

Olin College Registration Booklet

Spring 2006

Classes begin January 24, 2006

Volume 4, Number 2.1

**Olin College Registration Booklet
Spring 2006**

Registration: November 14, 15, 16, 17, 2005
Add Period: January 24 – February 6, 2006
First day of instruction: January 24, 2006
Drop Period Ends: April 4, 2006
Last day to Withdraw from a course: May 4, 2006
Last day of instruction: May 4, 2006
Exposition Ends: May 19, 2006

Olin College Inaugural Commencement: May 21, 2006

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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 once you have met and your learning plan is up-to-date. 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 Standing Committee on Study Away.

I am interested in doing Research and/or Independent Study next semester. How do I register?

Students interested in doing research and/or independent study can do so by applying to the Olin Self Study and Independent Study and Research Board (OSSISURB).

Students register for the OSSISURB activity after they have been granted approval. All applications must be approved for registration by end of the Add period.

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.

I am a SENIOR, what do I do about SCOPE and the Olin Self Study?

All seniors, expecting to graduate in May 2006, must register for the second semester of SCOPE. Register for the same section you were in during the fall 2005 semester.

Seniors must also register for the Olin Self Study if they have yet to complete 4 credits in the area of self study. Registration will occur after your proposal is accepted by OSSISURB, you do not need to register for a section during the original registration period. Consult the OSSISURB committee if you have self study questions.

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.

Babson College Cross Registration dates: begins November 28, 2005

You can find their offerings at <http://newton.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: begins November 28, 2005

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: begins November 28, 2005

You can find their offerings at <http://www.wellesley.edu/Registrar/menu.html>

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 January/February. 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 November 14-17, 2005 during the evening hours. Information regarding the groups will be sent **via email** no later than November 10, 2005.

(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 January 24, 2006 and end on February 6, 2006. 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 January 24, 2006 and ends April 4, 2006. 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.

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

*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 February 6, 2006. 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?

1. Log into the Web Registration system at <https://sis.olin.edu> .
2. Click the “For Students” Button on the bottom and enter the secure connection using your username and password.
3. Make sure your “Set Options” are selected for **SPRING 2006**. This can be done from the **MAIN** page at the bottom of the screen.
4. Select the **Registration** option from the directory structure on the left frame of the web page.
5. 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.
6. 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.)

7. 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.

Spring 2006 Supplement to Current Course Catalog

Degree requirements are outlined in the 2005-06 Course Catalog. You may view the on-line catalog at [2005-06 Course Catalog](#)

Course descriptions can also be found in the [2005-06 Course Catalog](#). Courses for Spring 2006 that have been approved after the catalog printing are listed below.

AHSE 2199

Special Topics in Arts, Humanities, Social Sciences: Everyday Life in South Asia, An Anthropological Introduction

Instructor(s): Lynch

Credits: 4 AHS

Hours: 4-0-8

NOTE: Taught at Wellesley College

This course is an anthropological introduction to some of the many peoples and cultures of South Asia, with an emphasis on India and Sri Lanka. It focuses on the daily lives and experiences of real people as portrayed in ethnographies, novels, and films. The course begins with the premise that examining the practice of everyday life provides insight into how people rejoice and struggle as they make sense of their worlds. The focus will be on the dynamics of power in which everyday lives are embedded. Topics include labor, gender, modernity, ethnicity, development, and globalization. Specific cases include practices of childbirth in South India, masculinity and ethnic identity in Sri Lanka, damming and displacement along the Narmada River, global garment production in Sri Lanka, and the Bhopal chemical disaster.

AHSE 2199A

Special Topics in Arts, Humanities, Social Sciences: Creative Writing

Instructor(s): Shea

Credits: 4 AHS

Hours: 4-0-8

The task of laying claim to one's own voice is central to the goals of a creative writing course. A generous willingness to respond honestly to the work of peers and to expose one's own work to such reactions is an essential prerequisite. This course introduces students to the art of creative writing through study of the poetic, creative non-fiction, and short fiction forms. The formal possibilities/limitations of the genres are considered, as we experiment with them. In the workshop, students share in the illimitable challenge presented by the writing and revision processes. They are encouraged to read for lessons of inspiration and to aspire to greatness. While the emphasis is always on the process as much as the product, students can expect weekly writing and reading assignments, as well as a final portfolio project, which might include staging an open-mic reading for the larger community. Students should also expect to attend an off-campus reading.

AHSE 2199B

Special Topics in Arts, Humanities, Social Sciences: Politics of the World Economy

Instructor(s): Wilcox

Credits: 4 AHS

Hours: 3-0-9

This course examines the politics of the world economy using two approaches. First, we study and assess the theoretical traditions that attempt to explain and predict the behavior of public and private institutions (states, corporations, etc.). We pay special attention to theories of cooperation and conflict and the problem of collective action at the international level, with in-depth discussions of the role of market economics and state intervention in domestic and international economies. The second approach concentrates on substantive issues in the world economy such as the implications of global production networks and divisions of labor. We will use these approaches to consider emerging world issues, such as environmental pollution, the politics of oil, human rights, poverty and debt, and the growing trade in conventional weapons. We conclude the course by asking whether the influence of the state in international politics is being eclipsed by other, non-state actors or by the process of globalization itself.

ENGR 3399

Special Topics in Mechanical Engineering: Microfluidics

Instructor(s): Storey

Credits: 2 ENGR

Hours: 2-0-4 (Full Semester)

Prerequisites: Transport Phenomena or permission of the instructor.

Just as microfabricated circuits revolutionized computation by increasing capacity and decreasing cost of performing calculations, microfluidics has the potential to do the same for "calculation" in biology and chemistry. Microfluidics, broadly defined as plumbing at a small scale, offer the promise of large scale automation of chemistry and biology experiments - including the ability to perform many rapid experiments in parallel.

The transport regimes of microfluidics are often distinct from their macro-scale counterparts in that the physics associated with micron scales can dominate including Brownian motion; diffusion-dominated fluxes of momentum, heat, and mass; breakdown of continuum assumptions; and situations where interface and surface effects dominate. This course will focus on understanding the role of these fundamental physics in a variety microfluidic applications. The course will start with the familiar equations of Newtonian fluid mechanics. We will review relevant aspects of electricity and magnetism preceding a study of electrowetting and electrokinetically driven liquid flows.

ENGR 3499

Special Topics in Electrical and Computer Engineering: Microelectromechanical Systems

Instructor(s): Mur-Miranda, D. Kerns

Credits: 4 ENGR

Hours: 4-0-8

Introduction to analysis, design and fabrication of microelectromechanical systems (MEMS). Students will learn design and analytical tools taken from an array of diverse fields, such as electrical engineering, mechanical engineering and materials science. Students will also learn basic fabrication techniques and material properties used in the creation of MEMS. Examples of system applications will be selected from a wide set of fields and may include energy harvesters, inertial sensors, chemical reactors, microturbine engines, cell sorters or micromirror displays.

ENGR 3699

Special Topics in BioEngineering: Cellular Bioengineering

Instructor(s): Sieminski

Credits: 4 ENGR

Hours: 4-0-8

This course aims to give students an appreciation of the power of using quantitative approaches to increasing our understanding of biological phenomena. Receptor-ligand binding will be considered and compared to experimental data to discuss mechanisms in cell signaling studies. Basic binding models will be expanded to consider the effect of forces in situations such as white blood cells rolling, detaching, and adhering during surveillance of blood vessels. We will consider the effects of forces from the molecular to the whole-cell level. How does pulling on a single protein change its binding kinetics and how might that change cell behavior? What can rheological measurements of actin solutions tell us about cellular behavior? These concepts will be explored to study the effect of forces in cellular processes such as migration, traction generation, differentiation, signaling and gene expression.

ENGR 3699 A

Special Topics in BioEngineering: BioTransport

Instructor(s): Sieminski

Credits: 4 ENGR

Hours: 4-0-8

Transport phenomena play a vital role in numerous biological processes. For example, the blood flow patterns arising from the particular geometry of branching blood vessels are thought to drive the formation of atherosclerotic plaques. Mass transport plays a role in events such as oxygenation of blood in the lungs and glomerular filtration in the kidneys as well as in drug delivery to tumors. This course will introduce fluid dynamics and mass transport concepts relevant to many biological, as well as non-biological, systems. We will first address topics such as conservation relations and the Navier-Stokes equations and then consider aspects of complex flows arising from the particular geometry of the circulatory system. Following the introduction of

mass transport, flow and solute transport through porous media will be examined. These quantitative relationships will then be used to understand biological examples. This course will be of value to students interested in BioEngineering as well as providing additional material for students who have taken Transport Phenomena and wish to further their transport experience.

ENGR 3899

Special Topics in Materials Science: Engineering Polymers

Instructor(s): Stolki

Credits: 4 ENGR

Hours: 4-0-8

Prerequisites: SCI 1410 Materials Science and Solid State Chemistry

One word: Plastics. In this course, we will examine structure-processing-property relationships in polymeric materials, with particular attention given to thermoplastics, thermosets, and elastomers used in structural engineering applications. Students will learn about polymer structure and morphology, transitions in polymers, the effects of chain morphology on thermal and mechanical properties, and the basic types of polymerization reactions. We will take a close look at elasticity and linear viscoelasticity, and consider the desired mechanical responses of polymeric components in engineering systems. Project work will focus on building clear understandings of the structure-property connections in common polymers, and identification and analysis of polymers in modern applications.

MTH 2199

Special Topics in Mathematics: Six Theorems that Changed the World

Instructor(s): Geddes

Credits: 2 MTH

Hours: 2-0-4 (Full semester)

Prerequisites: MTH2120: Linear Algebra

Mathematicians publish thousands of theorems every year, most of which are completely ignored and forgotten. Some theorems, however, eventually change life as we know it. One of the most familiar examples is the fundamental theorem of calculus, but there are plenty of others. We will discuss five theorems in terms of their significance, their scope, and their applicability. Students will be expected to contribute to class discussions, make presentations, and write a report on an additional theorem of their choosing.

SCI 2199

Special Topics in Physics: Relativity

Instructor(s): Holt

Credits: 2 SCI

Hours: 4-0-8 (1/2 semester)

This course will investigate the rationale for (and some of the important implications of) Einstein's Theory of Special Relativity. Special relativity provides a natural basis for classical Newtonian mechanics, and a means by which it can be reconciled with Maxwell's codification of electromagnetism. More superficially, the course will also introduce Einstein's General Theory of Relativity, and consider its implications for such exotica as Black Holes.

SCI 2399

Special Topics in Chemistry: Group Theory in Chemistry and its Applications

Instructor(s): Morse

Credits: 4 SCI

Hours: 4-0-8

Pre-requisite: SCI 1310 or permission of instructor

The course will assume no prior knowledge of group theory and will build up all the required mathematical tools within. Group theory will be used to explain molecular orbitals in both organic and inorganic molecules. This will allow for discussion and explanation of electronic structure, electronic transitions, and magnetism and the spectroscopies associated with them. While some inorganic chemistry and an understanding of bonding in molecules will be useful, the material will reinforce rather than assume a knowledge of those courses.

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.

SP2006 Course Offerings
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Area	Course #	Sec #	Course Title	Instructors	Credits	Meeting Pattern	Tentative Location	Enroll Limits	Notes
AHS	AHSE 0112	01	Olin Conductorless Orchestra	Dabby	1	R 6:45-9:00p	AC305	99	
AHS	AHSE 2112	01	Six Books that Changed the World	Martello	2	TF 10-11:50a	AC213	20	Session I; Waitlist Available
AHS	AHSE 2114	01	Science Fiction / Historical Content	Martello	2	TF 10-11:50a	AC213	20	Session II; Waitlist Available
AHS	AHSE 2199	01	Special Topics in AHS: Everyday Life in South Asia, An Anthropological Intro	Lynch	4	T 7:30-10:00p	Wellesley College	10	Transportation Can Be Provided; Waitlist Available
AHS	AHSE 2199A	01	Special Topics in AHS: Creative Writing	Shea	4	MR 10-11:50a	AC326	20	
AHS	AHSE 2199B	01	Special Topics in AHS: Politics of the World Economy	Wilcox	4	W 1-3:50p	AC213	20	
AHS	AHSE 4190	01	AHS Capstone	Martello; Dabby; Stein; Epstein	4	T 3-4:50p	AC109	40	
DSN	ENGR 2250	01	User Oriented Collaborative Design	Linder; Mur-Miranda	4	MR 1-3:50p	OC120; AC204	25	
DSN	ENGR 2250	02	User Oriented Collaborative Design	Eris; Lynch	4	MR 1-3:50p	OC120; AC206	25	
DSN	ENGR 2250	03	User Oriented Collaborative Design	Somerville; Schiffman	4	MR 1-3:50p	OC120; AC209	25	
DSN	ENGR 3210	01	Sustainable Design	Linder	4	TF 1-2:50p	AC318	25	
E!	AHSE 1500	01	Foundations of Business and Entrepreneurship	Bourne; Schiffman	4	TF 8-9:50a	AC109	40	
E!	AHSE 4590	01	E! Capstone	Bourne; Schiffman	2 or 4	W 1-2:50p	AC112	10	
E:Bio	ENGR 3699	01	Special Topics in BioEngineering: BioTransport	Sieminski	4	TF 2-2:50p; W 4-5:50p	AC326	25	
E:Bio	ENGR 3699A	01	Special Topics in BioEngineering: Cellular BioEngineering	Sieminski	4	TF 9-9:50a; W 9-10:50a	AC326	15	
E:C	ENGR 2510	01	Software Design	Downey	4	TF 10-10:50a; W 1-3:50p	AC318	25	Waitlist Available
E:C	ENGR 3520	01	Foundations of Computer Science	Stein	4	MR 10-11:50a	AC318	25	
E:C	ENGR 3520a	01	Foundations of Computer Science - Project	Stein	2	TBD		25	Optional Project
E:MS	ENGR 3899	01	Special Topics in Materials Science: Engineering Polymers	Stolk	4	MR 10-11:50a	AC413	25	
ECE	ENGR 2410	01	Signals and Systems	Dabby	4	TF 11-11:50a; W 4-5:50p	AC304	25	
ECE	ENGR 2420	01	Circuits & Microelectronics	Minch	4	TF 9-9:50a; W 9-10:50a	AC304	25	
ECE	ENGR 3430	01	Digital VLSI	Chang	4	TF 10-10:50a; W 1-2:50p	AC304	25	

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Area	Course #	Sec #	Course Title	Instructors	Credits	Meeting Pattern	Tentative Location	Enroll Limits	Notes
ECE	ENGR 3499	01	Special Topics in Electrical & Computer Engineering: Micro Electro-mechanical Systems	Mur-Miranda; D. Kerns	4	MR 9-9:50a; T 3-4:50p	AC304	25	
ENGR	ENGR 2210	01	Principles of Engineering	Bingham; Minch	4	TF 1-2:50p	AC306	25	
ENGR	ENGR 3390	01	Robotics	Pratt, G	4	TF 1-2:50p	AC309	28	Time May Change
ENGR	ENGR 4190	01-13	Senior Consulting Program for Engineering (SCOPE)	Townsend; Linder; Barrett; Downey; Pratt, G; Chang; Somerville	4	TR 12-12:50p	OC120	70	Register for SAME section as you are enrolled for Fall 2005; Each section is a different project;
ICB	ICB2 / ENGR 1120	01	Engineering of Spatially Distributed Systems	Pratt, G; Storey	3	M 11-11:50; W 1-2:50p	OC120; AC126	28	
ICB	ICB2 / ENGR 1120	02	Engineering of Spatially Distributed Systems	Pratt, G; Storey	3	M 11-11:50; M 1-2:50p	OC120; AC126	28	
ICB	ICB2 / ENGR 1120	03	Engineering of Spatially Distributed Systems	Pratt, G; Storey	3	M 11-11:50; R 1-2:50p	OC120; AC126	28	
ICB	ICB2 / MTH 1120 & SCI 1120 Lecture	01	Integrated Course Block: Vector Calculus & Physics Lecture	Tilley; Christianson	0	M 10-10:50; W 9-9:50; R 10-11:50a	OC120; AC109	39	
ICB	ICB2 / MTH 1120 & SCI 1120 Lecture	02	Integrated Course Block: Vector Calculus & Physics Lecture	Tilley; Christianson	0	MW 10-10:50; R 10-11:50	OC120; AC109	39	
ICB	ICB2 / MTH 1120 & SCI 1120 Studio	01	Vector Calculus and Physics: Electromagnetism and Waves (Studio)	Tilley; Christianson; Geddes; Holt	5	MR 1-2:50p	AC113	28	
ICB	ICB2 / MTH 1120 & SCI 1120 Studio	02	Vector Calculus and Physics: Electromagnetism and Waves (Studio)	Tilley; Christianson; Geddes; Holt	5	MR 3-4:50p	AC113	28	
ICB	ICB2 / MTH 1120 & SCI 1120 Studio	03	Vector Calculus and Physics: Electromagnetism and Waves (Studio)	Tilley; Christianson; Geddes; Holt	5	MR 3-4:50p	AC126	28	
ME	ENGR 3320	01	Mechanics of Solids and Structures	Lee	4	MR 11-11:50a; T 3-4:50p	AC309	25	
ME	ENGR 3330	01	Mechanical Design	Barrett	4	T 10-11:50a; F 9-11:50a	AC309	20	
ME	ENGR 3350	01	Thermodynamics	Townsend	4	MR 10-10:50a; W 1-2:50p	AC113	25	
ME	ENGR 3370	01	Controls	Bingham	4	TF 10-11:50a	AC326	15	Waitlist Available
ME	ENGR 3380	01	Design for Manufacturing	Sabin	4	MR 3-4:50p	AC309	25	
ME	ENGR 3399	01	Special Topics in Mechanical Engineering: Microfluidics	Storey	2	R 3-4:50p	AC326	25	Full Semester Course
MTH	MTH 2120	01	Linear Algebra	Moody	2	MR 8-9:50a	AC328	30	Session I

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Area	Course #	Sec #	Course Title	Instructors	Credits	Meeting Pattern	Tentative Location	Enroll Limits	Notes
MTH	MTH 2130	01	Probability and Statistics	Moody	2	MR 8-9:50a	AC328	30	Session II
MTH	MTH 2140	01	Differential Equations	Moody	2	TF 8-9:50a	AC328	30	Session I
MTH	MTH 2199	01	Special Topics in Mathematics: Six Theorems that Changed the World	Geddes	2	W 9-10:50a	AC213	20	Full Semester Course
MTH	MTH 3140	01	Error Control Codes	Adams	4	MR 4-5:50p	AC318	25	Course counts as 2 credits in MTH and 2 credits in ENGR; Waitlist Available
MTH	MTH 3170	01	Nonlinear Dynamics and Chaos	Geddes	4	MR 8-9:50a	AC326	25	Waitlist Available
OSS	ENGR, SCI, MTH, AHSE 4198; AHSE 4598		Olin Self Study	varied	2;4				Register through OSSISURB
SCI	SCI 1210	01	Principles of Modern Biology with Lab	Donis-Keller	4	TF 10-11:50a; W 1-3:50p	AC417; AC406	18	
SCI	SCI 1210	02	Principles of Modern Biology with Lab	Pratt, J	4	TF 1-2:50p; T 3-5:50p	AC417; AC406	18	
SCI	SCI 1410	01	Materials Science and Solid State Chemistry with Lab	Chachra	4	T 10-11:50a; W 1-3:50p; F 12-12:50p	AC413; F AC218	18	
SCI	SCI 1410	02	Materials Science and Solid State Chemistry with Lab	Chachra	4	T 1-2:50p; W 4-6:50p; F 12-12:50p	AC413; F AC218	18	
SCI	SCI 2199	01	Special Topics in Physics: Relativity	Holt	2	TBD	AC213	15	Session I; Time will be arranged after registration
SCI	SCI 2320	01	Organic Chemistry with Lab	Morse	4	TF 1-2:50; W 4-6:50p	AC213; AC409	30	Additional lab section may be required based on enrollment
SCI	SCI 2399	01	Special Topics in Chemistry: Group Theory in Chemistry and its Applications	Morse	4	MR 10-11:50a	AC213	25	Intro Chemistry Strongly Suggested as Prerequisite
	AWAY 1000	01	Study Away Program		12				Registration Required for those with APPROVED programs.
	MEC 1000	01	Fundamentals of Machine Shop Operations	Anderson	4 non-degree	MR 4-5:50p	AC104	tba	

Key:	ENGR / DSN Courses	ME	ECE	ICB or Genl Req	Math	AHSE	SCI			Academic Schedule											
	Mon						Tues						Wed								
8:00	MTH 2120 Linear Algebra Sess I	MTH 2130 Prob Stats Sess II																			
8:50																					
9:00			ENGR 3499 SpecTopic ECE: MEMs																		
9:50																					
10:00																					
10:50	AHSE 2199A	SCI 2399 Special Topics in Chemistry: Group Theory	ICB2: VecCalc & Physics Lecture -ALL		ENGR 3350 Thermodyn amics	ENGR 3899	ENGR 3520														
11:00	Creative Writing				ENGR 3320 Mech Solids Struct	ENGR Polymers															
11:50			ENGR1120; all sections Modeling & Control of Distributed Systems Systems																		
12:00																					
12:50																					
1:00	ICB 2 STUDIO -01 VecCalc & Physics	ENGR 1120 - 02 Mod & Control Distribute d Systems		ENGR 2250 all sections																	
1:50																					
2:00				UOCD																	
2:50																					
3:00	ICB 2 STUDIO -02 VecCalc & Physics	ICB 2 STUDIO -03 VecCalc & Physics	ENGR 3380																		
3:50																					
4:00					MTH 3140 Error Control Codes	MEC 1000 Machine Shop Operations															
4:50																					
5:00																					
5:50																					
6:00																					
6:50																					

		ENGR / DSN Courses		ME	ECE	ICB or Genl Req	Math	AHSE	SCI								
Thurs						Fri											
MTH 2120 Linear Algebra Sess I	MTH 2130 Prob Stats Sess II		MTH 3170 Nonlinear Dynamics and Chaos								8:00						
		ENGR 3499 SpecTopic ECE: MEMs									8:50						
											9:00						
											9:50						
AHSE 2199A Creative Writing	SCI 2399 Special Topics in Chemistry: Group Theory	ICB2: VecCalc & Physics Lecture - ALL	ENGR 3350 Thermodynamics	ENGR 3899 Spec Top Mat Sci: Engr Polymers	ENGR 3520 Foundations of Computer Science						10:00						
			ENGR 3320 Mech Solids Struct			SCI 1210-01 Prin Modern Bio	ENGR 3430 Digital VLSI	ENGR 2510 Software Design	ENGR 3370 Controls	ENGR 3330 Mechanica I Design	AHSE 2112 Six Books Session I	AHSE 2114 Sci Fiction Session II	10:50				
							ENGR 2410 Signals & Systems						11:00				
													11:50				
SCOPE Tues/Thurs 12-1pm													12:00				
							SCI 1410-01 and 02 Mat Sci										12:50
ICB 2 STUDIO -01 VecCalc & Physics	ENGR 1120-03 Mod & Control Distributed Systems			ENGR 2250 all sections UOCD	SCI 2199 Special Topics in Physics: Relativity Time TBD Session I	SCI 1210-02 Prin Modern Bio		SCI 2320 Organic Chemistry	ENGR 2210-01 Prin of Engineering	ENGR 3210 Sustainable Design	ENGR 3390 Robotics		1:00				
													1:50				
													2:00				
													2:50				
ICB 2 STUDIO -02 VecCalc & Physics	ICB 2 STUDIO -03 VecCalc & Physics	ENGR 3380 Design for Manufacturing	ENGR 3399 Spec Top ME: Microfluidics										3:00				
													3:50				
													4:00				
				MTH 3140 Error Control Codes	MEC 1000 Machine Shop Operations	Community Service							4:50				
																	5:00
																	5:50
													6:00				
AHSE 0112 Olin Conductorless Orchestra 6:45-9:00pm													6:50				