WS	0.75

### Dance

\*By permission of Instructor Only

ADA-010-01	Ballet 1 Practicum		HENL DANS	M 05:00PM 06:15PM	Geren, C.		0.00
ADA-011-01	Ballet 2 Practicum		HENL DANS	T 05:00PM 06:30PM	Mouillet, M.		0.00
ADA-012-01	Ballet 3 Practicum		HENL DANS	M 06:30PM 08:00PM	Geren, C.		0.00
ADA-022-01	Lyrical Jazz Practicum		HENL DANS	TH 06:30PM 08:00PM	Rogers, M.		0.00
ADA-023-01	Broadway Dance Practicum		HENL DANS	TH 05:00PM 06:15PM	Rogers, M.		0.00
ADA-031-01	Modern Dance 2 Practicum		HENL DANS	M 01:55PM 03:25PM	Cawley, L.		0.00
ADA-035-01	Dance & Fitness Practicum		HENL DANS	TTH 01:00PM 01:40PM	Mouillet, M.		0.00
ADA-037-01	Zumba Dance Practicum		HENL DANS	MW 01:00PM 01:40PM	Cawley, L.		0.00
ADA-046-01	Tap Dance II Practicum		HENL DANS	T 06:45PM 08:00PM	Rogers, M.		0.00
ADA-050-01	Rehearsal and Production		TBA		Mouillet, M. Finlay, W.		0.00
ADA-060-01	Hip Hop I Practicum		HENL DANS	W 05:00PM 06:15PM	Wasbes, C.		0.00
ADA-061-01	Hip Hop II Practicum		HENL DANS	W 06:30PM 07:45PM	Wasbes, C.		0.00
ADA-130-01	The Dance Experience	Y	HENL DANS	TTH 01:55PM 04:05PM	Mouillet, M.	HUM	1.00
*ADA-295H-20	Dance Honors Choreography 1		TBA		Staff		0.00
*ADA-296H-20	Dance Honors Choreography 2		TBA		Staff		1.00
*ADA-490-20	Dance Project 1		TBA		Staff		1.00
*ADA-491-20	Dance Project 2		TBA		Staff		1.00

### Economics

\*By permission of Instructor Only

ECO-101-01	Introduction to Economics		KARP 105+	TTH 10:55AM 12:40PM	Lennox, E.	SOCS	1.00
ECO-122-01	Judgment and Decision Making	Y	KARP 001+	TTH 10:55AM 12:40PM	Chabris, C.		1.00
ECO-226-01	Financial Markets		LIPM 017+	MWF 08:00AM 09:05AM	Lewis, B.G.	WAC	1.00
			LIPM 017+	T 08:00AM 08:50AM			
ECO-228-01	Environmntl/Natrl Resrcs Eco		KARP 001+	MWF 11:45AM 12:50PM	Kenney, J.		1.00
ECO-237-01	Women, Men, Work & Family		LIPM 014+	MWF 10:30AM 11:35AM	Foster, E.		1.00
ECO-237-02	Women, Men, Work & Family		LIPM 014+	MWF 11:45AM 12:50PM	Foster, E.		1.00
ECO-241-01	Microeconomic Analysis		KARP 008+	MWF 09:15AM 10:20AM	Yaisawarng, S.		1.00
ECO-242-01	Macro Theory & Policy		WLDC 128+	MW 03:05PM 04:45PM	Sener, M.F.		1.00
ECO-243-01	Intro to Econometrics		WLDC 225+	TTH 09:00AM 10:45AM	Song, Y.	WAC	1.00
ECO-243-02	Intro to Econometrics		WLDC 225+	TTH 10:55AM 12:40PM	Song, Y.	WAC	1.00
*ECO-295H-20	Economics Honors Ind Project 1		TBA		Staff		0.00
*ECO-296H-01	Economics Honors Ind Project 2		TBA		Gao, J.		1.00
*ECO-296H-20	Economics Honors Ind Project 2		TBA		Staff		1.00
ECO-339-01	Public Finance		LIPM 101+	MW 07:00PM 08:45PM	Cummings, M.		1.00
ECO-341-01	Topics in Microeconomics		LIPM 012+	MWF 10:30AM 11:35AM	Schmidt, S.J.		1.00
ECO-353-01	Seminar in Econometrics		LIPM 201+	MWF 01:50PM 02:55PM	Schmidt, S.J.	WAC	1.00
ECO-354-01	International Economics		WLDC 225+	TTH 01:55PM 03:40PM	Motahar, E.		1.00
ECO-356-01	Seminar in Health Economics		KARP 101+	MWF 09:15AM 10:20AM	Gao, J.		1.00
ECO-382-01	Seminar: Finance		LIPM 200+	TTH 01:55PM 03:40PM	Segal, L.		1.00
*ECO-490-01	Economics Independent Study 1		TBA		Lewis, B.G.		1.00
*ECO-490-02	Economics Independent Study 1		TBA		Dvorak, T.		1.00
*ECO-490-03	Economics Independent Study 1		TBA		Fried, H.		1.00
*ECO-490-04	Economics Independent Study 1		TBA		Sener, M.F.		1.00



Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
*ECO-490-20	Economics Independent Study 1		TBA		Staff		1.00
*ECO-498-01	Economics Senior Thesis 1		TBA		Dvorak, T.		0.00
*ECO-498-20	Economics Senior Thesis 1		TBA		Staff		0.00
*ECO-499-01	Economics Senior Thesis 2		TBA		Davis, L.S.	WS	2.00
*ECO-499-02	Economics Senior Thesis 2		TBA		Dvorak, T.	WS	2.00
*ECO-499-03	Economics Senior Thesis 2		TBA		Foster, E.	WS	2.00
*ECO-499-04	Economics Senior Thesis 2		TBA		Gao, J.	WS	2.00
*ECO-499-05	Economics Senior Thesis 2		TBA		Motahar, E.	WS	2.00
*ECO-499-06	Economics Senior Thesis 2		TBA		Schmidt, S.S.	WS	2.00
*ECO-499-07	Economics Senior Thesis 2		TBA		Song, Y.	WS	2.00
*ECO-499-08	Economics Senior Thesis 2		TBA		Yaisawarnng, S.	WS	2.00
*ECO-499-20	Economics Senior Thesis 2		TBA		Staff	WS	2.00

### Electrical & Computer Engineering

\*By permission of Instructor Only

ECE-222-01	Intro to Circuits & Elec W/Lab	Y	NWSE 102	MWF	09:15AM 10:20AM	Hedrick, J.N.		1.00
ECE-222L-01	Intro to Circuits & Elec Lab		NWSE 102	T	01:55PM 04:45PM	Elacqua, A.		0.00
ECE-222L-02	Intro to Circuits & Elec Lab		NWSE 102	TH	01:55PM 04:45PM	Elacqua, A.		0.00
ECE-222L-03	Intro to Circuits & Elec Lab		NWSE 102	F	01:50PM 04:40PM	Elacqua, A.		0.00
ECE-240-01	Circuits & Systems w/Lab	Y	NWSE 102	MWF	08:00AM 09:05AM	Spinelli, J.	WAC	1.00
ECE-240L-01	Circuits & Systems Lab		NWSE 102	M	01:50PM 04:40PM	Spinelli, J.		0.00
ECE-240L-02	Circuits & Systems Lab		NWSE 102	W	01:50PM 04:40PM	Spinelli, J.		0.00
ECE-241-01	Discrete Systems w/Lab	Y	NWSE 100	MWF	08:00AM 09:05AM	Catravas, P.	WAC	1.00
ECE-241L-01	Discrete Systems Lab		NWSE 104	M	01:50PM 04:40PM	Catravas, P.		0.00
ECE-241L-02	Discrete Systems Lab		NWSE 104	W	01:50PM 04:40PM	Catravas, P.		0.00
ECE-248-01	Semiconductor Devices & Circts	Y	NWSE 100	TTH	10:55AM 12:40PM	Buma, T.		1.00
ECE-248L-01	Semiconductor Dev & Circts Lab		NWSE 100	T	01:55PM 04:45PM	Buma, T.		0.00
ECE-248L-02	Semiconductor Dev & Circts Lab		NWSE 100	W	01:50PM 04:40PM	Buma, T.		0.00
*ECE-281-20	ECE Research Practicum 1		TBA		Staff		0.00	
*ECE-282-20	ECE Research Practicum 2		TBA		Staff		0.00	
*ECE-283-20	ECE Research Practicum 3		TBA		Staff		1.00	
*ECE-295H-20	Elec Engr Honors Ind Project 1		TBA		Staff		0.00	
*ECE-296H-20	Elec Engr Honors Ind Project 2		TBA		Staff		1.00	
ECE-343-01	Intro Electromagnetic Engr	Y	NWSE 100	MWF	11:45AM 12:50PM	Dosiek, L.		1.00
ECE-344-01	Electric Machines and Drives	Y	NWSE 100	MWF	09:15AM 10:20AM	Dosiek, L.		1.00
ECE-350-01	Communication Systems W/Lab	Y	NWSE 100	MWF	10:30AM 11:35AM	Hanson, H.		1.00
ECE-350L-01	Communication Systems Lab		NWSE 100	TH	01:55PM 04:45PM	Hanson, H.		0.00
ECE-352-01	Embedded Microcontroller Sys	Y	NWSE 106	TTH	09:00AM 10:45AM	Hedrick, J.N.		1.00
ECE-352L-01	Embedded Microcontrl Sys Lab		NWSE 106	T	01:55PM 04:45PM	Hedrick, J.N.		0.00
ECE-377-01	Biometric Signal Process	Y	NWSE 102	TTH	10:55AM 12:40PM	Cotter, S.		1.00
*ECE-490-20	Electrical Engr Ind Study 1		TBA		Staff		1.00	
*ECE-497-01	Elec Eng/Comp Eng Capstone 1		NWSE 100	M	01:50PM 03:40PM	Hanson, H.		0.50
*ECE-498-20	Elec Eng/Comp Engr Capstone 2		TBA		Staff		0.50	
*ECE-499-01	Elec Eng/Comp Engr Capstone 3		TBA		Dixon, W.	WS	1.00	
*ECE-499-20	Elec Eng/Comp Engr Capstone 3		TBA		Staff	WS	1.00	

### English

\*By permission of Instructor Only

EGL-100-01	Intro to Study of Lit: Poetry	Y	KARP 006+	TTH	09:00AM 10:45AM	Smith, J.	HUL/WAC/HUM	1.00
EGL-100-02	Intro to Study of Lit: Poetry	Y	KARP 002+	MW	03:05PM 04:45PM	Sargent, J.	HUL/WAC/HUM	1.00
EGL-100-03	Intro to Study of Lit: Poetry		BAIL 104+	MWF	01:50PM 02:55PM	Jenkins, H.	HUL/WAC/HUM	1.00
EGL-101-01	Intro to Study of Lit: Fiction		KARP 006+	MWF	11:45AM 12:50PM	Tuon, B.	HUL/WAC/HUM	1.00
EGL-101-02	Intro to Study of Lit: Fiction		KARP 200+	MWF	01:50PM 02:55PM	Mitchell, J.	HUL/WAC/HUM	1.00
EGL-101-03	Intro to Study of Lit: Fiction		KARP 200+	TTH	09:00AM 10:45AM	Murphy, J.	HUL/WAC/HUM	1.00
EGL-101-04	Intro to Study of Lit: Fiction		KARP 103+	TTH	10:55AM 12:40PM	Burkett, A.	HUL/WAC/HUM	1.00
EGL-102-01	Intro to Study of Lit: Drama		KARP 002+	MWF	10:30AM 11:35AM	Wareh, P.	HUL/WAC/HUM	1.00
EGL-200-01	Shakespeare to 1600		KARP 002+	MWF	08:00AM 09:05AM	Wareh, P.	HUL/HUM/WAC	1.00
EGL-207-01	Literature & Sexuality		KARP 008+	MWF	11:45AM 12:50PM	Mitchell, J.	HUL/HUM/WAC	1.00
EGL-212-01	The Restoration		OLIN 204+	MWF	10:30AM 11:35AM	Jenkins, H.	HUL/HUM/WAC	1.00
EGL-229-01	End of Civilization: 1871-WWI		LIPM 012+	MWF	09:15AM 10:20AM	Goodman, L.	HUL/HUM/WAC	1.00
EGL-246-01	American Poetic Tradition		KARP 105+	M	06:00PM 09:30PM	Wineapple, B.	HUL/HUM/WAC	1.00
EGL-246-02	American Poetic Tradition		KARP 105+	MW	03:05PM 04:40PM	Wineapple, B.	HUL/HUM	1.00
EGL-258-01	Changing Ireland		KARP 004+	TTH	10:55AM 12:40PM	Bracken, C.	HUL/LCC/HUM/WAC	1.00
EGL-281-01	American Literary Landscape		KARP 200+	TTH	10:55AM 12:40PM	Murphy, J.	HUL/HUM/WAC	1.00
EGL-286-01	Transnat'l Lit, Film, & Theory		KARP 105+	TTH	01:55PM 03:40PM	Troxell, J.	HUL/HUM/WAC	1.00
EGL-290-01	Studies in Film Genre/Style		KARP 105+	TTH	07:00PM 08:45PM	Troxell, J.	HUM/WAC	1.00
EGL-293-01	Workshop in Poetry	Y	KARP 006+	TTH	10:55AM 12:40PM	Smith, J.	HUL/HUM/WAC	1.00

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
*EGL-295H-20	English Honors Ind Project 1		TBA		Staff		0.00
*EGL-296H-20	English Honors Ind Project 2		TBA		Staff	HUL/HUM	1.00
EGL-306-01	Jr. Seminar: Romanticism Redux	Y	KARP 101+	TTH 01:55PM 03:40PM	Burkett, A.	HUL/LCC/HUM/WAC	1.00
EGL-402-20	Honors Thesis Seminar 1		TBA		Staff	WS	0.00
EGL-403-20	Honors Thesis Seminar 2		TBA		Staff	HUL/WS/HUM	2.00
EGL-406-01	Sr Seminar: Toni Morrison	Y	LIPM 201+	MW 03:05PM 04:45PM	Tuon, B.	HUL/HUM/WAC/S/LCC	1.00
*EGL-490-20	English Independent Study 1		TBA		Staff		1.00

### Environmental Science & Policy

\*By permission of Instructor Only

BIO-110-01	Heredity Evolution Ecology	Y	WLDC 128+	MWF 11:45AM 12:50PM	Staff	SET	1.00
BIO-110X-01	Heredity/Evol/Eco Recitation		OLIN 204+	TH 01:55PM 03:15PM	Staff		0.00
BIO-110X-02	Heredity/Evol/Eco Recitation		OLIN 204+	TH 03:25PM 04:45PM	Staff		0.00
BIO-320-01	Ecology w/Lab	Y	NWSE 222+	MWF 09:15AM 10:20AM	Bishop, J.	WAC	1.00
BIO-320L-01	Ecology Lab		SWSE 101	W 01:50PM 04:40PM	Bishop, J.		0.00
BIO-320L-02	Ecology Lab		SWSE 101	TH 01:55PM 04:45PM	Bishop, J.		0.00
CHM-101-01	Intro Chemistry I W/Lab	Y	LIPM 017+	MWF 09:15AM 10:20AM	Staff	SCLB	1.00
CHM-101-02	Intro Chemistry I W/Lab	Y	LIPM 017+	MWF 11:45AM 12:50PM	Staff	SCLB	1.00
CHM-101L-01	Intro Chemistry 1 Lab		OLIN 201	M 01:50PM 04:40PM	Staff		0.00
			OLIN 204+	M 01:50PM 04:40PM			
CHM-101L-02	Intro Chemistry 1 Lab		OLIN 201	T 09:00AM 11:50AM	Staff		0.00
			OLIN 204+	T 09:00AM 11:50AM			
CHM-101L-03	Intro Chemistry 1 Lab		OLIN 201	T 01:55PM 04:45PM	Staff		0.00
			OLIN 204+	T 01:55PM 04:45PM			
CHM-101L-04	Intro Chemistry 1 Lab		OLIN 201	W 01:50PM 04:40PM	Staff		0.00
			OLIN 204+	W 01:50PM 04:40PM			
CHM-101L-05	Intro Chemistry 1 Lab		OLIN 201	TH 09:00AM 11:50AM	Staff		0.00
CHM-102-01	Intro Chemistry 2 W/Lab	Y	OLIN 306+	MWF 09:15AM 10:20AM	Staff	SCLB	1.00
CHM-102-02	Intro Chemistry 2 W/Lab	Y	LIPM 017+	MWF 10:30AM 11:35AM	Staff	SCLB	1.00
CHM-102L-01	Intro Chemistry 2 Lab		OLIN 206+	TH 09:00AM 11:50AM	Staff		0.00
			OLIN 207	TH 09:00AM 11:50AM			
CHM-102L-02	Intro Chemistry 2 Lab		OLIN 206+	TH 01:55PM 04:45PM	Staff		0.00
			OLIN 207	TH 01:55PM 04:45PM			
CHM-102L-03	Intro Chemistry 2 Lab		OLIN 206+	F 01:50PM 04:40PM	Staff		0.00
			OLIN 207	F 01:50PM 04:40PM			
CHM-240-01	Analytical Chemistry W/Lab	Y	OLIN 206+	MWF 09:15AM 10:20AM	Carroll, M.K.		1.00
CHM-240L-01	Analytical Chemistry Lab		SWSE 219	MW 01:50PM 04:40PM	MacManus-Spencer, L.		0.00
					Carroll, M.K.		
CHM-240L-02	Analytical Chemistry Lab		SWSE 219	TTH 09:00AM 11:50AM	MacManus-Spencer, L.		0.00
					Carroll, M.K.		
ECO-228-01	Environmntl/Natrl Resrcs Eco		KARP 001+	MWF 11:45AM 12:50PM	Kenney, J.		1.00
ECO-243-01	Intro to Econometrics		WLDC 225+	TTH 09:00AM 10:45AM	Song, Y.	WAC	1.00
ECO-243-02	Intro to Econometrics		WLDC 225+	TTH 10:55AM 12:40PM	Song, Y.	WAC	1.00
EGL-281-01	American Literary Landscape		KARP 200+	TTH 10:55AM 12:40PM	Murphy, J.	HUL/HUM/WAC	1.00
ENS-100-01	Intro to Environ Studies W/Lab	Y	OLIN 306+	MWF 10:30AM 11:35AM	Corbin, J.	SCLB	1.00
ENS-100-01	Intro to Environ Studies W/Lab	Y	OLIN 306+	MWF 10:30AM 11:35AM	Corbin, J.	SCLB	1.00
ENS-100L-01	Intro to Environ Studies Lab		OLIN 106+	M 01:50PM 04:40PM	Corbin, J.		0.00
ENS-100L-02	Intro to Environ Studies Lab		OLIN 306+	T 01:55PM 04:45PM	Corbin, J.		0.00
ENS-208-01	Waste Mgmt & Recycling W/Lab		OLIN 306+	TTH 10:55AM 12:40PM	Ghaly, A.	SET	1.00
ENS-208-01	Waste Mgmt & Recycling W/Lab		OLIN 306+	TTH 10:55AM 12:40PM	Ghaly, A.	SET	1.00
ENS-208L-01	Waste Mgmt & Recycling Lab		OLIN 306+	TH 01:55PM 04:45PM	Ghaly, A.		0.00
ENS-247-01	Sustainable Infrastructure		OLIN 306+	TTH 09:00AM 10:45AM	Ghaly, A.	SET	1.00
ENS-247-01	Sustainable Infrastructure		OLIN 306+	TTH 09:00AM 10:45AM	Ghaly, A.	SET	1.00
ENS-253-01	Environm't Friendly Bldgs W/Lab		OLIN 106+	TTH 10:55AM 12:40PM	Mafi, M.	SET	1.00
ENS-253-01	Environm't Friendly Bldgs W/Lab		OLIN 106+	TTH 10:55AM 12:40PM	Mafi, M.	SET	1.00
ENS-253L-01	Environm't Friendly Bldgs Lab		OLIN 106+	T 01:55PM 04:45PM	Mafi, M.		0.00
ENS-253L-02	Environm't Friendly Bldgs Lab		OLIN 106+	TH 01:55PM 04:45PM	Mafi, M.		0.00
*ENS-295H-01	Environ Sci Honors Ind Proj 1		TBA		Corbin, J.		0.00
*ENS-295H-20	Environ Sci Honors Ind Proj 1		TBA		Staff		0.00
*ENS-296H-20	Environ Sci Honors Ind Proj 2		TBA		Staff		1.00
*ENS-297H-01	Env Sci 1 Term Research		TBA		Corbin, J.		1.00
*ENS-490-20	Environmental St Indep Study 1		TBA		Staff		1.00
*ENS-497-20	Senior Research in Env Sci		TBA		Staff	WS	1.00
*ENS-498-20	Environmental St Research 1		TBA		Staff		0.00
*ENS-499-20	Environmental St Research 2		TBA		Staff	WS	2.00
GEO-109-01	Global Warming	Y	OLIN 115+	MWF 11:45AM 12:50PM	Rodbell, D.	SET	1.00
GEO-117-01	Natural Disasters W/Lab	Y	OLIN 307+	MWF 10:30AM 11:35AM	Garver, J. I.	SCLB/WAC	1.00
GEO-117L-01	Natural Disasters Lab		OLIN 307+	M 01:00PM 04:45PM	Garver, J. I.		0.00
GEO-117L-02	Natural Disasters Lab		OLIN 307+	T 01:00PM 04:45PM	Garver, J. I.		0.00
GEO-120-01	Earth - Life Thru Time W/Lab	Y	OLIN 306+	MWF 11:45AM 12:50PM	Gillikin, D.	SCLB	1.00

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
GEO-120L-01	Earth, Life Thru Time Lab		OLIN 306+	M 01:00PM 04:45PM	Gillikin, D.		0.00
GEO-120L-02	Earth, Life Thru Time Lab		OLIN 306+	W 01:00PM 04:45PM	Gillikin, D.		0.00
GEO-208-01	Paleontology	Y	OLIN 307+	TTH 10:55AM 12:40PM	Verheyden, A.		1.00
GEO-302-01	Geochemical Sys & Model W/Lab	Y	OLIN 332+	TTH 09:00AM 10:45AM	Hollocher, K.		1.00
GEO-302L-01	Geochemical Sys & Modeling Lab		OLIN 332+	T 01:55PM 04:45PM	Hollocher, K.		0.00
HST-229-01	Adirondack Environmental Hstry	Y	KADK 001	TTH 01:55PM 03:40PM	Morris, A.J.		1.00
MTH-112-01	Calculus 2		BAIL 207+	MWF 10:30AM 11:35AM	Staff	QMR	1.00
PHL-339-01	Ecosystems Ontology		KARP 004+	T 01:55PM 05:25PM	Vitek, W.	HUL/WAC	1.00
PHY-110-01	Physics/Life Sciences 1 w/Lab		KARP 005+	MWF 09:15AM 10:20AM	Gann, R.	SCLB	1.00
			KARP 005+	T 08:00AM 08:50AM			
PHY-110L-01	Physics/Life Sciences 1 Lab		NWSE 300	T 09:00AM 11:50AM	Alboni, P.		0.00
PHY-110L-02	Physics/Life Sciences 1 Lab		NWSE 300	T 01:55PM 04:45PM	Alboni, P.		0.00
PHY-120-01	Matter in Motion W/Lab	Y	NWSE 300	MWF 09:15AM 10:20AM	Watson, H.	SCLB	1.00
			NWSE 300	TH 09:00AM 10:45AM			
PHY-120-02	Matter in Motion W/Lab	Y	NWSE 300	MWF 01:50PM 02:55PM	Gann, R.	SCLB	1.00
			NWSE 300	TH 01:55PM 03:40PM			
PHY-121-01	Prin of Electromagntcs w/lab	Y	NWSE 304	MWF 08:00AM 09:05AM	Amanuel, S.		1.00
			NWSE 304	T 09:00AM 10:45AM			
PHY-121-02	Prin of Electromagntcs w/lab	Y	NWSE 304	MWF 09:15AM 10:20AM	Wilkin, F.P.		1.00
			NWSE 304	T 10:55AM 12:40PM			
PHY-121-03	Prin of Electromagntcs w/lab	Y	NWSE 304	MWF 11:45AM 12:50PM	Wilkin, F.P.		1.00
			NWSE 304	T 01:55PM 03:40PM			
PHY-121-04	Prin of Electromagntcs w/lab	Y	NWSE 304	MWF 01:50PM 02:55PM	Mann, N.		1.00
			NWSE 304	TH 09:00AM 10:45AM			
PHY-121-05	Prin of Electromagntcs w/lab	Y	NWSE 304	MWF 03:05PM 04:10PM	Mann, N.		1.00
			NWSE 304	TH 01:55PM 03:40PM			
PHY-220-01	Intro to Quantum Mechanics		NWSE 112+	MWF 08:00AM 09:05AM	LaBrake, S.M.		1.00
			NWSE 112+	TH 08:00AM 08:50AM			
PHY-300-01	Modern Experimental Physics		NWSE 303	TTH 01:55PM 04:45PM	Staff		1.00
PSC-277-01	Pol Internship-Capital Region		TBA		Brown, C.		1.00
PSY-200-01	Statistical Methods in Psych	Y	BAIL 312+	MWF 09:15AM 10:20AM	Morton, L.		1.00
PSY-200-02	Statistical Methods in Psych	Y	BAIL 300+	MWF 10:30AM 11:35AM	Stanhope, L.		1.00
SOC-202-01	Social Problems & Policy		LIPM 014+	TH 09:00AM 12:40PM	Kaplan, I.		1.00
SOC-385-01	Internship: Human Services		TBA		Kaplan, I.		1.00

### Film Studies

\*By permission of Instructor Only

AVA-120-01	Photography 1	Y	OLDC SEMI	TTH 09:30AM 12:20PM	Benjamin, M.	HUM	1.00
AVA-262-01	Real & Recorded Time		OLIN 110+	TTH 09:00AM 11:50AM	Orellana, F.	HUM	1.00
AVA-320-01	Photography 3		OLDC SEMI	TTH 01:55PM 03:40PM	Benjamin, M.	HUM	1.00
CLS-151-01	Ancient World in Film & Lit		OLIN 115+	TTH 09:00AM 10:45AM	Raucci, S.	LCC/HUL/HUM	1.00
ECE-241-01	Discrete Systems w/Lab	Y	NWSE 100	MWF 08:00AM 09:05AM	Catravas, P.	WAC	1.00
ECE-241L-01	Discrete Systems Lab		NWSE 104	M 01:50PM 04:40PM	Catravas, P.		0.00
ECE-241L-02	Discrete Systems Lab		NWSE 104	W 01:50PM 04:40PM	Catravas, P.		0.00
EGL-258-01	Changing Ireland		KARP 004+	TTH 10:55AM 12:40PM	Bracken, C.	HUL/LCC/HUM/WAC	1.00
EGL-286-01	Transnat'l Lit, Film, & Theory		KARP 105+	TTH 01:55PM 03:40PM	Troxell, J.	HUL/HUM/WAC	1.00
EGL-290-01	Studies in Film Genre/Style		KARP 105+	TTH 07:00PM 08:45PM	Troxell, J.	HUM/WAC	1.00
<b>*FLM-490-20</b>	<b>Film Independent Study</b>		<b>TBA</b>		<b>Staff</b>		<b>1.00</b>
HST-287-01	Film and Modern India		KARP 002+	MWF 11:45AM 12:50PM	Mazumder, R.	LCC	1.00
HST-333-01	Hollywood Film History	Y	KARP 006+	TTH 01:55PM 03:40PM	Feffer, A.		1.00
MLT-260-01	Vampire As Other E Eur/Am Cult		OLIN 115+	MW 03:05PM 04:45PM	Bidoshi, K.A.	LCC/HUL/HUM	1.00
PHL-135-01	Philosophy in Film		KARP 005+	TTH 01:55PM 03:40PM	Tullman, K.	HUM	1.00
PHL-135-02	Philosophy in Film		KARP 002+	TTH 10:55AM 12:40PM	Tullman, K.	HUM	1.00
PSC-275-01	Law and Film		LIPM 017+	MW 03:05PM 04:45PM	Hays, B.		1.00

### French

Before signing up for your first French course at Union; you must check with the Modern Languages Dept. in Karp Hall.

\*By permission of Instructor Only

FRN-101-01	Basic French 2		KARP 103+	MWF 11:45AM 12:50PM	Chilcoat, A. M.	LCCF/HUM	1.00
FRN-102-01	Basic French 3		KARP 103+	MWF 01:50PM 02:55PM	Chilcoat, A. M.	LCCF/HUM	1.00
FRN-201-01	Intermediate French 2		KARP 002+	MWF 01:50PM 02:55PM	Moufflard, C.	LCCF/HUM	1.00
<b>*FRN-295H-20</b>	<b>French Honors Ind Project 1</b>		<b>TBA</b>		<b>Staff</b>		<b>0.00</b>
<b>*FRN-296H-20</b>	<b>French Honors Ind Project 2</b>		<b>TBA</b>		<b>Staff</b>	<b>HUM</b>	<b>1.00</b>
FRN-300-01	Modern France/France Actuelle		KARP 200+	TTH 01:55PM 03:40PM	Batson, C.R.	LCCF/HUM	1.00
FRN-303-01	Advanced French		KARP 006+	MW 03:05PM 04:45PM	Ndiaye, C.M.	LCCF/HUM	1.00
FRN-411-01	Topic: 20th Century Novel		STZH 106+	TTH 10:55AM 12:40PM	Batson, C.R.	HUL/LCCF	1.00
<b>*FRN-490-20</b>	<b>French Independent Study 1</b>		<b>TBA</b>		<b>Staff</b>		<b>1.00</b>

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
<b>Gender, Sexuality &amp; Women's Studies</b>							
*By permission of Instructor Only							
AAH-223-01	The Nude		KARP 005+	TTH 10:55AM 12:40PM	Ogawa, D.	LCC/HUM	1.00
AMU-221-01	The History of Rock and Roll	Y	TMC 120+	MWF 11:45AM 12:50PM	Matsue, J.M.	HUM/WAC	1.00
ECO-237-01	Women, Men, Work & Family		LIPM 014+	MWF 10:30AM 11:35AM	Foster, E.		1.00
ECO-237-02	Women, Men, Work & Family		LIPM 014+	MWF 11:45AM 12:50PM	Foster, E.		1.00
EGL-207-01	Literature & Sexuality		KARP 008+	MWF 11:45AM 12:50PM	Mitchell, J.	HUL/HUM/WAC	1.00
*GSW-490-20	Gender Studies Indep Study 1		TBA		Staff		1.00
*GSW-491-20	Gender Studies Ind Study 2		TBA		Staff		1.00
*GSW-492-20	Gender Studies Ind Study 3		TBA		Staff		1.00
*GSW-498-20	Gender Studies Sr Thesis 1		TBA		Staff		0.00
*GSW-499-20	Gender Studies Sr Thesis 2		TBA		Staff	WS	2.00
HST-213-01	Women in Modern America	Y	KARP 008+	TTH 09:00AM 10:45AM	Foroughi, A.R.	WAC	1.00
HST-287-01	Film and Modern India		KARP 002+	MWF 11:45AM 12:50PM	Mazumder, R.	LCC	1.00
PSY-347-01	Psychology of Sexuality	Y	BAIL 312+	MW 03:05PM 04:45PM	Benack, S.		1.00
SPN-381-01	Hauntings in Hispanic Fiction		KARP 006+	MWF 01:50PM 02:55PM	Mueller, S.	LCCS/WAC/HUL	1.00

### Geology

At the request of the Dept. Chair; students in multiple section courses may be switched from their originally scheduled section in order to optimize enrollment.

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GEO-107-01	Dinosaurs: Evol & Extinction	Y	KARP 105+	MW 01:50PM 02:55PM	Dosiek, S.	SET	1.00
			OLIN 306+	F 01:50PM 02:55PM			
GEO-109-01	Global Warming	Y	OLIN 115+	MWF 11:45AM 12:50PM	Rodbell, D.	SET	1.00
GEO-117-01	Natural Disasters W/Lab	Y	OLIN 307+	MWF 10:30AM 11:35AM	Garver, J. I.	SCLB/WAC	1.00
GEO-117L-01	Natural Disasters Lab		OLIN 307+	M 01:00PM 04:45PM	Garver, J. I.		0.00
GEO-117L-02	Natural Disasters Lab		OLIN 307+	T 01:00PM 04:45PM	Garver, J. I.		0.00
GEO-120-01	Earth - Life Thru Time W/Lab	Y	OLIN 306+	MWF 11:45AM 12:50PM	Gillikin, D.	SCLB	1.00
GEO-120L-01	Earth, Life Thru Time Lab		OLIN 306+	M 01:00PM 04:45PM	Gillikin, D.		0.00
GEO-120L-02	Earth, Life Thru Time Lab		OLIN 306+	W 01:00PM 04:45PM	Gillikin, D.		0.00
GEO-208-01	Paleontology	Y	OLIN 307+	TTH 10:55AM 12:40PM	Verheyden, A.		1.00
*GEO-295H-20	Geology Honors Ind Project 1		TBA		Staff		0.00
*GEO-296H-20	Geology Honors Ind Project 2		TBA		Staff		1.00
GEO-302-01	Geochemical Sys & Model W/Lab	Y	OLIN 332+	TTH 09:00AM 10:45AM	Hollocher, K.		1.00
GEO-302L-01	Geochemical Sys & Modeling Lab		OLIN 332+	T 01:55PM 04:45PM	Hollocher, K.		0.00
GEO-307-01	Structural Geology w/Lab	Y	OLIN 307+	MWF 11:45AM 12:50PM	Manon, M.		1.00
GEO-307L-01	Structural Geology Lab		OLIN 332+	M 01:00PM 04:45PM	Manon, M.		0.00
GEO-320-01	Igneous & Metamorphic Rock W/L	Y	OLIN 307+	MWF 09:15AM 10:20AM	Frey, H.		1.00
GEO-320L-01	Igneous & Metamorphic Rock Lab		OLIN 307+	W 01:50PM 04:40PM	Frey, H.		0.00
GEO-320L-02	Igneous & Metamorphic Rock Lab		OLIN 307+	TH 01:55PM 04:45PM	Frey, H.		0.00
*GEO-490-20	Geology Independent Study 1		TBA		Staff		1.00
*GEO-491-01	Geology Independent Study 2		TBA		Garver, J. I.		1.00
*GEO-491-20	Geology Independent Study 2		TBA		Staff		1.00
*GEO-495-20	Thesis Research in Geology 1		TBA		Staff		0.00
*GEO-496-01	Thesis Research in Geology 2		TBA		Garver, J. I.	WS	2.00
*GEO-496-20	Thesis Research in Geology 2		TBA		Staff	WS	2.00
*GEO-497-01	Thesis Research in Geology 3		TBA		Frey, H.		1.00
*GEO-497-02	Thesis Research in Geology 3		TBA		Garver, J. I.		1.00
*GEO-497-03	Thesis Research in Geology 3		TBA		Gillikin, D.		1.00
*GEO-497-04	Thesis Research in Geology 3		TBA		Manon, M.		1.00
*GEO-497-05	Thesis Research in Geology 3		TBA		Rodbell, D.		1.00

### German

Before signing up for your first German course at Union; you must check with the Modern Languages Dept. in Karp Hall.

\*By permission of Instructor Only

GER-102-01	Basic German 3		KARP 200+	MWF 11:45AM 12:50PM	Ricci Bell, M.	LCCG/HUM	1.00
*GER-295H-20	German Honors Ind Project 1		TBA		Staff		0.00
*GER-296H-20	German Honors Ind Project 2		TBA		Staff	HUM	1.00
GER-300T-01	German Civilization Abroad				Nelson, E.	LCCG/HUM/WAC	1.00
GER-307-01	East German Culture		KARP 200+	MWF 10:30AM 11:35AM	Ricci Bell, M.	HUL/LCCG	1.00
*GER-489-01	German Senior Project		TBA		Ricci Bell, M.	WS/LCCG	1.00
*GER-489-02	German Senior Project		TBA		Nelson, E.	WS/LCCG	1.00
*GER-490-01	German Independent Study 1		TBA		Ricci Bell, M.		1.00
*GER-490-02	German Independent Study 1		TBA		Nelson, E.		1.00
*GER-490-20	German Independent Study 1		TBA		Staff		1.00

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
<b>Greek</b>							
GRK-102-01	Principles of Greek 2		TBA		Gazzarri, T.	LCKK	1.00
GRK-240-01	Hellenistic Greek		LAMT 201	MWF 10:30AM 11:35AM	Bedford, P.		1.00

### Hebrew

Before signing up for your first Hebrew course at Union; you must check with the Modern Languages Dept. in Karp Hall.

HEB-102-01	Basic Hebrew 3		BEUT 104+	MWF 11:45AM 12:50PM	Almog, M.	LCCH/HUM	1.00
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### History

\*By permission of Instructor Only

HST-116-01	Age of Jackson		KARP 105+	MWF 09:15AM 10:20AM	Brennan, D.P.		1.00
HST-126-01	Since Yesterday US 1974-2000		LIPM 016+	TTH 10:55AM 12:40PM	Feffer, A.		1.00
HST-143-01	Entrepreneurship in Europe		LIPM 012+	MWF 11:45AM 12:50PM	Sargent, S.		1.00
HST-149-01	The Second World War Era		KARP 105+	MWF 10:30AM 11:35AM	Berk, S.		1.00
HST-158-01	The Holocaust		RCC AUD	MWF 11:45AM 12:50PM	Berk, S.		1.00
HST-213-01	Women in Modern America	Y	KARP 008+	TTH 09:00AM 10:45AM	Foroughi, A.R.	WAC	1.00
HST-228-01	Unions History and Treasures		LIPM 012+	MWF 01:50PM 02:55PM	Brennan, D.P.		1.00
HST-229-01	Adirondack Environmental Hstry	Y	KADK 001	TTH 01:55PM 03:40PM	Morris, A.J.		1.00
HST-231-01	Civil Rights Movement		KARP 008+	MWF 01:50PM 02:55PM	Lawson, M.	LCC	1.00
HST-241-01	Mystics, Magic & Witchcraft		BAIL 102+	TTH 01:55PM 03:40PM	Sargent, S.		1.00
HST-257-01	Modern France and Its Empire		LIPM 017+	TTH 10:55AM 12:40PM	Peterson, B.	LCC	1.00
HST-258-01	Nazi Science, Medicine, & Tech		LIPM 101+	MWF 09:15AM 10:20AM	M. Walker		1.00
HST-265-01	The Museum:Theory & Practice	Y	OLIN 211+	TTH 01:55PM 03:40PM	Foroughi, A.R.		1.00
HST-270-01	Latin American Popular Culture		LIPM 014+	MW 03:05PM 04:45PM	Meade, T.	LCC	1.00
HST-282-01	The Mongols: Terror & Trade		BAIL 201+	TTH 10:55AM 12:40PM	Madancy, J.	LCC	1.00
HST-287-01	Film and Modern India		KARP 002+	MWF 11:45AM 12:50PM	Mazumder, R.	LCC	1.00
HST-289-01	Global Indians		KARP 005+	MWF 01:50PM 02:55PM	Mazumder, R.	LCC	1.00
*HST-295H-20	History Honors Ind Project 1		TBA		Staff		0.00
*HST-296H-01	History Honors Ind Project 2		TBA		Walker, M.		1.00
*HST-296H-20	History Honors Ind Project 2		TBA		Staff		1.00
HST-315-01	Race and the Constitution	Y	LIPM 101+	MW 03:05PM 04:45PM	Aslakson, K.		1.00
HST-333-01	Hollywood Film History	Y	KARP 006+	TTH 01:55PM 03:40PM	Feffer, A.		1.00
HST-431-01	Seminar in European History	Y	KARP 101+	MWF 08:00AM 09:05AM	Cramsie, J.R.	WAC	1.00
*HST-490-01	History Independent Study 1		TBA		Walker, M.		1.00
*HST-490-02	History Independent Study 1		TBA		Cramsie, J.R.		1.00
*HST-490-03	History Independent Study 1		TBA		Brennan, D.P.		1.00
*HST-490-20	History Independent Study 1		TBA		Staff		1.00
*HST-498-20	History Senior Thesis 1		TBA		Staff		0.00
*HST-499-20	History Senior Thesis 2		TBA		Staff	WS	2.00

### Integrated Math/Physics

IMP-121-01	Int Math/Physics 2 W/Lab	Y	NWSE 112+	MWF 11:45AM 12:50PM	Vineyard, M.F.	QMR/SCLB	2.00
			NWSE 112+	MWF 01:50PM 02:55PM			
			NWSE 112+	T 10:55AM 12:40PM			

### Interdepartmental

\*By permission of Instructor Only

*IDM-488-01	Double Major Thesis 2		TBA		Davis, L.S.	WS	2.00
*IDM-488-02	Double Major Thesis 2		TBA		Dell'Aera, A.	WS	2.00
*IDM-488-03	Double Major Thesis 2		TBA		Schmidt, S.J.	WS	2.00
*IDM-489-01	Double Major Thesis 3		TBA		Brown, C.	WS	2.00
*IDM-489-02	Double Major Thesis 3		TBA		Cidam, C.	WS	2.00
*IDM-499-01	Interdepartmental Sr Thesis 2		TBA		Gazzarri, T.	WS	1.00
*IDM-499-02	Interdepartmental Sr Thesis 2		TBA		Brown, C.	WS	1.00
					Toher, M.	WS	1.00
					Dallas, M.	WS	1.00
					Osborn, M.	WS	2.00
					Goldner, M.A.		
					Brown, C.	WS	2.00
					Yaisawarnng, S.		

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
<b>Interdisciplinary</b>							
*Application required for ISC-080 and is available in OLIN-209							
*ISC-080-01	Hospital Health Care Practicum	Y	LIPM 201+	TH 08:00AM 08:50AM	Beaton, R.	WAC	1.00
ISC-260-01	Social Entrepreneurship		KARP 005+	TTH 09:00AM 10:45AM	Fried, H.	LCC	1.00
ISC-325-01	Entrepreneurship Seminar	Y	WLDC 010+	MW 03:05PM 04:45PM	Fried, H. Bucinell, R.		1.00
*ISC-490-01	Interdisciplinary Ind Study 1		TBA		Fried, H.		1.00
<b>Japanese</b>							
Before signing up for your first Japanese course at Union; you must check with the Modern Languages Dept. in Karp Hall.							
*By permission of Instructor Only							
JPN-101-01	Basic Japanese 2		LIPM 201+	MWF 09:15AM 10:20AM	Vassil, K.	LCCJ/HUM	1.00
JPN-101-02	Basic Japanese 2		LIPM 201+	MWF 11:45AM 12:50PM	Vassil, K.	LCCJ/HUM	1.00
JPN-201-01	Intermediate Japanese 2		KARP 103+	MWF 09:15AM 10:20AM	Lafave, S.	LCCJ/HUM	1.00
*JPN-295H-20	Japanese Honors Ind Project 1		TBA		Staff		0.00
*JPN-296H-20	Japanese Honors Ind Project 2		TBA		Staff	HUM	1.00
*JPN-490-20	Japanese Independent Study 1		TBA		Staff		1.00
<b>Latin</b>							
*By permission of Instructor Only							
LAT-103-01	Latin Reading		KARP 008+	TTH 10:55AM 12:40PM	Raucci, S.	LCCL	1.00
*LAT-103-25	Latin Reading		TBA		Raucci, S.	LCCL	1.00
LAT-343-01	Roman Drama		LIPM 010+	TTH 10:55AM 12:40PM	Gazzarri, T.	HUL/LCC/WAC	1.00
*LAT-490-20	Latin Independent Study 1		TBA		Staff		1.00
*LAT-497-20	Latin Senior Project		TBA		Staff	WS	1.00
*LAT-498-20	Latin Senior Thesis 1		TBA		Staff		0.00
*LAT-499-01	Latin Senior Thesis 2		TBA		Raucci, S.	WS	2.00
*LAT-499-20	Latin Senior Thesis 2		TBA		Staff	WS	2.00
<b>Latin American/Caribbean Studies</b>							
ANT-227-01	Policing the Americas		WLDC 225+	MWF 09:15AM 10:20AM	Samet, R.	LCC	1.00
HST-270-01	Latin American Popular Culture		LIPM 014+	MW 03:05PM 04:45PM	Meade, T.	LCC	1.00
PSC-236-01	Police, Security & Biopower		BAIL 207+	TTH 01:55PM 03:40PM	Seri, G.	LCC	1.00
PSC-243-01	Latin American Politics		LIPM 101+	TTH 09:00AM 10:45AM	Seri, G.	LCC	1.00
PSC-358R-01	Wealth & Power Among Nations		WLDC 128+	MWF 10:30AM 11:35AM	Dallas, M.	WAC	1.00
SPN-381-01	Hauntings in Hispanic Fiction		KARP 006+	MWF 01:50PM 02:55PM	Mueller, S.	LCCS/WAC/HUL	1.00
<b>Leadership in Medicine (LIM Students Only)</b>							
LIM-501-01	Sem: Health Research Methods		RCC 301	TTH 10:55AM 12:40PM	Weiner, T.		1.00
LIM-553-51	Economics of Health				Staff		1.00
LIM-571-51	Health Care Practicum				Staff		1.00
<b>Mathematics</b>							
At the request of the Dept. Chair; students in multiple section courses may be switched from their originally scheduled section in order to optimize enrollment.							
*By permission of Instructor Only							
MTH-054-01	Number Theory		BAIL 102+	MWF 09:15AM 10:20AM	Staff	QMR	1.00
MTH-102-02	Calculus with Precalc 3		BAIL 201+	MWF 10:30AM 11:35AM	Staff	QMR	1.00
MTH-112-01	Calculus 2		BAIL 207+	MWF 10:30AM 11:35AM	Staff	QMR	1.00
MTH-115-01	Calculus 3		BAIL 207+	MWF 08:00AM 09:05AM	Staff		1.00
MTH-115-02	Calculus 3		BAIL 201+	MWF 11:45AM 12:50PM	Staff		1.00
MTH-115-03	Calculus 3		BAIL 207+	MWF 01:50PM 02:55PM	Staff		1.00
MTH-117-01	Calculus 4: Integral Vector	Y	BAIL 201+	MWF 08:00AM 09:05AM	Staff		1.00
MTH-117-02	Calculus 4: Integral Vector	Y	BAIL 104+	MWF 11:45AM 12:50PM	Staff		1.00
MTH-117-03	Calculus 4: Integral Vector	Y	BAIL 100+	MWF 10:30AM 11:35AM	Staff		1.00
MTH-130-01	Ordinary Differential Equation	Y	BAIL 104+	MWF 08:00AM 09:05AM	Staff		1.00
			BAIL 104+	T 08:00AM 08:50AM			
MTH-130-02	Ordinary Differential Equation	Y	BAIL 100+	MWF 11:45AM 12:50PM	Staff		1.00
			BAIL 100+	TH 08:00AM 08:50AM			
MTH-140-01	Applied Linear Algebra		BAIL 207+	MWF 09:15AM 10:20AM	Staff		1.00
MTH-199-01	Intro to Logic & Set Theory		BAIL 106+	MWF 09:15AM 10:20AM	Staff	WAC	1.00
MTH-199-02	Intro to Logic & Set Theory		BAIL 106+	MWF 01:50PM 02:55PM	Staff	WAC	1.00
MTH-224-01	Geometry		BAIL 201+	MWF 09:15AM 10:20AM	Staff		1.00
MTH-238-01	Methods of Appld Mathematics		BAIL 102+	MWF 01:50PM 02:55PM	Staff		1.00

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
*MTH-295H-20	Math Honors Ind Project 1		TBA		Staff		0.00
*MTH-296H-20	Math Honors Ind Project 2		TBA		Staff		1.00
MTH-332-01	Abstract Algebra 1		BAIL 102+	MWF 11:45AM 12:50PM	Staff		1.00
MTH-480-01	Foundations of Mathematics		BAIL 100+	MWF 01:50PM 02:55PM	Staff	HUM	1.00
*MTH-490-01	Math Independent Study 1		TBA		Zwicker, W.		1.00
*MTH-490-20	Math Independent Study 1		TBA		Staff		1.00
*MTH-497-20	Math Senior Thesis		TBA		Staff	WS	1.00
*MTH-498-20	Mathematics Senior Thesis 1		TBA		Staff		0.00
*MTH-499-20	Mathematics Senior Thesis 2		TBA		Staff	WS	2.00

### Mechanical Engineering

At the request of the Dept. Chair; students in multiple section courses may be switched from their originally scheduled section in order to optimize enrollment.

\*MER-010 is a required co-requisite of MER-497, 498, and 499.

\*\*By permission of Instructor Only

*MER-010-01	Senior Seminar		OLIN 115+	F 12:55PM 01:45PM	Hodgson, D.		0.00
MER-101-01	Engineering Graphics w/Lab	Y	NWSE 205+	MWF 09:15AM 10:20AM	Tchako, A.	SET	1.00
			NWSE 205+	T 09:00AM 11:50AM			
MER-101-02	Engineering Graphics w/Lab	Y	NWSE 205+	MWF 11:45AM 12:50PM	Tchako, A.	SET	1.00
			NWSE 205+	T 01:55PM 04:45PM			
MER-212-01	Dynamics		NWSE 201+	MWF 09:15AM 10:20AM	Vanderover, J.		1.00
			NWSE 205+	TH 01:55PM 03:40PM			

**\*\*THOSE REGISTERING FOR MER-214-01 MUST REGISTER FOR LAB 01 OR 02, MER-214-02 MUST REGISTER FOR LAB 03 OR 04.\*\***

MER-214-01	Strength of Materials w/Lab		NWSE 201+	MWF 11:45AM 12:50PM	Rapoff, A.J.	WAC	1.00
MER-214-02	Strength of Materials w/Lab		NWSE 201+	MWF 01:50PM 02:55PM	Kuppers, J.	WAC	1.00
MER-214L-01	Strength of Materials Lab	Y	BUTR 206	T 09:00AM 11:50AM	Rapoff, A.J.		0.00
MER-214L-02	Strength of Materials Lab	Y	BUTR 206	T 01:55PM 04:45PM	Rapoff, A.J.		0.00
MER-214L-03	Strength of Materials Lab	Y	BUTR 206	TH 09:00AM 11:50AM	Kuppers, J.		0.00
MER-214L-04	Strength of Materials Lab	Y	BUTR 206	TH 01:55PM 04:45PM	Kuppers, J.		0.00
MER-232-01	Thermodynamics 2		LIPM 012+	TTH 10:55AM 12:40PM	Wilk, R.		1.00
MER-295H-20	Mech Eng Honors Ind Project 1		TBA		Staff		0.00
MER-296H-01	Mech Eng Honors Ind Project 2		TBA		Cortez, R.		1.00
MER-296H-20	Mech Eng Honors Ind Project 2		TBA		Staff		1.00
MER-301-01	Engineering Reliability	Y	NWSE 205+	MWF 01:50PM 02:55PM	Vanderover, J.		1.00
MER-311-01	Advanced Mechanics		NWSE 205+	MWF 08:00AM 09:05AM	Bucinell, R.		1.00
MER-311-02	Advanced Mechanics		NWSE 201+	MWF 08:00AM 09:05AM	Ramasubramanian, A.		1.00

**\*\*THOSE REGISTERING FOR MER-322-01 MUST REGISTER FOR LAB 01 OR 02, MER-322-02 MUST REGISTER FOR LAB 03 OR 04.\*\***

MER-322-02	Dynamics of Systems w/Lab		LIPM 101+	MWF 11:45AM 12:50PM	Staff		1.00
MER-322L-02	Dynamics of Systems Lab	Y	NWSE 220	TH 01:55PM 04:45PM	Ramasubramanian, A.		0.00
MER-322L-03	Dynamics of Systems Lab	Y	NWSE 220	T 09:00AM 11:50AM	Staff		0.00
MER-322L-04	Dynamics of Systems Lab	Y	NWSE 220	T 01:55PM 04:45PM	Staff		0.00
MER-333-01	Heat Transfer Analysis W/Lab		NWSE 205+	MWF 10:30AM 11:35AM	Anderson, A.M.		1.00
MER-333L-01	Heat Transfer Analysis Lab	Y	NWSE 208	TH 09:00AM 11:50AM	Anderson, A.M.		0.00
MER-333L-02	Heat Transfer Analysis Lab	Y	NWSE 208	TH 01:55PM 04:45PM	Anderson, A.M.		0.00
MER-346-01	Orthopaedic Device Desg & Dev	Y	NWSE 201+	TTH 09:00AM 10:45AM	Sanders, G.		1.00
MER-371-01	Internal Combustion Engines	Y	NWSE 205+	MW 03:05PM 04:45PM	Bruno, B.		1.00
MER-419-01	Design of Mechanical Systems	Y	NWSE 201+	TTH 01:55PM 04:45PM	Keat, W.D.		1.00
MER-439-01	Thermal/Fluid Sys Design	Y	NWSE 201+	TTH 10:55AM 12:40PM	Bruno, B.	WAC	1.00
MER-487-01	Mech. Eng Sr. Writing Seminar	Y	STZH 106+	MWF 09:15AM 10:20AM	Wicks, F.	WS	1.00
*MER-490-20	Mech Engr Ind Study		TBA		Staff		1.00
*MER-491-01	Mech Engr Practicum 1	Y	TBA		Keat, W.D.		0.00
*MER-491-20	Mech Engr Practicum 1	Y	TBA		Staff		0.00
*MER-492-01	Mech Engr Practicum 2	Y	TBA		Currey, J.		0.00
*MER-492-20	Mech Engr Practicum 2	Y	TBA		Staff		0.00
*MER-493-01	Mech Engr Practicum 3	Y	TBA		Bucinell, R.		1.00
*MER-493-20	Mech Engr Practicum 3	Y	TBA		Staff		1.00
*MER-494-20	Senior Design Practicum 1		TBA		Staff		0.00
*MER-495-01	Senior Design Practicum 2		TBA		Tchako, A.		0.00
*MER-495-20	Senior Design Practicum 2		TBA		Staff		0.00
*MER-496-20	Senior Design Practicum 3		TBA		Staff		1.00
*MER-497-20	Mech Engr Senior Project 1		TBA		Staff		1.00
*MER-498-01	Mech Engr Senior Project 2		TBA		Bruno, B.	WS	1.00
*MER-498-02	Mech Engr Senior Project 2		TBA		Rapoff, A.J.	WS	1.00
*MER-498-20	Mech Engr Senior Project 2		TBA		Staff	WS	1.00
*MER-499-20	Mech Engr Senior Project 3		TBA		Staff		1.00

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
*MER-525-51	Engineering Optimization				Staff		1.00
<b>Modern Languages &amp; Literatures</b>							
*By permission of Instructor Only							
*MLL-490-01	Academic Training Practicum 1				Sartiaux, A.		0.00
*MLL-490-20	Academic Training Practicum 1		TBA		Staff		0.00
*MLL-491-01	Academic Training Practicum 2				Sartiaux, A.		0.00
*MLL-491-20	Academic Training Practicum 2		TBA		Staff		0.00
<b>Modern Literature in Translation</b>							
MLT-205-01	Mod East Asian Lit Perspctvs		KARP 200+	MW 03:05PM 04:45PM	Ferry, M.M.	HUL/LCC/WAC	1.00
MLT-238T-01	German Studies Abroad				Nelson, E.	LCCG/HUM/WAC	1.00
MLT-260-01	Vampire As Other E Eur/Am Cult		OLIN 115+	MW 03:05PM 04:45PM	Bidoshi, K.A.	LCC/HUL/HUM	1.00
MLT-301-01	Lost and Found in Translation		KARP 001+	MW 03:05PM 04:45PM	Osuna, M.	HUM/LCC/WAC/S	1.00
<b>Music</b>							
*By permission of Instructor Only							
AMU-010-01	Pract: Piano (Dunne)		TBA		Cox, J.		0.00
AMU-010-02	Pract: Piano (MacFarland)		TBA		Cox, J.		0.00
AMU-010-03	Pract: Organ		TBA		McMullen, D.		0.00
AMU-010-04	Pract: Harpsichord		TBA		Cox, J.		0.00
AMU-010-05	Pract: Voice (Cox)		TBA		Cox, J.		0.00
AMU-010-06	Pract: Voice (Salon)		TBA		Cox, J.		0.00
AMU-010-07	Pract: Flute		TBA		Cox, J.		0.00
AMU-010-08	Pract: Oboe		TBA		Cox, J.		0.00
AMU-010-09	Pract: Clarinet		TBA		Cox, J.		0.00
AMU-010-10	Pract: Bassoon		TBA		Cox, J.		0.00
AMU-010-11	Pract: Saxophone		TBA		Cox, J.		0.00
AMU-010-12	Pract: French Horn		TBA		Cox, J.		0.00
AMU-010-13	Pract: Trumpet		TBA		Cox, J.		0.00
AMU-010-14	Pract: Trombone		TBA		Cox, J.		0.00
AMU-010-15	Pract: Tuba		TBA		Cox, J.		0.00
AMU-010-16	Pract: Percussion		TBA		Cox, J.		0.00
AMU-010-17	Pract: Violin		TBA		Cox, J.		0.00
AMU-010-18	Pract: Viola		TBA		Cox, J.		0.00
AMU-010-19	Pract: Cello		TBA		Cox, J.		0.00
AMU-010-20	Pract: Double Bass		TBA		Cox, J.		0.00
AMU-010-21	Pract: Harp		TBA		Cox, J.		0.00
AMU-010-22	Pract: Mandolin		TBA		Cox, J.		0.00
AMU-010-23	Pract: Bass/Guitar		TBA		Cox, J.		0.00
AMU-010-24	Pract: Guitar (Acoustic)		TBA		Cox, J.		0.00
AMU-010-25	Pract: World Music		TBA		Cox, J.		0.00
AMU-010-26	Pract: Jazz Piano (Olsen)		TBA		Cox, J.		0.00
AMU-010-27	Pract: Piano (Thomas)		TBA		Cox, J.		0.00
AMU-010-28	Pract: Gospel Music (Walters)		TBA		Cox, J.		0.00
AMU-011-01	Chamber Music Practicum		TBA		Cox, J.		0.00
AMU-012-01	Taiko Ensemble Practicum	Y	TMC 103	TH 07:00PM 09:00PM	Matsue, J.M.		0.00
			TMC 120+	TH 07:00PM 09:00PM			
AMU-014-01	Union College Chorale		TMC 120+	TW 05:00PM 06:00PM	Cox, J.		0.00
AMU-015-01	Jazz Ensemble Practicum		TMC 120+	W 07:00PM 09:00PM	Olsen, T.		0.00
AMU-017-01	Orchestra Practicum		MEMC 1	T 07:00PM 09:00PM	Cox, J.		0.00
AMU-102-01	Theory 2: Chromatic Harmony		TMC 122	TTH 10:55AM 12:40PM	Tann, H.	HUM	1.00
			TMC 224+	TTH 10:55AM 12:40PM			
AMU-134-01	Music and Culture of Africa		TMC 120+	MWF 01:50PM 02:55PM	Olsen, T.	LCC/HUM/WAC	1.00
AMU-135-01	American Folk Music: 20th Cent		TMC 120+	TTH 01:55PM 03:40PM	Cox, J.	HUM/WAC	1.00
AMU-221-01	The History of Rock and Roll	Y	TMC 120+	MWF 11:45AM 12:50PM	Matsue, J.M.	HUM/WAC	1.00
AMU-284-01	Mozart Through Letters & Music		TMC 224+	MWF 09:15AM 10:20AM	McMullen, D.	WAC/HUM	1.00
*AMU-295H-20	Music Honors Ind Project 1		TBA		Staff		0.00
*AMU-296H-20	Music Honors Ind Project 2		TBA		Staff		1.00
*AMU-297H-01	Music 1-TERM Research		TBA		Matsue, J.M.		1.00
*AMU-490-20	Music Ind Study 1		TBA		Staff		1.00
*AMU-498-20	Music Senior Project 1		TBA		Staff		0.00
*AMU-499-01	Music Senior Project 2		TBA		Tann, H.	WS	2.00
*AMU-499-20	Music Senior Project 2		TBA		Staff	WS	2.00



Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
<b>Organizing Theme</b>							
*By permission of Instructor Only							
*ORT-295H-01	Seward Fellows Ind Project 1		TBA		Olsen, T.		0.00
*ORT-295H-20	Seward Fellows Ind Project 1		TBA		Staff		0.00
*ORT-296H-20	Seward Fellows Ind Project 2		TBA		Staff		1.00
*ORT-297H-01	Seward Fellows Ind Project	Y	TBA		Hill-Butler, D.		1.00
*ORT-490-20	Organizing Theme Indep. Study		TBA		Staff		1.00
*ORT-497-20	Organizing Theme Sr Project		TBA		Staff	WS	1.00
*ORT-498-20	Organizing Theme Thesis 1		TBA		Staff		0.00
*ORT-499-20	Organizing Theme Thesis 2		TBA		Staff	WS	2.00

### Philosophy

\*By permission of Instructor Only

PHL-100-01	Intro to Philosophy		KARP 002+	TTH	09:00AM 10:45AM	Baker, R.	HUM	1.00
PHL-135-01	Philosophy in Film		KARP 005+	TTH	01:55PM 03:40PM	Tullman, K.	HUM	1.00
PHL-135-02	Philosophy in Film		KARP 002+	TTH	10:55AM 12:40PM	Tullman, K.	HUM	1.00
PHL-231-01	Symbolic Logic		KARP 004+	MWF	11:45AM 12:50PM	Nowakowski, D.	QMR/HUM	1.00
PHL-245-01	Buddhist Ethics		KARP 004+	MW	03:05PM 04:45PM	Nowakowski, D.	LCC/HUM	1.00
PHL-265-01	Minds and Machines		KARP 004+	MWF	09:15AM 10:20AM	Barnett, D.	HUM	1.00
PHL-265-02	Minds and Machines		KARP 004+	MWF	10:30AM 11:35AM	Barnett, D.	HUM	1.00
PHL-281-01	Belief, Truth, and Knowledge		KARP 004+	MWF	01:50PM 02:55PM	Barnett, D.	HUM	1.00
*PHL-295H-20	Philosophy Honors Ind Proj 1		TBA			Staff		0.00
*PHL-296H-20	Philosophy Honors Ind Proj 2		TBA			Staff		1.00
PHL-339-01	Ecosystems Ontology		KARP 004+	T	01:55PM 05:25PM	Vitek, W.	HUL/WAC	1.00
PHL-474-01	Advanced Biomedical Ethics		LAMT 002+	TTH	01:55PM 03:40PM	Baker, R.	HUM	1.00
PHL-480-01	Foundations of Mathematics		BAIL 100+	MWF	01:50PM 02:55PM	Staff	HUM	1.00

### Physics and Astronomy

At the request of the Dept. Chair; students in multiple section courses may be switched from their originally scheduled section in order to optimize enrollment.

\*By permission of Instructor Only

PHY-110-01	Physics/Life Sciences 1 w/Lab		KARP 005+	MWF	09:15AM 10:20AM	Gann, R.	SCLB	1.00
			KARP 005+	T	08:00AM 08:50AM			
PHY-110L-01	Physics/Life Sciences 1 Lab		NWSE 300	T	09:00AM 11:50AM	Alboni, P.		0.00
PHY-110L-02	Physics/Life Sciences 1 Lab		NWSE 300	T	01:55PM 04:45PM	Alboni, P.		0.00
PHY-120-01	Matter in Motion W/Lab	Y	NWSE 300	MWF	09:15AM 10:20AM	Watson, H.	SCLB	1.00
			NWSE 300	TH	09:00AM 10:45AM			
PHY-120-02	Matter in Motion W/Lab	Y	NWSE 300	MWF	01:50PM 02:55PM	Gann, R.	SCLB	1.00
			NWSE 300	TH	01:55PM 03:40PM			
PHY-121-01	Prin of Electromagntcs w/lab	Y	NWSE 304	MWF	08:00AM 09:05AM	Amanuel, S.		1.00
			NWSE 304	T	09:00AM 10:45AM			
PHY-121-02	Prin of Electromagntcs w/lab	Y	NWSE 304	MWF	09:15AM 10:20AM	Wilkin, F.P.		1.00
			NWSE 304	T	10:55AM 12:40PM			
PHY-121-03	Prin of Electromagntcs w/lab	Y	NWSE 304	MWF	11:45AM 12:50PM	Wilkin, F.P.		1.00
			NWSE 304	T	01:55PM 03:40PM			
PHY-121-04	Prin of Electromagntcs w/lab	Y	NWSE 304	MWF	01:50PM 02:55PM	Mann, N.		1.00
			NWSE 304	TH	09:00AM 10:45AM			
PHY-121-05	Prin of Electromagntcs w/lab	Y	NWSE 304	MWF	03:05PM 04:10PM	Mann, N.		1.00
			NWSE 304	TH	01:55PM 03:40PM			
PHY-220-01	Intro to Quantum Mechanics		NWSE 112+	MWF	08:00AM 09:05AM	LaBrake, S.M.		1.00
			NWSE 112+	TH	08:00AM 08:50AM			
*PHY-295H-20	Physics Honors Ind Project 1					Staff		0.00
*PHY-296H-20	Physics Honors Ind Project 2					Staff		1.00
PHY-300-01	Modern Experimental Physics		NWSE 303	TTH	01:55PM 04:45PM	Staff		1.00
*PHY-490-20	Physics Research 1					Staff		0.00
*PHY-491-20	Physics Research 2					Staff	WS	2.00
*PHY-492-01	Physics Research 3		TBA			Hallenbeck, G.		1.00
*PHY-492-02	Physics Research 3		TBA			Amanuel, S.		1.00
*PHY-492-03	Physics Research 3		TBA			Marr, J.M.		1.00
*PHY-492-04	Physics Research 3		TBA			Wilkin, F.P.		1.00
*PHY-492-20	Physics Research 3					Staff		1.00
*PHY-495-01	Physics Ind Study 1		TBA			Hallenbeck, G.		1.00
*PHY-495-20	Physics Ind Study 1					Staff		1.00
*PHY-496-20	Physics Ind Study 2					Staff		1.00
*PHY-497-20	Physics Ind Study 3					Staff		1.00

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
<b>Political Science</b>							
<b>*By permission of Instructor Only</b>							
PSC-111-01	Introduction to U.S. Politics		LIPM 017+	MWF 01:50PM 02:55PM	Hays, B.	SOCS	1.00
PSC-112-01	Intro Global Politics		KARP 005+	MWF 08:00AM 09:05AM	Dallas, M.	SOCS	1.00
PSC-113-01	Intro to Political Thought		LIPM 012+	MW 03:05PM 04:45PM	Brown, C.		1.00
PSC-233-01	Human Rights/Political Theory		BAIL 207+	TTH 10:55AM 12:40PM	Cidam, C.	WAC	1.00
PSC-236-01	Police, Security & Biopower		BAIL 207+	TTH 01:55PM 03:40PM	Seri, G.	LCC	1.00
PSC-240R-01	Comparative Ethnic Politics		WLDC 010+	MWF 11:45AM 12:50PM	Hislope, R.	WAC	1.00
PSC-243-01	Latin American Politics		LIPM 101+	TTH 09:00AM 10:45AM	Seri, G.	LCC	1.00
PSC-251T-01	American Foreign Policy				Lobe, T.		1.00
PSC-275-01	Law and Film		LIPM 017+	MW 03:05PM 04:45PM	Hays, B.		1.00
PSC-277-01	Pol Internship-Capital Region		TBA		Brown, C.		1.00
PSC-280T-01	Internship in Washington DC				Lobe, T.		1.00
PSC-291-01	Urban Politics		WLDC 010+	TTH 10:55AM 12:40PM	Dell'Aera, A.		1.00
*PSC-295H-20	Pol Sci Honors Ind Project 1		TBA		Staff		0.00
*PSC-296H-20	Pol Sci Honors Ind Project 2		TBA		Staff		1.00
PSC-355-01	Defense Policy		LIPM 014+	MW 07:00PM 08:45PM	Brown, C.		1.00
PSC-358R-01	Wealth & Power Among Nations		WLDC 128+	MWF 10:30AM 11:35AM	Dallas, M.	WAC	1.00
PSC-369-01	Seminar: U.S.Politics	Y	LIPM 016+	TTH 01:55PM 03:40PM	Dell'Aera, A.	WAC	1.00
*PSC-490-20	Political Science Ind Study 1		TBA		Staff		1.00
*PSC-498-20	Political Sci Senior Thesis 1		TBA		Staff		0.00
*PSC-499-01	Political Sci Senior Thesis 2		TBA		Dell'Aera, A.	WS	2.00
*PSC-499-20	Political Sci Senior Thesis 2		TBA		Staff	WS	2.00

### Portuguese

\*By permission of Instructor Only

*POR-490-01	Portuguese Independent Study				Garcia, W.		1.00
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### Psychology

\*By permission of Instructor Only

PSY-100-01	Intro to Psychology		BAIL 312+	MWF 01:50PM 02:55PM	Walker, D.C.	SOCS	1.00
PSY-200-01	Statistical Methods in Psych	Y	BAIL 312+	MWF 09:15AM 10:20AM	Morton, L.		1.00
PSY-200-02	Statistical Methods in Psych	Y	BAIL 300+	MWF 10:30AM 11:35AM	Stanhope, L.		1.00
PSY-210-01	Behavioral Neuroscience	Y	BUTR 325+	TTH 01:55PM 03:40PM	Hayes, D.	SET	1.00
PSY-222-01	Judgement & Decision Making	Y	KARP 001+	TTH 10:55AM 12:40PM	Chabris, C.		1.00
PSY-230-01	Social Psychology	Y	BAIL 312+	MWF 10:30AM 11:35AM	Morton, L.		1.00
PSY-246-01	Educational Psychology	Y	BAIL 312+	T 04:45PM 08:20PM	Raso, M.		1.00
PSY-251-01	Personality	Y	BAIL 300+	TTH 10:55AM 12:40PM	Donaldson, G.		1.00
*PSY-295H-20	Psy Honors Ind Project 1		TBA		Staff		0.00
*PSY-296H-20	Psy Honors Ind Project 2		TBA		Staff		1.00
*PSY-297H-01	Psychology Research 1-TERM		TBA		Walker, D.C.		1.00
PSY-300-01	Research Methods in Psy W/Lab		BAIL 312+	TTH 10:55AM 12:40PM	Burns, D. J.	WAC	1.00
PSY-300L-01	Research Methods in Psy Lab		BAIL 303	T 01:55PM 04:45PM	Burns, D. J.		0.00
PSY-300L-02	Research Methods in Psy Lab		BAIL 303	TH 01:55PM 04:45PM	Burns, D. J.		0.00
PSY-312-01	Experimental Neurobiology W/Lab	Y	OLIN 206+	MWF 10:30AM 11:35AM	Olberg, R.	SCLB	1.00
PSY-312L-01	Neurobiology Lab		SWSE 205	T 01:55PM 04:45PM	Olberg, R.		0.00
PSY-312L-02	Neurobiology Lab		SWSE 205	W 01:50PM 04:40PM	Olberg, R.		0.00
PSY-313-01	Sensation & Perception W/Lab	Y	BAIL 312+	MWF 08:00AM 09:05AM	Hayes, D.	SCLB/WAC	1.00
PSY-313L-01	Sensation and Perception Lab		BUTR 325+	W 01:50PM 03:40PM	Hayes, D.		0.00
PSY-331-01	Psychology of Emotion	Y	BAIL 300+	TTH 01:55PM 03:40PM	Hart, J.J.		1.00
PSY-347-01	Psychology of Sexuality	Y	BAIL 312+	MW 03:05PM 04:45PM	Benack, S.		1.00
PSY-352-01	Psych Assessment & Testing	Y	BAIL 312+	MWF 11:45AM 12:50PM	Walker, D.C.		1.00
PSY-404-01	Honors Colloquium Pt 3:	Y	TBA		Chabris, C. Hart, J.J.		1.00
PSY-410-01	Seminar in Brain and Behavior	Y	BUTR 325+	TTH 10:55AM 12:40PM	Romero, S.G.	SET/WAC/S	1.00
PSY-431-01	Sem: Psych of Religion	Y	SORM 111+	TTH 10:55AM 12:40PM	DeBono, K.	WAC/S	1.00
PSY-451-01	Human Relations 2: Internship	Y	BAIL 306	TTH 09:00AM 10:45AM	Anderson-Hanley, C.		1.00
*PSY-487-01	Psychology 3 Term Thesis - 1		TBA		Anderson-Hanley, C.		0.00
*PSY-487-20	Psychology 3 Term Thesis - 1		TBA		Staff		0.00
*PSY-488-01	Psychology 3 Term Thesis - 2		TBA		Anderson-Hanley, C.		0.00
*PSY-488-20	Psychology 3 Term Thesis - 2		TBA		Staff		0.00
*PSY-489-01	Psychology 3 Term Thesis - 3		TBA		Anderson-Hanley, C.	WS	3.00
*PSY-489-20	Psychology 3 Term Thesis - 3		TBA		Staff	WS	3.00
*PSY-490-20	Psych Independent Study 1		TBA		Staff		1.00
*PSY-495-01	Psych 1-Term Senior Project		TBA		Weisse, C.	WS	1.00
*PSY-495-20	Psych 1-Term Senior Project		TBA		Staff	WS	1.00
*PSY-496-20	Psychology 2 Term Sr Project 1		TBA		Staff		0.00
*PSY-497-20	Psychology 2 Term Sr Project 2		TBA		Staff	WS	2.00

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
*PSY-498-01	Psychology Thesis 1		TBA		Anderson-Hanley, C.		0.00
*PSY-498-02	Psychology Thesis 1		TBA		Stanhope, L.		0.00
*PSY-498-20	Psychology Thesis 1		TBA		Staff		0.00
*PSY-499-01	Psychology Thesis 2		TBA		Anderson-Hanley, C.	WS	2.00
*PSY-499-20	Psychology Thesis 2		TBA		Staff	WS	2.00

### Religious Studies

\*By permission of Instructor Only

ANT-252-01	Anthropology of Christianity		LIPM 101+	TTH	10:55AM 12:40PM	Deacon, G.	LCC	1.00
ANT-254-01	Anthropology of Religion		WLDC 225+	MWF	01:50PM 02:55PM	Khan, A.	LCC	1.00
GRK-240-01	Hellenistic Greek		LAMT 201	MWF	10:30AM 11:35AM	Bedford, P.		1.00
HST-158-01	The Holocaust		RCC AUD	MWF	11:45AM 12:50PM	Berk, S.		1.00
HST-241-01	Mystics, Magic & Witchcraft		BAIL 102+	TTH	01:55PM 03:40PM	Sargent, S.		1.00
PHL-245-01	Buddhist Ethics		KARP 004+	MW	03:05PM 04:45PM	Nowakowski, D.	LCC/HUM	1.00
PSY-431-01	Sem: Psych of Religion	Y	SORM 111+	TTH	10:55AM 12:40PM	DeBono, K.	WAC/S	1.00
REL-103-01	Intro to Religious Studies		BAIL 312+	TTH	01:55PM 03:40PM	Wegter-Mcnelly, K.	HUL/LCC	1.00
REL-201-01	Darwin and Design		OLIN 211+	TTH	10:55AM 12:40PM	Wegter-Mcnelly, K.		1.00
REL-240-01	Hellenistic Greek		LAMT 201	MWF	10:30AM 11:35AM	Bedford, P.		1.00
*REL-295H-20	Rel Honors Ind Project 1		TBA		Staff		0.00	
*REL-296H-20	Rel Honors Ind Project 2		TBA		Staff		1.00	
*REL-490-20	Religious Indep. Study		TBA		Staff		1.00	
*REL-498-20	Religious Studies Sr. Thesis 1		TBA		Staff		0.00	
*REL-499-01	Religious Studies Sr Thesis 2		TBA		Bedford, P.		2.00	
*REL-499-20	Religious Studies Sr Thesis 2		TBA		Staff		2.00	
SOC-223-01	Sociology of Religion		BAIL 300+	MWF	09:15AM 10:20AM	Cotter, D.	WAC	1.00

### Russia & East Europe

\*By permission of Instructor Only

ECO-354-01	International Economics		WLDC 225+	TTH	01:55PM 03:40PM	Motahar, E.		1.00
HST-158-01	The Holocaust		RCC AUD	MWF	11:45AM 12:50PM	Berk, S.		1.00
MLT-260-01	Vampire As Other E Eur/Am Cult		OLIN 115+	MW	03:05PM 04:45PM	Bidoshi, K.A.	LCC/HUL/HUM	1.00
*REE-490-20	Russia & E. Europe Ind Study		TBA		Staff		1.00	
*REE-498-20	Russia & East Europe Thesis 1		TBA		Staff		0.00	
*REE-499-20	Russia & East Europe Thesis 2		TBA		Staff	WS	2.00	
RUS-102-01	Basic Russian 3		OLIN 211+	MWF	11:45AM 12:50PM	Reznikova, E.	LCCR/HUM	1.00
RUS-202-01	Advanced Russian		WLDC 128+	MWF	01:50PM 02:55PM	Pease, A.	LCCR/HUM	1.00
*RUS-202-25	Advanced Russian		TBA		Pease, A.	LCCR/HUM	1.00	

### Russian

Before signing up for your first Russian course at Union; you must check with the Modern Languages Dept. in Karp Hall.

\*By permission of Instructor Only

RUS-102-01	Basic Russian 3		OLIN 211+	MWF	11:45AM 12:50PM	Reznikova, E.	LCCR/HUM	1.00
RUS-202-01	Advanced Russian		WLDC 128+	MWF	01:50PM 02:55PM	Pease, A.	LCCR/HUM	1.00
*RUS-202-25	Advanced Russian		TBA		Pease, A.	LCCR/HUM	1.00	
*RUS-295H-20	Russian Honors Ind Project 1		TBA		Staff		0.00	
*RUS-296H-20	Russian Honors Ind Project 2		TBA		Staff	HUM	1.00	
*RUS-490-20	Russian Independent Study 1		TBA		Staff		1.00	

### Scholars Program

SCH-150 Sections cannot be added or changed without permission from Ms. Tongue, Becker 102

SCH-150-01	Scholars Research Seminar		KARP 103+	TTH	09:00AM 10:45AM	Wareh, P.		1.00
SCH-150-02	Scholars Research Seminar		KARP 103+	MWF	10:30AM 11:35AM	Doyle, K.A.		1.00
SCH-150-03	Scholars Research Seminar		KARP 008+	MWF	10:30AM 11:35AM	Hagerman, M.		1.00
SCH-400-01	Senior Scholars Colloquium		STZH 106+	M	01:50PM 05:20PM	Ramasubramanian, A.		1.00

### Science, Med & Tech in Culture

AST-050-01	The Solar System w/Lab	Y	OLIN 115+	MWF	09:15AM 10:20AM	Hallenbeck, G.	SCLB/WAC	1.00
AST-050L-01	The Solar System Lab		OLIN 211+	M	01:50PM 04:40PM	Marr, J.M.		0.00
AST-050L-02	The Solar System Lab		OLIN 206+	T	09:00AM 11:50AM	Marr, J.M.		0.00
AST-050L-03	The Solar System Lab		OLIN 206+	T	01:50PM 04:40PM	Marr, J.M.		0.00
AST-058-01	Astrobiology	Y	LIPM 016+	MWF	10:30AM 11:35AM	Koopmann, R. Horton, J. S.	SET	1.00
BIO-058-01	Astrobiology	Y	LIPM 016+	MWF	10:30AM 11:35AM	Horton, J. S.	SET	1.00
BIO-065-01	Food & Health in 21st Century	Y	WLDC 225+	MWF	08:00AM 09:05AM	Willing, R.	SET	1.00
BIO-243-01	Bioinformatics	Y	BAIL 100+	TTH	10:55AM 12:40PM	Horton, J. S.		1.00
			OLIN 107+	TTH	10:55AM 12:40PM	Fernandes, C.		

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
CHM-080-01	Culinary Chemistry W/Lab	Y	MESA 105+	TTH 01:55PM 05:20PM	Hagerman, M.	SCLB	1.00
CSC-104-01	Robots Rule w/lab	Y	OLIN 107+	MWF 10:30AM 11:35AM	Webb, N.	SET/QMR	1.00
			OLIN 107+	T 01:55PM 03:40PM			
CSC-106-01	Can Computers Think? W/Lab		OLIN 107+	MWF 09:15AM 10:20AM	Anderson, M.	QMR/SET	1.00
			OLIN 107+	TH 01:55PM 03:40PM			
CSC-243-01	Bioinformatics	Y	BAIL 100+	TTH 10:55AM 12:40PM	Fernandes, C.		1.00
			OLIN 107+	TTH 10:55AM 12:40PM	Horton, J. S.		
ECO-228-01	Environmtl/Natrl Resrcs Eco		KARP 001+	MWF 11:45AM 12:50PM	Kenney, J.		1.00
EGL-306-01	Jr. Seminar: Romanticism Redux	Y	KARP 101+	TTH 01:55PM 03:40PM	Burkett, A.	HUL/LCC/HUM/WAC	1.00
ENS-100-01	Intro to Environ Studies W/Lab	Y	OLIN 306+	MWF 10:30AM 11:35AM	Corbin, J.	SCLB	1.00
ENS-100L-01	Intro to Environ Studies Lab		OLIN 106+	M 01:50PM 04:40PM	Corbin, J.		0.00
ENS-100L-02	Intro to Environ Studies Lab		OLIN 306+	T 01:55PM 04:45PM	Corbin, J.		0.00
ENS-208-01	Waste Mgmt & Recycling W/Lab		OLIN 306+	TTH 10:55AM 12:40PM	Ghaly, A.	SET	1.00
ENS-208L-01	Waste Mgmt & Recycling Lab		OLIN 306+	TH 01:55PM 04:45PM	Ghaly, A.		0.00
ENS-247-01	Sustainable Infrastructure		OLIN 306+	TTH 09:00AM 10:45AM	Ghaly, A.	SET	1.00
ENS-253-01	Environm't Friendly Bldgs W/Lab		OLIN 106+	TTH 10:55AM 12:40PM	Mafi, M.	SET	1.00
ENS-253L-01	Environm't Friendly Bldgs Lab		OLIN 106+	T 01:55PM 04:45PM	Mafi, M.		0.00
ENS-253L-02	Environm't Friendly Bldgs Lab		OLIN 106+	TH 01:55PM 04:45PM	Mafi, M.		0.00
GEO-117-01	Natural Disasters W/Lab	Y	OLIN 307+	MWF 10:30AM 11:35AM	Garver, J. I.	SCLB/WAC	1.00
GEO-117L-01	Natural Disasters Lab		OLIN 307+	M 01:00PM 04:45PM	Garver, J. I.		0.00
GEO-117L-02	Natural Disasters Lab		OLIN 307+	T 01:00PM 04:45PM	Garver, J. I.		0.00
GEO-120-01	Earth - Life Thru Time W/Lab	Y	OLIN 306+	MWF 11:45AM 12:50PM	Gillikin, D.	SCLB	1.00
GEO-120L-01	Earth, Life Thru Time Lab		OLIN 306+	M 01:00PM 04:45PM	Gillikin, D.		0.00
GEO-120L-02	Earth, Life Thru Time Lab		OLIN 306+	W 01:00PM 04:45PM	Gillikin, D.		0.00
HST-258-01	Nazi Science, Medicine, & Tech		LIPM 101+	MWF 09:15AM 10:20AM	M. Walker		1.00
PHL-474-01	Advanced Biomedical Ethics		LAMT 002+	TTH 01:55PM 03:40PM	Baker, R.	HUM	1.00
SOC-228-01	Sociology of Medicine		LIPM 101+	TTH 01:55PM 03:40PM	Goldner, M.A.		1.00

### Sociology

\*By permission of Instructor Only

SOC-100-01	Intro to Sociology		KARP 001+	MWF 10:30AM 11:35AM	Hill-Butler, D.	SOCS	1.00
SOC-100-02	Intro to Sociology		WLDC 128+	TTH 10:55AM 12:40PM	Goldner, M.A.	SOCS	1.00
SOC-202-01	Social Problems & Policy		LIPM 014+	TH 09:00AM 12:40PM	Kaplan, I.		1.00
SOC-203-01	Social Psychology	Y	BAIL 312+	MWF 10:30AM 11:35AM	Morton, L.		1.00
SOC-204-01	Social Construction Deviance		LIPM 014+	TTH 01:55PM 03:40PM	Stablein, T.	WAC	1.00
SOC-223-01	Sociology of Religion		BAIL 300+	MWF 09:15AM 10:20AM	Cotter, D.	WAC	1.00
SOC-228-01	Sociology of Medicine		LIPM 101+	TTH 01:55PM 03:40PM	Goldner, M.A.		1.00
*SOC-295H-20	Sociology Honors Ind Project 1		TBA		Staff		0.00
*SOC-296H-20	Sociology Honors Ind Project 2		TBA		Staff		1.00
SOC-314-01	America's War on Drugs		BAIL 104+	TTH 10:55AM 12:40PM	Stablein, T.	WAC	1.00
SOC-385-01	Internship: Human Services		TBA		Kaplan, I.		1.00
*SOC-490-01	Sociology Independent Study 1		TBA		Cotter, D.		1.00
*SOC-490-20	Sociology Independent Study 1		TBA		Staff		1.00
*SOC-498-20	Sociology Senior Thesis 1		TBA		Staff		0.00
*SOC-499-01	Sociology Senior Thesis 2		TBA		Cotter, D.	WS	2.00
*SOC-499-02	Sociology Senior Thesis 2		TBA		Kaplan, I.	WS	2.00
*SOC-499-20	Sociology Senior Thesis 2		TBA		Staff	WS	2.00

### Sophomore Research Seminar

SRS Sections cannot be added or changed without permission from Ms. Basirico; OLIN 219.

SRS-200-01	The Self/Your Self		SORM 111+	TTH 09:00AM 10:45AM	Benack, S.		1.00
SRS-200-02	Irish Culture 1880 to 1922		KARP 004+	TTH 09:00AM 10:45AM	Bracken, C.		1.00
SRS-200-03	Chaos" Across Disciplines"		WLDC 028+	TTH 09:00AM 10:45AM	Calandra, N.		1.00
SRS-200-04	Discovery Humanity 1500-1800		KARP 101+	MWF 10:30AM 11:35AM	Cramsie, J.R.		1.00
SRS-200-05	Rethinking Iran		LIPM 201+	TTH 09:00AM 10:45AM	Motahar, E.		1.00
SRS-200-06	Gender, Immigration in France		KARP 006+	MWF 10:30AM 11:35AM	Moufflard, C.		1.00
SRS-200-07	African Migration		KARP 101+	TTH 09:00AM 10:45AM	Ndiaye, C.M.		1.00
SRS-200-08	Human Influence and Power		LIPM 201+	MWF 10:30AM 11:35AM	Pease, A.		1.00
SRS-200-09	Scottish Witchcraft Trials		OLIN 211+	TTH 09:00AM 10:45AM	Sargent, S.		1.00
SRS-200-10	The Emergence of Sexuality		RCC 301+	TTH 09:00AM 10:45AM	Singy, P.		1.00
SRS-200-11	Neanderthals		OLIN 211+	MWF 10:30AM 11:35AM	Walker, M.		1.00

### Spanish

Before signing up for your first Spanish course at Union; you must check with the Modern Languages Dept. in Karp Hall.

\*By permission of Instructor Only

SPN-102-01	Basic Spanish 3		OLIN 106+	MWF 09:15AM 10:20AM	Garcia, W.	LCCS/HUM	1.00
SPN-200-01	Intermediate Spanish 1		OLIN 106+	MWF 08:00AM 09:05AM	Mosquera, D.	LCCS/HUM	1.00
SPN-201-01	Intermediate Spanish 2		KARP 001+	MWF 01:50PM 02:55PM	Osuna, M.	LCCS/HUM	1.00

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
SPN-202-01	Intermediate Spanish 3		KARP 002+	MWF 09:15AM 10:20AM	Mueller, S.	LCCS/HUM	1.00
SPN-203-01	Advanced Spanish	Y	WLDC 010+	MWF 09:15AM 10:20AM	Mosquera, D.	LCCS/HUM/WAC	1.00
*SPN-295H-20	Spanish Honors Ind Project 1		TBA		Staff		0.00
*SPN-296H-01	Spanish Honors Ind Project 2		TBA		Osuna, M.	HUM	1.00
*SPN-296H-20	Spanish Honors Ind Project 2		TBA		Staff	HUM	1.00
SPN-304-01	Perf Ident in Cont Span Theatr		OLIN 206+	MWF 11:45AM 12:50PM	Garcia, W.	HUL/LCCS	1.00
SPN-381-01	Hauntings in Hispanic Fiction		KARP 006+	MWF 01:50PM 02:55PM	Mueller, S.	LCCS/WAC/HUL	1.00
SPN-400-01	Don Quixote		LIPM 201+	TTH 10:55AM 12:40PM	Martinez, V.	HUL/LCCS/WAC/S	1.00
SPN-405-01	Lost and Found in Translation		KARP 001+	MW 03:05PM 04:45PM	Osuna, M.	HUM/LCCS/WAC/S	1.00
*SPN-489-01	Spanish Honors Senior Seminar		TBA		Henseler, C.	LCCS	1.00
*SPN-490-20	Spanish Independent Study 1		TBA		Staff		1.00

### Statistics

STA-164-01	Strategies of Experimentation	Y	BAIL 100+	MWF 09:15AM 10:20AM	Hoerl, R.		1.00
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### Studio Arts

\*Students requesting petitions for AVA-010 will be contacted and must meet with instructor prior to faculty approval.

\*\*Students must bring Studio 35mm SLR film camera to first class and must attend first class to remain enrolled.

\*\*\*By permission of Instructor Only

*AVA-010-01	Ceramics 1 Practicum	Y	VART VAS	W 04:00PM 06:00PM	Niefeld, N.		0.00
AVA-020-01	Ceramics 2 Practicum		VART VAS	W 06:00PM 08:00PM	Niefeld, N.		0.00
AVA-030-01	Ceramics 3 Practicum		VART VAS	W 06:00PM 08:00PM	Niefeld, N.		0.00
AVA-110-01	Drawing 1	Y	PDTH 100	TTH 01:55PM 04:45PM	Wimer, S.	HUM	1.00
***AVA-120-01	Photography 1	Y	OLDC SEMI	TTH 09:30AM 12:20PM	Benjamin, M.	HUM	1.00
AVA-130-01	Sculpture 1	Y	NWSE 114+	TTH 09:15AM 12:00PM	Duncan, C.	HUM	1.00
			NWSE 116+	TTH 09:15AM 12:00PM			
AVA-151-01	Printmaking: Etching	Y	PDTH 100	TTH 09:00AM 12:00PM	Wimer, S.	HUM	1.00
AVA-230-01	Sculpture 2		NWSE 114+	TTH 01:55PM 04:45PM	Duncan, C.	HUM	1.00
			NWSE 116+	TTH 01:55PM 04:45PM			
AVA-260-01	Painting in Oil		TBA	MW 09:30AM 12:30PM	Nemett, L.	HUM	1.00
AVA-262-01	Real & Recorded Time		OLIN 110+	TTH 09:00AM 11:50AM	Orellana, F.	HUM	1.00
***AVA-295H-20	Studio Arts Honors Ind Proj 1		TBA		Staff		0.00
***AVA-296H-01	Studio Arts Honors Ind Proj 2		TBA		Nemett, L.		1.00
***AVA-296H-20	Studio Arts Honors Ind Proj 2		TBA		Staff		1.00
**AVA-320-01	Photography 3		OLDC SEMI	TTH 01:55PM 03:40PM	Benjamin, M.	HUM	1.00
AVA-330-01	Sculpture 3		NWSE 114+	TTH 01:55PM 04:45PM	Duncan, C.	HUM	1.00
			NWSE 116+	TTH 01:55PM 04:45PM			
AVA-370-01	Physical Computing		OLIN 110+	TTH 01:55PM 04:45PM	Orellana, F.	HUM	1.00
**AVA-400-01	Photog 4 - Spec Projects		OLDC SEMI	TTH 03:40PM 05:00PM	Benjamin, M.	HUM	1.00
***AVA-405-01	Special Projects in Painting		NTR 100	MW 09:30AM 12:30PM	Nemett, L.	HUM	1.00
***AVA-410-01	Drawing Independent Study 1		TBA		Wimer, S.		1.00
***AVA-430-01	Sculpture Independent Study 1		TBA		Duncan, C.		1.00
***AVA-460-01	Painting Independent Study 1		TBA		Nemett, L.		1.00
***AVA-480-20	Digital Arts Independent Study		TBA		Staff		1.00
***AVA-481-01	Digital Arts Indep Study 2		TBA		Orellana, F.		1.00
***AVA-497-01	Senior Studio Project		TBA		Orellana, F.	WS	1.00
***AVA-497-02	Senior Studio Project		TBA		Wimer, S.	WS	1.00
***AVA-498-01	Visual Arts Senior Thesis 1		TBA		Orellana, F.		0.00
***AVA-498-20	Visual Arts Senior Thesis 1		TBA		Staff		0.00
***AVA-499-01	Visual Arts Senior Thesis 2		TBA		Nemett, L.	WS	2.00
***AVA-499-20	Visual Arts Senior Thesis 2		TBA		Staff	WS	2.00

### Theater

\*By permission of Instructor Only

ATH-050-01	Rehearsal and Production		TBA		Moutillet, M. Finlay, W.		0.00
ATH-104-01	Intro to Study of Lit: Drama		KARP 002+	MWF 10:30AM 11:35AM	Wareh, P.	WAC/HUM/HUL	1.00
ATH-110-01	Stagecraft 1		YULM THR	TTH 10:55AM 12:40PM	Bovard, R.	HUM	1.00
ATH-120-01	History of Theatre	Y	YULM THR	TTH 10:55AM 12:40PM	Girard, D.	LCC/HUM/HUL/WAC	1.00
ATH-121-01	Puppet Theatre Desgn & Perform		YULM THR	TTH 01:55PM 03:40PM	Steckler, C.	HUM	1.00
ATH-122-01	Intro to Costume Design		YULM THR	TTH 10:55AM 12:40PM	Belz, B.	HUM	1.00
ATH-125-01	Improvisation 1	Y	YULM THR	TTH 09:00AM 11:50AM	Culbert, P.	HUM	1.00
ATH-128-01	Stage Combat	Y	HENL DANS	MW 03:05PM 04:45PM	Finlay, W.	HUM	1.00
ATH-226-01	Stagecraft 2		YULM THR	TTH 10:55AM 12:40PM	Bovard, R.	HUM	1.00
ATH-342-01	Acting 2		YULM THR	TTH 01:55PM 03:40PM	Culbert, P.	HUM	1.00
*ATH-490-01	Theatre Ind Study 1		TBA		Finlay, W.		1.00
*ATH-491-01	Theatre Ind Study 2		TBA		Bovard, R.		1.00
*ATH-497-01	Theatre Senior Project		TBA		Steckler, C.	WS	1.00

Course #	Title	Petition	Location	Meeting Times	Instructor	CC	Credit
*ATH-497-20	Theatre Senior Project		TBA		Staff	WS	1.00
*ATH-498-20	Theatre Senior Project 1		TBA		Staff		0.00
*ATH-499-01	Theatre Senior Project 2		TBA		Culbert, P.	WS	2.00
*ATH-499-20	Theatre Senior Project 2		TBA		Staff	WS	2.00