

Olin College Registration Booklet

Fall 2007

Classes begin Thursday, August 30, 2007

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**Add Period: August 30– September 13, 2007
First day of instruction: August 30, 2007**

Table of Contents

Section	Page
Frequently Asked Questions and Instructions	2
Catalog Supplement	5
Other Registration Opportunities or Notes	8
Appendix	
Fall 2007 Course Listing	12
Fall 2007 Scheduling Grid	15

Frequently Asked Questions and Instructions

What do I register for?

Students are allowed to register for a maximum of 20 credits. All students have a minimum requirement of 12 degree credits to be eligible for the Olin tuition scholarship.

The maximum credits can be distributed between **degree** and **non-degree** activities.

Degree activities are defined as counting toward graduation credit and course requirements (all students must have a minimum of 12 degree credits). Examples of registered degree activities are standard courses, cross-registered courses, independent study and research for degree credit. Consult the catalog for your specific degree requirements.

Non-degree activities are defined as **not** counting toward degree and subject requirements. Examples are passionate pursuits and shop. Non-degree activities are not graded and appear on your transcript if you have met all of your objectives for the activity.

Note: Non-degree activities must be declared at the time of application. They cannot be changed to a degree activity after that time. Likewise, courses designated as degree credit cannot be changed to non-degree credit after the Add period.

How do I choose my activities for degree and non-degree credit?

Use this booklet as a tool to assist you in preparation for advising discussions. Meet with your adviser BEFORE your registration date. Your adviser will “clear” you to register. If you are not cleared, you will not be permitted to register.

I am doing a Study Away Program next semester. Do I need to register?

YES! Students in approved semester away programs must register for a single course: **AWAY1000: Study Away Program**. This course will allow Olin to certify you as a full-time student during the semester you are away. Your approved course work will be transferred to your academic record upon receipt of a transcript from the host institution (provided you have received the minimum required grade). Note: All registrations will be cross-referenced with the Study Away Committee.

Olin Self Study, Independent Study and Research - - - How do I register?

Students interested in doing research and/or independent study can do so by registering for the proper course number on sis.olin.edu AND by applying to the Olin Self Study and Independent Study and Research Board (OSSISURB). ALL OSSISURB applications must be turned into the StAR Center by September 13, 2007 to be considered registered. Any sis.olin.edu registration without an OSSISURB application will be dropped from the student record. Seniors must leave room in their schedules for 4 credits of OSS. Juniors can leave room in their schedules for 4 credits of OSS, subject to finding an OSS advisor.

I am interested in doing a Passionate Pursuit next semester. How do I register?

If you are interested in doing a Passionate Pursuit, consult the Student Handbook for FAQ's. Passionate Pursuits require approval from the Executive committee of the Passionate Pursuit Board in addition to consent of a faculty sponsor and the student's adviser. Passionate Pursuit proposals should be sent to the chair of the executive board, the Dean of Student Life.

How do I participate in Cross-Registration with Babson, Brandeis or Wellesley (BBW)?

Olin students are allowed to take one course per school, per semester; with the exception of first semester freshmen. First semester freshmen are not permitted to participate in cross-registration.

When selecting a BBW course, keep in mind the time constraints of your Olin courses. Additionally, it is important to check for course pre-requisites and the enrollment. Under most circumstances, if the course is full, you will not be able to register for the course. Enrollment is generally found under course "tally" or listed with the course section information.

All BBW courses will be noted on your Olin degree audit by 'color' (the area of discipline). It is the student's responsibility to review the ARB approved 'coloring' on the ARB website and note the color on the cross-reg form. If a course is not found on the 'list', the student must petition the CSTB for appropriate coloring.

Babson College Cross Registration dates: now

You can find their offerings at <http://www.babson.edu/registrar/>. You do not need a log-in to access the information.

Choose "course listing" from the menu options on the left menu bar and then follow the prompts from that point. It is best to sort by course title and course number. If you find a course you are interested in, complete a cross-registration form (found at <http://star.olin.edu>) and send it to star.center@olin.edu. The StAR Center will work with Babson to facilitate the registration.

Brandeis University Cross Registration dates: now

You can find Brandeis offerings at <http://www.brandeis.edu/registrar/reg-sched/sch.html>.

If you find a course you are interested in, complete a cross-registration form (found at <http://star.olin.edu>) and send it to star.center@olin.edu. The StAR Center will work with Brandeis to facilitate the registration.

Wellesley College Cross Registration dates: now

You can find their offerings at [Wellesley Schedule](#)

Students interested in pursuing a course at Wellesley should complete a registration form (found at <http://star.olin.edu>) and send it to star.center@olin.edu. The StAR Center will facilitate the registration for Olin students.

How do I Cross-Register to Olin College?

Olin welcomes students from Babson, Brandeis and Wellesley to register for Olin courses. In general, all courses except for the first year Integrated Course Blocks (ICBs) are eligible for cross-registration with the permission of the Olin faculty member. BBW students should send a request for a course through their Registrar's Office to the Student Accounts and Records (StAR) Center. Cross-registration request forms can be found at the home institution. Visit <http://star.olin.edu> for more information.

What About Co-Curriculars?

Registration and descriptions for Co-Curriculars will be released during the add period in September. If a student has a particular interest in a co-curricular that they would like to see offered, they are encouraged to seek out a "faculty/staff" sponsor before the end of this semester and notify the Dean of Student Life. Co-Curricular offerings will be posted at <http://star.olin.edu>.

When Do I Register?

On-line registration will take place April 24-26, 2007 during the evening hours. Information regarding the groups will be sent **via email** no later than April 20, 2007.

(Registration will be open to cleared and eligible students only. A cleared student is one that has met with his/her adviser and has an updated learning plan. An eligible student is one who does not have an outstanding financial balance with the college.)

When is the Add Period – the Drop Period – the last day to withdraw from a course?

The Add period* is the first 10 class days of the semester. The Add period will begin on August 30, 2007 and end on September 13, 2007. Add requests can be processed in person at the StAR Center and on-line. Add/Drop forms can be found at <http://star.olin.edu>.

The Drop period begins August 30, 2007 and ends November 5, 2007. During this time, students can alter their schedule as long as they remain in a minimum of 12 credits of degree activities. A “drop” is removed from the student schedule and does not appear on transcripts. Drops and withdrawals after the add period require a hard copy form and must be processed at the StAR Center. There are no on-line drops after the add period ends.

The last day to withdraw from a course is the last day of instruction. 0

*Additionally, students wishing to participate in cross-registration will be allowed to alter their Olin schedule to accommodate cross-registration requests if the host schools’ add/drop period extends beyond September 13, 2007. This will be done at the StAR Center once the confirmation of the cross-registered request is received. The reason for this is due to the variable times at which we can honor cross-registration requests depending on the host school’s registration times.

How do I Register? --- Internet Explorer is the preferred browser

1. Log into the Web Registration system at <https://sis.olin.edu> or <https://my.olin.edu> (note: if you use sis.olin.edu your username is your first initial followed by your last name and your password is your ‘old’ sis.olin.edu password and not your network log-in; if using my.olin.edu you use your network credentials to log-in).

The following instructions are based on the sis.olin.edu site:

2. Make sure your “Set Options” are selected for **FALL 2007**. This can be done from the **MAIN** page at the bottom of the screen.
3. Select the **Registration** option from the directory structure on the left frame of the web page.
4. You will only be able to enter registration if it is (1) during your assigned time block; (2) if you are cleared by your adviser; and (3) if you do not have a hold due to financial obligations.
5. Enter the course number and the section of your choice and click **Add**. (For course numbers and sections refer to the course listing in this booklet.)

Note: Course numbers have no space between the letter and the number. Sections numbers are two digits with a leading zero if necessary – e.g. section one is 01.)

6. Confirmation Messages appear above the schedule in the **blue bar**. If you are not successful with an add function (due to a conflict or a full course), try another course and/or section. If you make a mistake, you can **Drop** the confirmed course and **Swap** it for another by using the **Swap** option. To use the swap option, select a course to “drop” and then enter the course number and section that you want to swap for it. You can also drop courses by selecting the radial button next to the course and clicking the “drop” key. You can only drop one course at a time. When you are finished, close the browser.

Waitlists

Waitlists are available on most courses. In sis.olin.edu, a waitlist comment is included in the course catalog offering section by clicking on the “VIEW” button under requirements if there is indeed a waitlist.

Fall 2007 Supplement to Current Course Catalog

Degree requirements are outlined in the 2006-07 Course Catalog. You may view the on-line catalog at [2006-07 Course Catalog](#)

Course descriptions can also be found in the [2006-07 Course Catalog](#). Courses for Fall 2007 that have been approved after the catalog printing are listed below.

AHSE 1199 section 01

Arts, Humanities and Social Science Foundation Topic

Subtitle: Islam and the West: Politics and Culture of Iran, Afghanistan and Pakistan

Instructor(s): Abbas

Credits: 4 AHS

The course establishes a basis for understanding modern political and cultural change in Iran, Afghanistan, and Pakistan. Each of the three states of this Turko-Persian region will be examined and compared with special attention to the role of ethnic violence, impact of identity politics, and relations with the West. The course will also focus on discovering the causes and identify the consequences of the Islamic revolution in Iran (1979); Afghan Jihad (1979-89) and military rule in Pakistan (1958-69; 1969-71; 1977-88; 1999-present). Other topics to be studied are: impact of modern technology and globalization on society, fundamentalism, education, the place of women in society, regional violence, and actions of Great Powers.

AHSE 1199 section 02

Arts, Humanities and Social Science Foundation Topic

Subtitle: "The Play's the Thing": Shakespeare Through Film

Instructor(s): Argyros

Credits: 4 AHS

Students will explore four of Shakespeare's plays (two comedies, two tragedies) using the scripts themselves and at least two film interpretations of each play. In groups, students will discuss the thematic and dramatic significance of a scene before addressing how best to stage the scene. After every group has imagined its own ideas for staging its scene, the class will analyze and compare cinematic interpretations of that scene. The purpose of the class will be to plunge deeply and enthusiastically into Shakespeare's plays. Requirements include two papers, a journal, and an original project. (Codpieces and leotards not required.)

AHSE 1199 section 03

Arts, Humanities and Social Science Foundation Topic

Subtitle: Live to Write: Creative Writing Workshop

Instructor(s): Shea

Credits: 4 AHS

This introductory creative writing workshop explores the concept of "narrative" through experiential and traditional learning modes.

The genres of fiction, poetry, and creative nonfiction will be the receptacles of our experience (present and past) as we attempt to write what we know and feel. We ask what constitutes a good story; we ask in an effort to gain completely new and vital understanding of how meaning takes shape, of how communication takes place.

This course incorporates workshop-based instruction with conventional group discussion. This course also requires 3-5 prescribed off-campus adventures, for the cultivation of general writing fodder or specific writing research. Students can expect weekly reading and short writing assignments.

The task of laying claim to one's own voice is central to the course goals, yet, the assumption going in is that the idea is wet clay. No experience necessary!

Please note: Students will receive their first assignment by email on August 30, but this course will meet for the first time on Thursday, September 6.

AHSE 1199 section 04

Arts, Humanities and Social Science Foundation Topic

Subtitle: Health and the Urban Environment

Instructor(s): Goldoftas

Credits: 4 AHS

The next frontier in environmentalism is the urban environment and the ways that living in a city or its outskirts can influence human health. This course explores that frontier, looking at risks that the built environment can pose to human health; roles that science can play in assessing these risks; and challenges and limitations of that approach. We will also look at urbanization and early public health movements; current trends in globalization and urban growth; susceptible populations and disparities in urban health. Case studies will include air-borne contaminants and childhood asthma; the built environment and type two diabetes; the politics of lead pollution; the privatization of public water supplies; and carbon labeling for food, eating locally, and climate change.

AHSE 3199A

Special Topics in Arts, Humanities and Social Science

Subtitle: AHS Capstone Preparatory Workshop

Instructor(s): Dabby, Lynch, Martello, Stein

Credits: 1 AHS (Pass/No Credit)

Hours: 0-0-3

Meeting time: None. Most work will be done independently or in conjunction with student TAs. A small number of group meetings, no more than three all semester, will be scheduled at a time TBA.

This course offers the opportunity to begin researching your proposed AHS Capstone topic, plan logistics, and write a proposal prior to enrolling in the AHS Capstone project. Students will work on a series of tasks throughout this semester in an independent manner, and can solicit feedback from other students in this course, Capstone teaching assistants, and Capstone teaching staff. Tasks include identification of the project area/topic and mentor; and also production of a partial annotated bibliography (that contextualizes each source with respect to one or more scholarly disciplines) and a detailed Capstone proposal (which includes a project statement, thesis, plan of work, etc.).

AHSE 3599

Special Topics in Business and Entrepreneurship

Subtitle: Technology and New Ventures

Instructor(s): Schiffman

Credits: 4 ENTRP

Hours: 4-0-8

Pre-requisite: AHSE 1500 or equivalent

Course concentrates on starting and growing new businesses. There will be a particular focus on technology-based businesses. There are three primary course objectives: 1. To investigate the components, tools, and practices of entrepreneurship, 2. To identify and exercise entrepreneurial skills through classroom debate and assignments., and 3. To introduce students to a variety of entrepreneurial undertakings. Student teams will work as a group over the term to write a business plan for a new, technology related venture.

ENGR 3199

Special Topics

The Engineers' Orchestra I: Acoustics, Waves, and Vibrations

Instructor(s): Diana Dabby and Chris Lee

Credits: 2 ENGR (first half-semester)

Hours: 3-0-9

Prerequisites: ICBI, ICBII

Corequisite: Math 2140 or permission of instructors

Meeting times: Wed 3-6pm

The Engineers' Orchestra provides an introduction to acoustics, waves, and vibrations via musical instruments. Students address the physics of orchestral instruments (strings, percussion, woodwinds, and brass) both qualitatively and quantitatively. Topics include sound source placement, transmission, and room acoustics, with relevant hands-on demonstrations. Modeling and analysis concepts will be introduced to support students in the design and construction of their own physical or virtual musical instruments.

AHSE 2199**Special Topics in Arts, Humanities, and Social Sciences****The Engineers' Orchestra II: Theory, Instrumentation, Composition**

Instructor: Diana Dabby

Credits: 2 AHSE (second half semester)

Hours: 3-0-9

Prerequisites: Ability to read music; Wired Ensemble; or Permission of the Instructor.

Meeting times: Wed 3-6pm

The Engineers' Orchestra II provides 'just-in-time' harmonic and contrapuntal theory for the study of instrumentation with an emphasis on composing for combinations of strings, woodwinds, brass, and percussion. Equipped with a technical understanding of orchestral instruments as a result of the Engineers' Orchestra I, students connect the art of ensemble writing to the physical understanding of instruments so that they can reason from several vantage points as to why, for example, a particular harmonic voicing might be preferable to another. While engaged in writing short studies for mixed ensembles, students look forward to composing their Opus 1, a culminating work for multiple instruments.

ENGR 3399**Special Topics in Mechanical Engineering****Experimental Structural Dynamics**

Instructor: Chris Lee

Credits: 2 ENGR (second half semester)

Hours 3-0-9

Prerequisites: Mechanical Vibrations 3335 or Dynamics 3340 or Signal and Systems 2410 or permission of instructor

Meeting times: Wed 3-6pm

Following the Do-Learn model, students will begin the course project, building a structural vibration absorber, on the first day. Topics from vibration theory and digital signal processing will be covered as needed to support the design process. Students will learn to take vibration measurements and process data using industry-standard hardware and software.

ENGR 3499: Special Topics in Electrical and Computer Engineering**Subtitle: Nonlinear Circuit Analysis**

Instructor: Mur-Miranda

Credits: 4 ENGR

Hours: 4-0-8

Pre-requisite: ENGR 2420 (Introduction to Microelectronic Circuits), MATH 3170 (Nonlinear Dynamics and Chaos) or permission from the instructor. *Note: In case of doubt, students are highly encouraged to talk to the instructor before deciding.*

Nonlinear circuits are commonly used in the design of electrical systems. Examples include sinusoidal generators, relaxation oscillators, power supplies, DC-DC converters, and signal transducers. Students will characterize the behavior of several of these circuits using state-space tools together with linear circuit theory. The results will be used to design physical implementations. Emphasis will be placed on the validation of theory using empirical data. The textbook for the course is "Linear and Nonlinear Circuits" by Chua, Desoer and Kuh. This book is out of print but the library has several copies.

ENGR 3899: Special Topics in Materials Science**Thin Film Materials & Design of Experiments**

Instructor(s): Matt Neal & Jon Stolk

Credits: 4 ENGR

Hours: 4-4-4

Prerequisites: SCI 1410

This course introduces students thin film materials, thin film deposition processes, vacuum technology, the clean room environment, and a systematic approach to the design of experiments within the context of thin film process engineering. Topics will include mechanical, electrical, magnetic, and optical properties of thin films, surface properties of thin films, physical and chemical deposition processes, plasma based etching of materials, photolithography, and the design, implementation and statistical analysis of experiments. The course includes a semester long project in three phases in which student teams will develop a thin film process and optimize film properties using design and analysis software. Rationale for Proposing the Course: This course will apply the fundamentals of materials science to the processing of thin film devices and the concepts of systematic experimentation and statistical analysis to the design of materials fabrication processes. Thin film processing is a core technology for the electronics, MEMS, and optics industries. While this course will be the only place in the Olin catalog to address electronic materials, the content will correlate closely with the topic of semiconductor device physics and will provide an entry point to the topic of solid state physics. The course will include an open-ended team project in 3 phases. The project will be hands on experience with the design, implementation, statistical analysis, and presentation of designed experiments.

Phase I: identify process and goals, Phase II: design, implement and analyze screening type set of experiments, Phase III: design, implement, and analyze focused set of experiments. Process need not be thin film, especially given equipment constraints.

Other Registration Opportunities or Notes

MEC 1000

Fundamentals of Machine Shop Operations

Instructor(s): Anderson

Credits: 4 Non Degree (will not meet degree requirements)

Hours: 6-0-6

Pre-requisites: Preference will be given those with prior machining and CAD experience

The course focuses on the fundamentals of machine shop operations, the foundations for all classical machining techniques. In addition, we will cover necessary mechanical design elements and CAD techniques to equip you with the skills to help other students. No basics will be skipped!

We will cover topics in proper breadth and depth to ensure that you come away with a sound understanding of machine shop safety, bench work, measurement, part layout, machine setup, operation and maintenance. We will also focus on design techniques and drawing creation using SolidWorks. Projects will be assigned to enforce these concepts and also provide many hours of machine time. There will be incentives to entice you to work professionally, learn how to interpret and establish appropriate design requirements and make parts to specification. Additionally you will learn how to inspect parts to ensure they meet specification. Time permitting - there will be field trips to local establishments to expand your horizons.

IDENTIFIED OPPORTUNITIES FOR OLIN STUDENTS AT BABSON COLLEGE

ANT3615 The Anthropology of Food Tues/Thurs 1:40-3:15pm

This four credit advanced Liberal Arts elective uses food and food practices as a lens through which to look at human culture/s. The need to produce, organize and consume food is a human universal. Although universal, this enterprise in its diverse manifestations is a spectacularly articulate vehicle for expressing distinct religious ideas; social boundaries between groups, social hierarchies within groups; dynamics of power and powerlessness; health and medical beliefs and beliefs about family, gender and the body. Among the topics we will focus on to get at the role of food in human culture/s are: food taboos and restrictions; voluntary hunger (fasting) and involuntary hunger (famine); meals, manners and etiquette; cuisine as ethnic and national symbolism and the globalization of agribusiness and food industries. This course will involve active field research as well as a study of our own food symbol systems.

Prerequisites: 3 Intermediate Liberal Arts courses (CVA, LVA, HSS)

ART1171 Mixed Media Drawing Tues/Thurs 1:40-3:15pm

Course Description: This is an introductory level course designed to bring students through basic aspects of drawing in a wide range of media. No previous experience is required. Issues such as line, tone, mark making, gesture form, light sources, figure/ground relationships, and perspective to overall compositions will be addressed separately and in the many ways that they relate to one another in a drawing. Students will draw observationally from life and from their own drawings, learning how to use each of these concepts as tools in order to draw and see more analytically. We will work with a wide range of materials from basic graphite pencils and charcoal, to ink washes, conte crayon on gesso treated paper, silverpoint, collage, and printmaking. Slides of various artists' work will be discussed in relation to concepts and processes explored in class. Student work will be discussed in group critiques with full class participation. Students should be committed to expanding their skills and can expect project deadlines. There will be some expense for materials.

Prerequisites: NONE

CVA2401 Introduction to Ethics Mon/Wed 3:25-4:40pm

Discussions relate morality to the life and circumstances of contemporary society by offering a solid grounding in the major concepts of ethical theory and in the basic skills for analyzing ethical issues and making sound moral judgments.

Prerequisites: RHT and Foundation H&S and A&H

EPS1210 THE ULTIMATE ENTREPRENEURIAL CHALLENGE Tues 6:00-9:00pm

This highly competitive course, patterned after the Donald Trump TV show, "The Apprentice," involves intense TEAM competition and problem solving of "real world businesses." Students will be divided into teams and compete for ten weeks to determine the ultimate winner.

Subjects include marketing, negotiation, management, finance and "out of the box thinking." The assignments will be based on actual case studies with the entrepreneurs involved in that particular case present in class to judge the students on their ideas.

Details

It will be open to both graduate and undergraduate students who possess "out of the box thinking" abilities and are creative and want to be successful entrepreneurs.

- The class will utilize the case method and have the entrepreneurs involved in the cases, as guests.
- The class will utilize teams that will be in direct competition with each other.

Subjects to be covered:

1. Starting and Growing a Business
2. Creating the Entrepreneurial Team
3. Obtaining Capital
4. Selecting the Right Management Style for Yourself
5. Negotiations
6. Ethics
7. Eureka Ranch Creativity
8. Financial Analysis and Tax Planning
9. Guerrilla Marketing
10. Succession
11. Harvesting

Prerequisites: NONE

EPS3501 Entrepreneurship and New Ventures Mon/Wed 1:40-3:15pm

EPS3501, EPS3502 and EPS3503 are equivalent courses. Students can take only ONE of these courses. Course concentrates on starting and growing new businesses. There are two primary course objectives:

1. To investigate the concepts, tools, and practices of entrepreneurship. We will concentrate on:
 - Identifying new venture opportunities (versus ideas),
 - Evaluating the viability of a new venture,
 - Writing a business plan,
 - Understanding which skills are necessary for success and building a team that possesses those attributes, and
 - Financing, starting, and operating a business.
2. To identify and exercise entrepreneurial skills through classroom debate and assignments.

Upon your completion of Entrepreneurship & New Ventures you will:

- Be superior opportunity assessors and shapers,
- Understand the integration of people and process in entrepreneurship,
- Be able to write, articulate, and present a business plan that will be ready for investor review
- Have a better understanding of your personal entrepreneurial capacity.

Case studies are used as the primary tool for discussion, and are augmented with readings, guest speakers, videos, and software simulations. Student teams will write a business plan for a new venture.

Prerequisites: Olin's Basic Business course

EPS3502 Entrepreneurship and New Ventures (ACE) Mon 3:25-5:00pm

EPS3501, EPS3502 and EPS3503 are equivalent courses. Students can take only ONE of these courses.

Must apply. 4-credit course running across the academic year. Must take both fall and This course is spring section. Only for the students accepted into the ACE program.

Course concentrates on starting and growing new businesses. There are three primary course objectives:

1. To investigate the components, tools, and practices of entrepreneurship. We will concentrate on:
 - identifying new venture opportunities,
 - evaluating the viability of a new business concept,
 - writing a business plan, and developing an investor presentation
 - building a team that possesses the attributes necessary for success,
 - obtaining appropriate financing,
 - creating an entrepreneurial culture that increases the odds of success, and
 - creating liquidity for shareholders.
2. To identify and exercise entrepreneurial skills through classroom debate and assignments.
3. To introduce students to a variety of entrepreneurs.

Case studies are used as the primary tool for discussion, and are augmented with readings, guest speakers, videos, and software simulations. Student teams will write a business plan for a new venture.

Prerequisite: Olin's Basic Business course

EPS 3580 Marketing for Entrepreneurs Mon/Wed 3:25-5:00pm

This course provides an in-depth study of entrepreneurial marketing strategies for the 21st century. It examines how start-up and small/medium-size companies reach the marketplace and sustain their businesses, within highly-competitive industries.

Recognition is given to the need of management to operate flexibly, make maximum effective use of scarce resources in terms of people, equipment and funds, and the opportunities that exist within new and established market niches.

Classes focus on a combination of brief lectures, extensive case study analyses and a term-long group assignment involving student-generated entrepreneurial product or service offerings.

Prerequisites: Olin's Basic Business course

HSS2402 History of China Tues/Thurs 1:40-3:15pm

This course is a broad survey of Chinese history and the ways that the Chinese have responded to this history in their daily lives. It does not merely catalog the phenomena of Chinese civilization but studies how Chinese civilization came to be what it was and is, and why. Focus is not on memorization an assimilation of historical facts, but on the understanding of historical process.

Prerequisites: RHT and Foundation H&S and A&H

HSS2403 Latin American History Tues/Thurs 3:25-4:40pm

This course will be an introduction to the main themes, actors, and ideas in Latin American history. The central focus will be on Mexico, Central America, and the Caribbean, with an attempt to develop a comparative understanding of the Latin America's diversity, as well as common patterns, from pre-Columbian times to the present. In other words, this course is not an exhaustive history of Latin America; rather, it intends to develop familiarity with key concepts, developments, and issues in the region's history.

Prerequisites: RHT and Foundation H&S and A&H

LAW1300 BUSINESS LAW Multiple

This course is an introduction to the legal system. Survey of agency employment, torts, crimes, and contracts; formation, management, and financing of corporations and partnerships; sales; consumer protections; and securities law.

Prerequisite: NONE

MOB3578 Product Design and Development Mon/Wed 1:40-3:15pm

This integrated management and marketing course provides students with a solid fieldbased understanding of the fundamentals of conceiving, evaluating, developing and launching successful new products. Teams of students are assigned actual product design projects that are carried out in collaboration with participating client companies. The course deals with three key areas: capturing and defining customer needs, understanding and implementing good industrial design principles, and structuring and managing the development process. While the main focus is on manufactured products, the course also addresses the design of services and software products. Guest speakers and visits to design firms are art of the course

Prerequisites: Olin's Basic Business course

MOB3580 Negotiations Thurs 1:40-4:50pm

This course explores the many ways that individuals think about and practice conflict resolution. Students will have a chance to learn more about their won negotiating preferences and the consequences of the choices they make. The course requires both intensive involvement in negotiation and mediation simulations/exercises and thoughtful application of theory through class discussion and written analysis. Class materials will reflect a variety of contexts from the workplace, including interpersonal, global, and cross-cultural interactions.

Prerequisite: Olin's Basic Business course

PHO1100 Photography Wed 3:25-6:35pm

Introduction to the Art of Photography: While learning basic photography practice, students in this studio arts course will be introduced to the history and range of photographic practice, the ethics of representation, and the aesthetics of visual art forms.

Special equipment required - check with division.

Prerequisites: NONE

QTM3620 Operations Research Mon/Wed 1:40-2:55pm

The focus of this course is upon the development, solution, analysis, and implementation of optimization models and their applications within business, government, education, and sports. The topical emphasis is primarily upon mathematical programming, optimization of flows across networks, and the interrelationships between these two classes of methodologies. The learning process is oriented toward problem solving. There typically is a problem statement leading into each topic followed by the construction of a mathematical model, solution of the model, and the resulting analysis. Many of these illustrative examples are supplemented with the discussion of a journal article relating how a larger-than-classroom scaled model has been successfully implemented in practice.

Prerequisites: QTM2420 or QTM2421

Area	Course #	Sec #	Course Title	Instructors	Credits	Time	Location	Enroll Limits	Note
AHS	AHSE 0112	01	The Olin Conductorless Orchestra	Dabby	1	R 6:45-9:00p	AC305; AC318	none	Audition Required; See Description
AHS	AHSE 1122	01	The Wired Ensemble - Instruments, Voices, Players	Dabby	4	T 3-4:50p; R 10-11:50a	AC305; AC304	16	AHS Foundation
AHS	AHSE 1130	01	Seeing and Hearing: Communicating with Photographs, Video and Sound	Donis-Keller	4	MR 10-11:50a	AC313	14	AHS Foundation
AHS	AHSE 1199	01	Arts, Humanities, Social Science Foundation Topic: Islam and the West: Politics and Culture of Iran, Afghanistan and Pakistan	Abbas	4	T 3-4:50p; R 10-11:50a	AC213	16	AHS Foundation
AHS	AHSE 1199	02	Arts, Humanities, Social Science Foundation Topic: "The Play's the Thing": Shakespeare Through Film	Argyros	4	T 3-4:50p; R 10-11:50a	AC318	16	AHS Foundation
AHS	AHSE 1199	03	Arts, Humanities, Social Science Foundation Topic: Live to Write - Creative Writing Workshop	Shea	4	MR 10-11:50a	AC326	16	AHS Foundation
AHS	AHSE 1199	04	Arts, Humanities, Social Science Foundation Topic: Health and the Urban Environment	Goldoftas	4	MR 10-11:50a	AC218	16	AHS Foundation
AHS	AHSE 2199	01	Special Topics in Arts, Humanities, Social Sciences: Engineer's Orchestra II, Theory Instrumentation and Composition	Dabby	2	W 3-5:50p	AC305	10	Session II
AHS	AHSE 3199	01	AHS Capstone Preparatory Workshop	Epstein	1	n/a			
AHS	AHSE 4190	01	AHS Capstone	Lynch	4	W 1-3:50p	AC318	30	
DSN	ENGR 1200	01	Design Nature	Linder	4	MWR 4-5:50p	AC204; OC120	30	
DSN	ENGR 1200	02	Design Nature	Eris	4	MWR 4-5:50p	AC209; OC120	30	
DSN	ENGR 1200	03	Design Nature	Stolk	4	MWR 4-5:50p	AC206; OC120	30	
DSN	ENGR 3210	01	Sustainable Design	Linder	4	MR 1-2:50p	AC326	25	
DSN	ENGR 3299	01	Special Topics in Design Engineering: Product Design and Development	Sabin	4	MR 4-5:50p	AC326	25	
E!	AHSE 1500	01	Foundations of Business and Entrepreneurship	Bourne, Schiffman	4	TF 1-2:50p	AC328 / AC302	40	
E!	AHSE 3599	01	Special Topics in Business and Entrepreneurship: Technology and New Ventures	Schiffman	4	TR 4-5:35	AC113	20	
E!	AHSE 4590	01	Entrepreneurship Capstone	Bourne, Schiffman	2;4	M 3-4:50p	AC302	10	
E:Bio	ENGR 3600	01	Topics in Bioengineering	Sieminski	4	TF 10-11:50a	AC326	25	
E:Bio	ENGR 3610	01	Biomedical Materials	Chachra	4	MR 10-11:50a	AC413 / AC417	25	
E:C	ENGR 2510	01	Software Design	Jadud	4	MR 10-11:50a; W 4-5:50p	AC113	30	
E:C	ENGR 3520	01	Foundations of Computer Science	Downey	4	MR 10-11:50a	AC328	25	

Area	Course #	Sec #	Course Title	Instructors	Credits	Time	Location	Enroll Limits	Note
ME	ENGR 3340	01	Dynamics	Bingham	4	MR 1-2:50p	TBD	40	
ME	ENGR3399	01	Special Topics in Mechanical Engineering: Experimental Structural Dynamics	Lee	2	W 3-5:50p	AC109	6	Session II
MTH	MTH 2110	01	Discrete Math	Adams	4	MR 1-2:50p	AC213	40	
MTH	MTH 2120	01	Linear Algebra	Moody	2	MR 8-9:50a	AC328	48	Session I
MTH	MTH 2130	01	Probability and Statistics	Moody	2	MR 8-9:50a	AC328	48	Session II
MTH	MTH 2140	01	Differential Equations	Gospodinov	2	TF 8-9:50a	AC328	32	Session I
MTH	MTH 2140	02	Differential Equations	Gospodinov	2	TF 8-9:50a	AC328	32	Session II
MTH	MTH 3170	01	Nonlinear Dynamics and Chaos	Geddes	4	TF 8-9:50a	AC318	32	
1/2 Res OSS	ENGR, SCI, MTH 0097, AHSE 0197; AHSE 0597		Undergraduate Research Activity		varied				
1/2 Res OSS	ENGR, SCI, MTH 0098, AHSE 0198; AHSE 0598		Undergraduate Independent Study Activity		varied				
1/2 Res OSS	ENGR, SCI, MTH, AHSE 4198; AHSE 4598		Olin Self Study		2;4				
Other	AWAY1000	01	Study Away Program		12				Registration Required for those in APPROVED Study Away Programs
Other	MEC 1000	01	Fundamentals of Machine Shop Operations	Anderson	4 non-degree	MR 4-5:50p	AC104	tba	
SCI	SCI 1210	01	Principles of Modern Biology with Lab	Pratt, J	4	MR 1-2:50p; R 3-5:50p	AC417; AC406	22	
SCI	SCI 1410	01	Materials Science and Solid State Chemistry with Lab	Chachra	4	M 3-5:50; W 4-6:50p	AC417; AC413	18	
SCI	SCI 2130	01	Modern Physics	Holt	4	MR 1-2:50p	AC113	20	
SCI	SCI 2320	01	Organic Chemistry w/ Lab	Morse	4	TF 1-2:50p; W 4-6:50p	AC417/AC409	20	
X Reg			Immunology	Pratt, J (At Wellesley College)	4	TF 9:50-11:00a	Wellesley College		

Key:	ENGR / DSN Courses	ME	ECE	ICB or Genl Req	AHSE	SCI	Math	Academic Schedule												
	Mon				Tues				Wed											
8:00	MTH 2120 Linear Algebra Sess I	MTH 2130 Prob Stats Sess II						MTH 2140 Diff Equat'ns Section 01 = Sess I	MTH 3170 Nonlinear Dynamics and Chaos											
8:50																				
9:00				ENGR 3420 Intro Anal & Dig Comm				ENGR 3425 Analog VLSI						ENGR 3310 Transport Phenomena	ENGR 3410 Computer Architecture	ICB1 Tutorial sec 01 Physics (SH)	ICB1 Tutorial sec 03 Math (GG)	ICB1 Tutorial sec 02 Math (SA)		
9:50																				
10:00		AHSE 1130 Seeing & Hearing: Communicating with Photo, Video & Sound	AHSE 1199 sec 03 AHS Fnd: Live to Write	AHSE 1199 sec 04 AHS Fnd: Health and the Urban Environment		ENGR 3520 Fnd Computer Sci FOCs	ENGR 3710 Systems	ENGR 2510 Software Design	ENGR 3330 Mechanical Design	ENGR 3610 Biomedical Materials	ENGR 3600 Topics BioEngineering	ENGR 3899 Sp Top Thin Films Materials & Design of Exper	ENGR 3410 Computer Architecture	ICB 1 Studio sec 02 Calc & Physics	Wellesley College Immunology	ENGR 2210 sec 01 Prin of Engineering	ENGR 3310 Transport Phenomena			
10:50																				
11:00																				
11:50																				
12:00	ENGR1110; all sections Modeling & Control of Comp Systems				SCOPE							Open Meeting Time								
12:50																				
1:00	MTH 2110 Discrete Math	SCI 1210 Prin Modern Bio	ENGR 3499 ST Elec & Comp Eng: Nonlinear Circuit Analysis	ENGR 3340 Dynamics	ENGR 3210 Sustainable Design	SCI 2130 Modern Physics		AHSE 1500 Found. Of Bus. And E-ship	ENGR 1110 sec 02 Modeling & Control of Comp Systems	ICB 1 Studio sec 01 Math & Physics	ICB 1 Studio sec 03 Math & Physics	SCI 2320 Organic Chemistry	ENGR 2210 sec 02 Prin of Engineering	ENGR 3420 Intro Anal & Dig Comm	ENGR 1110 sec 03 Modeling & Control of Comp Systems	ICB1 Tutorial sec 01 Math (GG)	ICB1 Tutorial sec 02 Physics (RC)			AHSE 4190 AHS Capstone Project
1:50																				
2:00																				
2:50																				
3:00	SCI 1410 MatSci & Solid State Chemistry			AHSE 4590 Entrepreneurship Capsone																
3:50																				
4:00		ENGR 1200 section 01, 02, 03 Design Nature			MEC 1000 Machine Shop Operations MR 4-5:50p															
4:50																				
5:00																				
5:50																				
6:00																				
6:50																				

