

Web Address - <http://www.registrar.caltech.edu/>

## KEY TO ABBREVIATIONS

### LOCATIONS

ANB	Annenberg Center for Information Science and Technology	L+R	Linde + Robinson Laboratory for Global Environmental Science
ARM	Arms Laboratory of Geological Sciences	LAU	Lauritsen Physics Laboratory
AVE	Avery House	MEAD	Undergraduate Chemistry Laboratory
BAC	Braun Athletic Center	MRE	Moore Laboratory
BAX	Baxter Hall of Humanities and Social Services	NMD	North Mudd Building of Geological Sciences
BBB	Beckman Laboratory of Behavioral Biology	NYS	Noyes Laboratory of Chemical Physics
BCK	Beckman Institute	NewMedia	NewMedia Classroom
BRD	Broad Center	OCCI	Occidental College
BRG	Bridge Laboratory of Physics	POLY	Polytechnic School
BRN	Braun Laboratory	PR	Public Relations
BRW	Brown Gym	PWL/BTH	Powell/Booth Laboratory
CHL	Cahill Center for Astronomy and Astrophysics	ROB	Robinson Laboratory of Astrophysics
CHR	Church Laboratory of Chemical Biology	SAC	Student Activities Center
CRL	Crellin Chemistry Laboratory	SCH	Schlinger Laboratory
DAB	Dabney Hall of Humanities	SFL	Sherman Fairchild Library
DWN	Downs Physics Laboratory	SLN	Sloan Laboratory of Mathematics and Physics
FIR	Firestone Flight Science Laboratory	SMD	South Mudd Building of Geophysics and Planetary Sciences
FLM	Fleming House	SPL	Spalding Laboratory of Chemical Engineering
GTS	Gates Chemical Laboratory	STL	Steele Laboratory of Electrical Engineering
GUG	Guggenheim Laboratory	STUD	Center for Student Services
JRG	Jorgensen Laboratory for Information Science	TCT	Theater Arts at Caltech (TACIT)
KAR	Karman Laboratory	TOM	Thomas Engineering Laboratory
KCK	Keck Engineering Laboratory	WAT	Watson Laboratory of Applied Physics
KLG	Kellogg Radiation Laboratory	WINN	Winnett Center
KRK	Kerckhoff Laboratory of Biological Sciences	YHC	Young Health Center

### GRADING SCHEME

G = Grades Only  
 P = Pass/Fail Only  
 Blank = Grades/may exercise P/F

### TIMES/LOCATION/UNITS

A = Hours/Location to be Arranged  
 + = Units to be Arranged  
 OM = Organizational Meeting

### DAYS OF THE WEEK

M = Monday  
 T = Tuesday  
 W = Wednesday  
 R = Thursday  
 F = Friday  
 S = Saturday  
 U = Sunday

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>AERONAUTICS</b>							
Ae 100	+	Research in Aerospace	01	Culick, F	A	A	P
			02	McKeon, B	A	A	P
			03	Dabiri, J	A	A	P
			04	Leonard, A	A	A	P
			05	Pellegrino, S	A	A	P
			06	Blanquart, G	A	A	P
			07	Shepherd, J	A	A	P
			08	Gharib, M	A	A	P
			09	Meiron, D	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Colonus, T	MWF 10:00 - 10:55	101 GUG	
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with ME 65</i>	01	Ortiz, M	TR 09:00 - 10:25	101 GUG	G
Ae/APh 104A	3-0-6	Experimental Methods	01	McKeon, B	TR 10:30 - 11:55	202 GUG	
Ae 105A	3-0-6	Aerospace Engineering	01	Davis, G / Kim, Y	A	A	G
Ae 121A	3-0-6	Space Propulsion	01	Polk, J	A	A	
Ae 150A	1-0-0	Aerospace Engineering Seminar	01	McKeon, B	M 13:00 - 13:55	101 GUG	P
EE/Ae 157A	3-0-6	Introduction to the Physics of Remote Sensing	01	van Zyl, J	MR 13:00 - 14:25	A	
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>updated class time</i>	01	Kochmann, D	TR 14:30 - 15:55	A	G
Ae 200	+	Advanced Research in Aerospace	01	Bhattacharya, K	A	A	P
			02	McKeon, B	A	A	P
			03	Blake, G	A	A	P
			04	Dimotakis, P	A	A	P
			05	Gharib, M	A	A	P

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<b>AERONAUTICS</b>										
Ae 200	+	Advanced Research in Aerospace	06	Hornung, H	A	A	P			
			07	Leonard, A	A	A	P			
			08	Daraio, C	A	A	P			
			09	Ortiz, M	A	A	P			
			10	Pellegrino, S	A	A	P			
			11	Pullin, D	A	A	P			
			12	Ravichandran, G	A	A	P			
			13	Rosakis, A	A	A	P			
			14	Dabiri, J	A	A	P			
			15	Colonius, T	A	A	P			
			16	Shepherd, J	A	A	P			
			17	Blanquart, G	A	A	P			
			18	Lapusta, N	A	A	P			
			19	Troian, S	A	A	P			
			20	Schneider, T	A	A	P			
			21	Greer, J	A	A	P			
			22	Andrade, J	A	A	P			
			23	Kochmann, D	A	A	P			
			24	Gurnis, M	A	A	P			
			25	Minnich, A	A	A	P			
			26	Johnson, J	A	A	P			
			Ae 201A	3-0-6	Advanced Fluid Mechanics	01	Pullin, D	MWF 09:00 - 09:55	101 GUG	
			Ae 208A	1-0-0	GALCIT Colloquium	01	Dabiri, J / Kochmann, D	F 15:00 - 15:55	101 GUG	P
			Ae/AM/MS/ME 213	3-0-6	Mechanics and Materials Aspects of Fracture	01	Gdoutos, E	A	A	
			Ae 240	+	Special Topics in Fluid Mechanics	01	McKeon, B	A	A	P
			<b>ANTHROPOLOGY</b>							

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<b>ANTHROPOLOGY</b>							
H/An 123	3-0-6	Anthropological Demography <i>Open by lottery only - See REGIS home page for details // Maximum enrollment: 15 students // Pending Faculty Board approval</i>	01	Jennings, J	TR 14:30 - 15:55	A	G
<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
ACM095A	4-0-8	Introductory Methods of Applied Mathematics	01	Pierce, N	MWF 11:00 - 11:55 T 11:00 - 11:55	119 KRK 11 DWN	
			02	Pierce, N	MWF 11:00 - 11:55 W 10:00 - 10:55	119 KRK 106 ANB	
			03	Pierce, N	MWF 11:00 - 11:55 M 10:00 - 10:55	119 KRK 106 ANB	
			04	Pierce, N	MWF 11:00 - 11:55 W 09:00 - 09:55	119 KRK 106 ANB	
			05	Pierce, N	MWF 11:00 - 11:55 W 13:00 - 13:55	119 KRK 314 ANB	
			06	Pierce, N	MWF 11:00 - 11:55 T 13:00 - 13:55	119 KRK 11 DWN	
			07	Pierce, N	MWF 11:00 - 11:55 T 14:00 - 14:55	119 KRK 119 DWN	
			08	Pierce, N	MWF 11:00 - 11:55 M 15:00 - 15:55	119 KRK 22 GTS	
			09	Pierce, N	MWF 11:00 - 11:55 R 16:00 - 16:55	119 KRK 119 DWN	
			10	Pierce, N	MWF 11:00 - 11:55 M 14:00 - 14:55	119 KRK House STL	
			11	Pierce, N	MWF 11:00 - 11:55 T 16:00 - 16:55	119 KRK 119 DWN	
			12	Pierce, N	MWF 11:00 - 11:55	119 KRK	
ACM100A	4-0-8	Introductory Methods of Applied Mathematics	01	Pierce, N	MWF 11:00 - 11:55 T 11:00 - 11:55	119 KRK 11 DWN	
			02	Pierce, N	MWF 11:00 - 11:55 W 10:00 - 10:55	119 KRK 106 ANB	

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<b>APPLIED &amp; COMPUTATIONAL MATH</b>										
ACM100A	4-0-8	Introductory Methods of Applied Mathematics	03	Pierce, N	MWF 11:00 - 11:55 M 10:00 - 10:55	119 KRK 106 ANB				
			04	Pierce, N	MWF 11:00 - 11:55 W 09:00 - 09:55	119 KRK 106 ANB				
			05	Pierce, N	MWF 11:00 - 11:55 W 13:00 - 13:55	119 KRK 314 ANB				
			06	Pierce, N	MWF 11:00 - 11:55 T 13:00 - 13:55	119 KRK 11 DWN				
			07	Pierce, N	MWF 11:00 - 11:55 T 14:00 - 14:55	119 KRK 119 DWN				
			08	Pierce, N	MWF 11:00 - 11:55 M 15:00 - 15:55	119 KRK 27 GTS				
			09	Pierce, N	MWF 11:00 - 11:55 R 16:00 - 16:55	119 KRK 119 DWN				
			10	Pierce, N	MWF 11:00 - 11:55 M 14:00 - 14:55	119 KRK House STL				
			11	Pierce, N	MWF 11:00 - 11:55 T 16:00 - 16:55	119 KRK 119 DWN				
			12	Pierce, N	MWF 11:00 - 11:55	119 KRK				
			ACM101A	3-0-6	Methods of Applied Mathematics I <i>change in class times</i>	01	Bruno, O	TR 14:30 - 15:55	105 ANB	
			ACM104	3-0-6	Linear Algebra and Applied Operator Theory <i>taught concurrently with AM 125A &amp; CDS201</i>	01	Beck, J	TR 10:30 - 11:55	105 ANB	
ACM106A	3-0-6	Introductory Methods of Computational Mathematics	01	Ames, B	TR 13:00 - 14:25	105 ANB				
ACM/EE 116	3-0-6	Introduction to Stochastic Processes and Modeling <i>change in class time</i>	01	Owhadi, H	TR 09:00 - 10:25	105 ANB				
Ma/ACM 142	3-0-6	Ordinary and Partial Differential Equations	01	Frank, R	MWF 10:00 - 10:55	159 SLN				

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<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
Ma/ACM 144A	3-0-6	Probability	01	Alberts, T	TR 10:30 - 11:55	153 SLN	
ACM190	+	Reading and Independent Study	01	Hou, Y	A	A	P
			02	Hassibi, B	A	A	P
			03	Espanol, M	A	A	P
			04	Heaton, T	A	A	P
ACM217	3-0-6	Advanced Topics in Stochastic Analysis <i>Maximum enrollment: 28 students</i>	01	Tropp, J	MW 14:30 - 15:55	213 ANB	G
ACM290	1-0-0	Applied and Computational Mathematics Colloquium <i>open to graduate students only</i>	01	Chandrasekaran, V	M 16:15 - 16:55	105 ANB	P
ACM300	+	Research in Applied and Computational Mathematics	01	Bruno, O	A	A	P
			02	Chandrasekaran, V	A	A	P
			03	Desbrun, M	A	A	P
			04	Hou, Y	A	A	P
			06	Meiron, D	A	A	P
			07	Pierce, N	A	A	P
			08	Schroeder, P	A	A	P
			09	Owhadi, H	A	A	P
			10	Tropp, J	A	A	P
			11	Ho, T	A	A	P
			12	Hassibi, B	A	A	P
			<b>APPLIED MECHANICS</b>				
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with ME 65</i>	01	Ortiz, M	TR 09:00 - 10:25	101 GUG	G
AM 125A	3-0-6	Engineering Mathematical Principles <i>taught concurrently with ACM104 &amp; CDS201</i>	01	Beck, J	TR 10:30 - 11:55	105 ANB	G
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	A	A	P

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<b>APPLIED MECHANICS</b>							
AM/CE 151A	3-0-6	Dynamics and Vibration <i>taught concurrently with ME 66</i>	01	Heaton, T	MWF 10:00 - 10:55	306 TOM	G
AM 200	+	Special Problems in Advanced Mechanics	01	Staff	A	A	P
Ae/AM/MS/ME 213	3-0-6	Mechanics and Materials Aspects of Fracture	01	Gdoutos, E	A	A	
AM 250	+	Research in Applied Mechanics	01	Beck, J	A	A	P
			02	Bhattacharya, K	A	A	P
			04	Andrade, J	A	A	P
			05	Avouac, J	A	A	P
			08	Murray, R	A	A	P
			09	Ortiz, M	A	A	P
			10	Phillips, R	A	A	P
			11	Ravichandran, G	A	A	P
<b>APPLIED PHYSICS</b>							
APh/EE 009A	2-2-2	Solid-State Electronics for Integrated Circuits	01	Scherer, A / Potter, K	TR 13:00 - 13:55	070 MRE	
APh078A	0-9-0	Senior Thesis, Experimental	01	Painter, O	A	A	G
			02	Vahala, K	A	A	G
			03	Atwater, H	A	A	G
			04	Scherer, A	A	A	G
			05	Bellan, P	A	A	G
			06	Phillips, R	A	A	G
			07	Troian, S	A	A	G
			09	Lewis, N	A	A	G
			APh079A	0-9-0	Senior Thesis, Theoretical	01	Troian, S
APh100	+	Advanced Work in Applied Physics	01	Phillips, R	A	A	P
			02	Vahala, K	A	A	P
			03	Scherer, A	A	A	P

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<b>APPLIED PHYSICS</b>							
APh100	+	Advanced Work in Applied Physics	04	Troian, S	A	A	P
			06	Atwater, H	A	A	P
			07	Roukes, M	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Colonius, T	MWF 10:00 - 10:55	101 GUG	
Ae/APh 104A	3-0-6	Experimental Methods	01	McKeon, B	TR 10:30 - 11:55	202 GUG	
APh/MS 105A	3-0-6	States of Matter	01	Johnson, W	MW 13:00 - 14:25	104 WAT	G
APh109	0-6-3	Introduction to the Micro/Nanofabrication Lab	01	Troian, S / Ghaffari, A	R 19:00 - 19:55	104 WAT	
APh110	2-0-0	Topics in Applied Physics	01	Bellan, P	M 12:00 - 12:55	104 WAT	P
APh114A	3-0-6	Solid-State Physics	01	Schwab, K	MWF 09:00 - 09:55	104 WAT	
Ph/APh/EE/BE 118A	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	
MS/APh 120	3-0-6	Diffraction and Structure	01	Fultz, B	TR 09:00 - 10:25	104 WAT	
MS/APh 122	0-3-0	Diffraction, Imaging, and Structure <i>Maximum enrollment: 8 students</i>	01	Fultz, B / Garland, C	OM,T 13:00 - 13:55	042 KCK	
APh/EE 130	3-0-6	Electromagnetic Theory	01	Crosignani, B	TR 09:00 - 10:25	080 MRE	
APh156A	3-0-6	Plasma Physics <i>Make-up class on Fridays, 2:30-4pm in 104 Watson</i>	01	Bellan, P	MW 16:00 - 17:25	104 WAT	G
APh190A	3-0-6	Quantum Electronics <i>Class cancelled</i>	01	Staff	A	A	



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<b>APPLIED PHYSICS</b>							
APh200	+	Applied Physics Research	01	Atwater, H	A	A	P
			02	Desbrun, M	A	A	P
			03	Bellan, P	A	A	P
			04	Snyder, G	A	A	P
			05	Trojan, S	A	A	P
			06	Fultz, B	A	A	P
			07	Johnson, W	A	A	P
			08	Chen, Y	A	A	P
			10	Refael, G	A	A	P
			11	Goddard, W	A	A	P
			12	Faraon, A	A	A	P
			13	Hsieh, D	A	A	P
			14	Preskill, J	A	A	P
			15	Faraon, A	A	A	P
			20	Painter, O	A	A	P
			21	Phillips, R	A	A	P
			24	Roukes, M	A	A	P
			26	Scherer, A	A	A	P
			30	Heath, J	A	A	P
			31	Vahala, K	A	A	P
32	Yariv, A	A	A	P			
33	Motrunich, O	A	A	P			
41	Schwab, K	A	A	P			
42	Lewis, N	A	A	P			
Ph/APh 223A	3-0-6	Advanced Condensed-Matter Physics	01	Yeh, N	MW 11:00 - 12:25	107 DWN	
APh300	+	Thesis Research in Applied Physics	01	Atwater, H	A	A	P
			02	Fultz, B	A	A	P
			03	Bellan, P	A	A	P
			04	Snyder, G	A	A	P
			05	Yariv, A	A	A	P
			06	Johnson, W	A	A	P

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<b>APPLIED PHYSICS</b>							
Aph300	+	Thesis Research in Applied Physics	07	Flagan, R	A	A	P
			08	Trojan, S	A	A	P
			09	Painter, O	A	A	P
			10	Desbrun, M	A	A	P
			15	Phillips, R	A	A	P
			16	Daraio, C	A	A	P
			18	Roukes, M	A	A	P
			20	Scherer, A	A	A	P
			24	Vahala, K	A	A	P
			27	Painter, O	A	A	P
			28	Schwab, K	A	A	P
			29	Chen, Y	A	A	P
<b>ART HISTORY</b>							
Art068	3-0-6	Modern Art <i>Maximum enrollment: 15 students</i>	01	Robbins, C	TR 02:30 - 03:55	A	G
Art/H 153	3-0-6	West Coast Art since the Sixties <i>Maximum enrollment: 15 students</i>	01	Robbins, C	TR 10:30 - 11:55	A	G
Art169	3-0-6	The Arts of Dynastic China <i>Maximum enrollment: 40 students</i>	01	Wolfgram, J	OM,M 16:00 - 16:55	A	G
<b>ASTROPHYSICS</b>							
Ay 043	+	Reading in Astronomy and Astrophysics	01	Scoville, N	A	A	P
Ay 078A	9-0-0	Senior Thesis	01	Steidel, C	A	A	P
			02	Hillenbrand, L	A	A	P
			03	Prince, T	A	A	P
			04	Ellis, R	A	A	P
			05	Cohen, J	A	A	P
			06	Hopkins, P	A	A	P
			07	Readhead, A	A	A	P
			08	Scoville, N	A	A	P

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<b>ASTROPHYSICS</b>							
Ay 078A	9-0-0	Senior Thesis	09	Ott, C	A	A	P
			10	Martin, C	A	A	P
Ay 101	3-2-6	Physics of Stars	01	Hillenbrand, L	OM,M 09:00 - 09:55	219 CHL	
Ay 111A	3-0-0	Introduction to Current Astrophysics Research	01	Scoville, N	OM,M 09:00 - 09:55	219 CHL	
Ay 121	3-0-6	Radiative Processes	01	Hallinan, G / Ott, C	OM,M 09:00 - 09:55	219 CHL	
Ay 122A	3-0-6	Astronomical Measurements and Instrumentation	01	Cohen, J / Steidel, C	OM,M 09:00 - 09:55	219 CHL	
Ay 123	3-0-6	Structure and Evolution of Stars	01	Ellis, R	OM,M 09:00 - 09:55	219 CHL	
Ge/Ay 133	3-0-6	The Formation and Evolution of Planetary Systems	01	Knutson, H	MWF 14:00 - 14:55	176 SMD	
Ay 141A	1-0-2	Research Conference in Astronomy	01	Cohen, J / Sargent, A	F 16:00 - 16:55	370 CHL	P
Ay 142	+	Research in Astronomy and Astrophysics	02	Martin, C	A	A	P
			03	Brown, M	A	A	P
			04	Hirata, C	A	A	P
			05	Hopkins, P	A	A	P
			06	Djorgovski, S	A	A	P
			07	Ellis, R	A	A	P
			08	Hillenbrand, L	A	A	P
			09	Readhead, A	A	A	P
			10	Kulkarni, S	A	A	P
			11	Scoville, N	A	A	P
			12	Hallinan, G	A	A	P
			13	Ott, C	A	A	P
			14	Prince, T	A	A	P
			17	Sargent, A	A	A	P

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<b>ASTROPHYSICS</b>							
Ay 142	+	Research in Astronomy and Astrophysics	19	Stevenson, D	A	A	P
			21	Steidel, C	A	A	P
			25	Blake, G	A	A	P
			26	Soifer, B	A	A	P
			27	Zmuidzinas, J	A	A	P
			28	Johnson, J	A	A	P
			29	Harrison, F	A	A	P
Ay 143	+	Reading and Independent Study	01	Steidel, C	A	A	P
			02	Hallinan, G	A	A	P
<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
BMB/Bi/Ch 170A	3-1-5	Biochemistry and Biophysics of Macromolecules and Molecular Assemblies	01	Clemons, W	TR 10:30 - 11:55	151 CRL	G
BMB/Ch 178	3-0-6	Enzyme Kinetics and Mechanisms	01	Shan, S	WF 10:30 - 11:55	101 SCH	
BMB/Ch 202A	1-0-0	Biochemistry Seminar Course <i>Most sessions will take place on Thursdays. Specific dates TBA and will coincide with the dates of the Biochemistry Seminars. Students will meet with the Biochemistry seminar speaker in the discussion session for an hour and then attend the seminar at 4pm.</i>	01	Clemons, W	R 12:00 - 12:55	370 BRN	P
Bi/BMB 251A	1-0-0	Current Research in Cellular and Molecular Biology	01	Hay, B	W 12:00 - 12:55	24 BBB	P
BMB299	+	Graduate Research	01	Arnold, F	A	A	P
			02	Bjorkman, P	A	A	P
			03	Hoelz, A	A	A	P
			04	Campbell, J	A	A	P
			05	Phillips, R	A	A	P
			06	Davidson, E	A	A	P
			07	Dervan, P	A	A	P
			08	Dougherty, D	A	A	P

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<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
BMB299	+	Graduate Research	09	Fraser, S	A	A	P
			10	Goddard, W	A	A	P
			11	Hsieh-Wilson, L	A	A	P
			12	Jensen, G	A	A	P
			13	Baltimore, D	A	A	P
			14	Davis, M	A	A	P
			15	Mayo, S	A	A	P
			16	Parker, C	A	A	P
			17	Hay, B	A	A	P
			18	Leadbetter, J	A	A	P
			19	Chan, D	A	A	P
			20	Cai, L	A	A	P
			21	Newman, D	A	A	P
			22	Kennedy, M	A	A	P
			23	Elowitz, M	A	A	P
			24	Patterson, P	A	A	P
			25	Lester, H	A	A	P
			26	Sternberg, P	A	A	P
			27	Meyerowitz, E	A	A	P
			28	Shan, S	A	A	P
			29	Wold, B	A	A	P
			30	Dunphy, W	A	A	P
			31	Heath, J	A	A	P
			32	Gray, H	A	A	P
			33	Gharib, M	A	A	P
			34	Rees, D	A	A	P
			35	Tirrell, D	A	A	P
			36	Barton, J	A	A	P
			37	Clemons, W	A	A	P
			38	Leadbetter, J	A	A	P
			39	Murray, R	A	A	P
			40	Mazmanian, S	A	A	P
			41	Baltimore, D	A	A	P

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<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
BMB299	+	Graduate Research	42	Wang, Z	A	A	P
			43	Pierce, N	A	A	P
			44	Roukes, M	A	A	P
			45	Gray, H	A	A	P
			46	Varshavsky, A	A	A	P
			47	Goentoro, L	A	A	P
			48	Greer, J	A	A	P
			49	Anderson, D	A	A	P
			<b>BIOENGINEERING</b>				
BE 098	+	Undergraduate Research in Bioengineering <i>If your research advisor does not appear below, please contact the Office of the Registrar.</i>	01	Arnold, F	A	A	P
			02	Davidson, E	A	A	P
			03	Burdick, J	A	A	P
			04	Sternberg, P	A	A	P
			05	Kennedy, M	A	A	P
			07	Gharib, M	A	A	P
			08	Hajimiri, S	A	A	P
			09	Heath, J	A	A	P
			10	Lester, H	A	A	P
			12	Pierce, N	A	A	P
			14	Ponce, A	A	A	P
			16	Roukes, M	A	A	P
			17	Scherer, A	A	A	P
			18	Tai, Y	A	A	P
			19	Tirrell, D	A	A	P
			20	Yang, C	A	A	P
			22	Guo, C	A	A	P
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			26	Leadbetter, J	A	A	P
27	Winfrey, E	A	A	P			
28	Koch, C	A	A	P			
30	Kornfield, J	A	A	P			

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<b>BIOENGINEERING</b>							
BE 098	+	Undergraduate Research in Bioengineering <i>If your research advisor does not appear below, please contact the Office of the Registrar.</i>	31	Baltimore, D	A	A	P
Ph/APh/EE/BE 118A	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	
ChE/BE 163	3-0-6	Introduction to Biomolecular Engineering	01	Arnold, F / Pierce, N	TR 13:00 - 14:25	106 SPL	
BE 167	1-0-0	Research Topics in Bioengineering <i>Required for first year grad students in BE</i>	01	Staff	T 15:00 - 15:55	300 BRD	P
BE 200	+	Research in Bioengineering	01	Arnold, F	A	A	P
			02	Phillips, R	A	A	P
			03	Burdick, J	A	A	P
			04	Goddard, W	A	A	P
			05	Dervan, P	A	A	P
			06	Fraser, S	A	A	P
			07	Gharib, M	A	A	P
			08	Hajimiri, S	A	A	P
			09	Heath, J	A	A	P
			10	Lester, H	A	A	P
			11	Ismagilov, R	A	A	P
			12	Pierce, N	A	A	P
			14	Ponce, A	A	A	P
			15	Troian, S	A	A	P
			16	Roukes, M	A	A	P
			17	Scherer, A	A	A	P
			18	Tai, Y	A	A	P
			19	Tirrell, D	A	A	P
			20	Yang, C	A	A	P
			22	Guo, C	A	A	P
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			26	Leadbetter, J	A	A	P

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<b>BIOENGINEERING</b>							
BE 200	+	Research in Bioengineering	27	Winfree, E	A	A	P
			28	Koch, C	A	A	P
			30	Shimojo, S	A	A	P
			31	Meister, M	A	A	P
			32	Sternberg, P	A	A	P
			33	Rothmund, P	A	A	P
<b>BIOLOGY</b>							
Bi 002	1-0-2	Current Research in Biology	01	Elowitz, M	T 12:00 - 12:55	119 KRK	P
FS/Bi/Ph 013	2-0-4	Freshman Seminar: In Search of Memory <i>Maximum enrollment: 13 students</i>	01	Pine, J	T 14:00 - 15:55	248 LAU	P
Bi 022	+	Undergraduate Research	01	Adolphs, R	A	A	P
			02	Bronner Hansen, M	A	A	P
			03	Allman, J	A	A	P
			04	Campbell, J	A	A	P
			05	Lester, H	A	A	P
			06	Bjorkman, P	A	A	P
			07	Arnold, F	A	A	P
			08	Rothenberg, E	A	A	P
			09	Varshavsky, A	A	A	P
			10	Sternberg, P	A	A	P
			11	Fraser, S	A	A	P
			12	Meyerowitz, E	A	A	P
			13	Kennedy, M	A	A	P
			14	Mazmanian, S	A	A	P
			15	Winfree, E	A	A	P
			22	Patterson, P	A	A	P
			24	Wold, B	A	A	P
			32	Goddard, W	A	A	P
33	Elowitz, M	A	A	P			
37	Stathopoulos, A	A	A	P			



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<b>BIOLOGY</b>							
Bi 022	+	Undergraduate Research	38	Chan, D	A	A	P
			39	Stevenson, D	A	A	P
			40	Parker, C	A	A	P
			41	Hay, B	A	A	P
			43	Shimojo, S	A	A	P
			44	Sauka-Spengler, T	A	A	P
			45	Clemons, W	A	A	P
			46	Baltimore, D	A	A	P
			47	Tirrell, D	A	A	P
			48	Anderson, D	A	A	P
			50	Koch, C	A	A	P
			51	Dabiri, J	A	A	P
			52	Prober, D	A	A	P
			53	Newman, D	A	A	P
			54	Gradinaru, V	A	A	P
			55	Guttman, M	A	A	P
56	Meister, M	A	A	P			
57	Goentoro, L	A	A	P			
Bi 090A	+	Undergraduate Thesis	01	Lester, H	A	A	P
			02	Davidson, E	A	A	P
			03	Sternberg, P	A	A	P
			04	Davis, M	A	A	P
			05	Newman, D	A	A	P
			06	Baltimore, D	A	A	P
			07	Fejes Toth, K	A	A	P
			08	Anderson, D	A	A	P
Bi 090B	+	Undergraduate Thesis	01	Fejes Toth, K	A	A	P
			02	Anderson, D	A	A	P
Bi/Ch 110	4-0-8	Introduction to Biochemistry <i>Taught by Professor Richards and Biochemistry faculty</i>	01	Richards, J	TR 11:00 - 11:55 W 14:00 - 15:55	147 NYS 147 NYS	

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<b>BIOLOGY</b>							
Bi 122	3-0-6	Genetics	01	Hay, B	TR 13:00 - 14:25	119 KRK	G
Bi/Ch 132	3-0-6	Biophysics of Macromolecules	01	Beauchamp, J / Cai, L	TR 13:00 - 14:25	200 BRD	G
Bi 145A	3-0-6	Tissue and Organ Physiology	01	Tydell, C	MW 19:00 - 20:25	200 BRD	
Bi/CNS/NB 150	4-0-6	Introduction to Neuroscience <i>Maximum enrollment: 15 students per section</i>	01	Lester, H / Adolphs, R	MWF 11:00 - 11:55 R 13:30 - 14:25	100 - Rock Auditorium BRD 101 KRK	
			02	Lester, H / Adolphs, R	MWF 11:00 - 11:55 R 15:00 - 15:55	100 - Rock Auditorium BRD 101 KRK	
			03	Lester, H / Adolphs, R	MWF 11:00 - 11:55 R 19:00 - 19:55	100 - Rock Auditorium BRD 101 KRK	
			04	Lester, H / Adolphs, R	MWF 11:00 - 11:55 R 20:00 - 20:55	100 - Rock Auditorium BRD 101 KRK	
Bi 165	2-3-1	Microbiology Bootcamp <i>Class starts Sept 23rd during Orientation week.</i>	01	Mazmanian, S / Jensen, G	M 09:00 - 10:55	151 BRN	
ESE/Bi 166	3-1-5	Microbial Physiology	01	Leadbetter, J	MWF 10:00 - 10:55	162 SMD	
BMB/Bi/Ch 170A	3-1-5	Biochemistry and Biophysics of Macromolecules and Molecular Assemblies	01	Clemons, W	TR 10:30 - 11:55	151 CRL	G
Bi/Ge 180	2-6-1	Methods in Molecular Genetics	01	Bertani, L	TR 13:00 - 13:55	101 KRK	P
					TR 13:00 - 16:55	317 KRK	
CNS/Bi/Ph/CS/NB 187	3-0-6	Neural Computation	01	Perona, P	TR 10:30 - 11:55	080 MRE	
Bi 192	2-0-4	Introduction to Systems Biology <i>Maximum enrollment: 10 students</i>	01	Goentoro, L	TR 10:30 - 11:55	101 KRK	
Bi/CNS/NB 216	2-0-4	Behavior of Mammals	01	Allman, J	F 14:00 - 15:55	200 BRD	

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<b>BIOLOGY</b>							
Bi 250A	3-0-6	Topics in Molecular and Cellular Biology	01	Prober, D	TR 12:00 - 13:25	151 BRN	P
Bi/BMB 251A	1-0-0	Current Research in Cellular and Molecular Biology	01	Hay, B	W 12:00 - 12:55	24 BBB	P
Bi 299	+	Graduate Research	01	Kirschvink, J	A	A	P
			02	Baltimore, D	A	A	P
			03	Allman, J	A	A	P
			04	Anderson, D	A	A	P
			05	Arnold, F	A	A	P
			06	Baltimore, D	A	A	P
			07	Pierce, N	A	A	P
			08	Bjorkman, P	A	A	P
			09	Bronner Hansen, M	A	A	P
			10	Campbell, J	A	A	P
			11	Chan, D	A	A	P
			12	Davidson, E	A	A	P
			13	Deshaies, R	A	A	P
			14	Dabiri, J	A	A	P
			15	Dunphy, W	A	A	P
			16	Fraser, S	A	A	P
			17	Gharib, M	A	A	P
			18	Kennedy, M	A	A	P
			19	Orphan, V	A	A	P
			21	Cai, L	A	A	P
			22	Guo, C	A	A	P
			23	Mayo, S	A	A	P
			24	Goentoro, L	A	A	P
			25	Newman, D	A	A	P
			26	Meyerowitz, E	A	A	P
			27	Patterson, P	A	A	P
			28	Newman, H	A	A	P
			29	Adolphs, R	A	A	P

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<b>BIOLOGY</b>							
Bi 299	+	Graduate Research	30	Koch, C	A	A	P
			31	Meister, M	A	A	P
			34	Shimojo, S	A	A	P
			35	Lester, H	A	A	P
			36	Sternberg, P	A	A	P
			37	Rothenberg, E	A	A	P
			38	Varshavsky, A	A	A	P
			39	Wold, B	A	A	P
			40	Zinn, K	A	A	P
			41	Jensen, G	A	A	P
			42	Heath, J	A	A	P
			43	Siapas, A	A	A	P
			44	Andersen, R	A	A	P
			45	Dickinson, M	A	A	P
			46	Leadbetter, J	A	A	P
			47	Winfrey, E	A	A	P
			49	Prober, D	A	A	P
			50	Elowitz, M	A	A	P
			51	Stathopoulos, A	A	A	P
			52	Mazmanian, S	A	A	P
			53	Clemons, W	A	A	P
54	Hay, B	A	A	P			
55	Aravin, A	A	A	P			
56	Dougherty, D	A	A	P			
57	Fejes Toth, K	A	A	P			
58	Murray, R	A	A	P			
59	Burdick, J	A	A	P			
60	Gradinaru, V	A	A	P			
61	Guttman, M	A	A	P			
<b>BUSINESS ECONOMICS &amp; MANAGEMENT</b>							
BEM102	3-0-6	Introduction to Accounting <i>Formerly numbered BEM101. May not be used</i>	01	Wang, S	M 19:00 - 21:55	A	

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<b>BUSINESS ECONOMICS &amp; MANAGEMENT</b>							
BEM103	3-0-6	Introduction to Finance <i>Maximum enrollment: 60 students</i>	01	Rosenthal, J	MW 09:00 - 10:25	A	G
BEM105	3-0-6	Options	01	Cvitanic, J	TR 14:30 - 15:55	A	
BEM190	+	Undergraduate Research Project	01	Pickar, K	A	A	P
			02	Rosenthal, J	A	A	P
			03	Bossaerts, P	A	A	P
<b>CHEMICAL ENGINEERING</b>							
ChE062	3-0-6	Separation Processes	01	Seinfeld, J	MWF 14:00 - 14:55	106 SPL	
ChE080	+	Undergraduate Research	01	Flagan, R	A	A	P
			02	Haile, S	A	A	P
			03	Fultz, B	A	A	P
			04	Lewis, N	A	A	P
			05	Davis, M	A	A	P
			06	Grubbs, R	A	A	P
			33	Atwater, H	A	A	P
			34	Seinfeld, J	A	A	P
			35	Arnold, F	A	A	P
			36	Tirrell, D	A	A	P
			37	Kornfield, J	A	A	P
			38	Giapis, K	A	A	P
ChE090A	+	Senior Thesis	01	Giapis, K	A	A	P
			02	Arnold, F	A	A	P
			03	Flagan, R	A	A	P
			04	Mayo, S	A	A	P
			05	Lewis, N	A	A	P
Ch/ChE 091	2-0-1	Scientific Writing	01	Parker, C	M 13:00 - 14:55	101 SCH	

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<b>CHEMICAL ENGINEERING</b>							
ChE103A	3-0-6	Transport Phenomena	01	Kornfield, J	MWF 10:00 - 10:55	106 SPL	
ChE126	1-6-2	Chemical Engineering Laboratory <i>Maximum Enrollment: 8 students per section // Section 1 cancelled</i>	02	Vicic, M	TR 09:00 - 11:55	122 SPL	G
			03	Vicic, M	TR 13:00 - 15:55	122 SPL	G
ChE151A	3-0-9	Physical and Chemical Rate Processes	01	Brady, J	MWF 09:00 - 09:55	102 SPL	G
ChE152	3-0-6	Heterogeneous Kinetics and Reaction Engineering	01	Giapis, K	TR 09:00 - 10:25	106 SPL	G
ChE/BE 163	3-0-6	Introduction to Biomolecular Engineering	01	Arnold, F / Pierce, N	TR 13:00 - 14:25	106 SPL	
ChE/Ch 165	3-0-6	Chemical Thermodynamics	01	Wang, Z	TR 10:30 - 11:55	106 SPL	
ChE280	+	Chemical Engineering Research	01	Arnold, F	A	A	P
			02	Ismagilov, R	A	A	P
			03	Atwater, H	A	A	P
			04	Haile, S	A	A	P
			05	Pierce, N	A	A	P
			06	Murray, R	A	A	P
			07	Brady, J	A	A	P
			08	Stoltz, B	A	A	P
			10	Davis, M	A	A	P
			11	Fultz, B	A	A	P
			12	Bercaw, J	A	A	P
			13	Flagan, R	A	A	P
			16	Giapis, K	A	A	P
			17	Goddard, W	A	A	P
			21	Kornfield, J	A	A	P
			22	Troian, S	A	A	P
			23	Lewis, N	A	A	P
			35	Seinfeld, J	A	A	P

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<b>CHEMICAL ENGINEERING</b>							
ChE280	+	Chemical Engineering Research	37	Tirrell, D	A	A	P
			38	Wang, Z	A	A	P
			40	Yung, Y	A	A	P
			42	Heath, J	A	A	P
			43	Smolke, C	A	A	P
			44	Greer, J	A	A	P
			45	Miller, T	A	A	P
<b>CHEMISTRY</b>							
Ch 001A	3-0-3	General Chemistry	01	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 024 KRK	P
			02	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 3 BBB	P
			03	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 119 DWN	P
			04	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 22 GTS	P
			05	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 27 GTS	P
			06	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 155 ARM	P
			07	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 142 KCK	P
			08	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 102 STL	P
			09	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 11 DWN	P
			10	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 200 BRD	P
			11	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 151 BRN	P
			12	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 119 KRK	P

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<b>CHEMISTRY</b>							
Ch 003A	1-3-2	Fundamental Techniques of Experimental Chemistry <i>Maximum Enrollment: 20 students per section// Section 3 reserved for Freshmen // Oct 4th lecture will meet in 151 Crellin</i>	01	Mendez, J	T 08:00 - 10:55	107 MEAD	P
			02	Mendez, J	F 13:00 - 13:55	153 NYS	P
			03	Mendez, J	F 13:00 - 13:55	153 NYS	P
					T 13:00 - 15:55	107 MEAD	
Ch 003X	1-3-2	Experimental Methods in Solar Energy Conversion <i>Maximum Enrollment: 16 students per section</i>	01	Mendez, J	F 09:00 - 09:55	151 CRL	P
			02	Mendez, J	F 09:00 - 09:55	151 CRL	P
					R 08:00 - 10:55	107 MEAD	
Ch 005B	1-6-2	Advanced Techniques of Synthesis and Analysis <i>OM on the first Monday of the term from 2-3pm to arrange lab hours on Mondays and Fridays (8am-4pm)/Thursdays (1-4pm). OM to decide lecture time.</i>	01	Agapie, T	OM,M 14:00 - 14:55	MEAD	
Ch 008	1-6-2	Experimental Procedures of Synthetic Chemistry <i>Instructor will contact student via email to select 2 sections. //Section times will be: Tuesdays 8-11am; Tuesdays 1-4pm; Wednesdays 1-4pm; and Thursdays 8-11am.</i>	01	Mendez, J	M 14:30 - 15:25	147 NYS	
					A	105 MEAD	
Ch 010A	2-0-1	Frontiers in Chemistry <i>Lab tour times to be determined.</i>	01	Dervan, P / Hoelz, A	R 12:00 - 12:55	147 NYS	P
					A	A	
Ch 015	0-6-4	Chemical Equilibrium and Analysis Laboratory <i>OM to decide lecture time.//Each student must select 2 lab times: Tuesdays 8-11am; Tuesdays 1-4pm; Wednesdays 1-4pm; and Thursdays 8-11am.</i>	01	Dalleska, N	OM,T 14:00 - 14:55	135 L+R	G
Ch 021A	3-0-6	Physical Chemistry	01	Okumura, M	MWF 13:00 - 13:55	147 NYS	G
Ch 041A	3-0-6	Organic Chemistry	01	Dougherty, D	MWF 09:00 - 09:55	153 NYS	



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<b>CHEMISTRY</b>							
Ch 080	+	Chemical Research	01	Stoltz, B	A	A	P
			02	Shan, S	A	A	P
			03	Peters, J	A	A	P
			04	Kornfield, J	A	A	P
			05	Blake, G	A	A	P
			06	Lewis, N	A	A	P
			07	Goddard, W	A	A	P
			08	Beauchamp, J	A	A	P
			09	Bercaw, J	A	A	P
			10	Grubbs, R	A	A	P
			11	Dervan, P	A	A	P
			12	Dougherty, D	A	A	P
			13	Arnold, F	A	A	P
			14	Agapie, T	A	A	P
			15	Reisman, S	A	A	P
			16	Barton, J	A	A	P
			17	Gray, H	A	A	P
			18	Heath, J	A	A	P
			19	Davis, M	A	A	P
Ch 081	+	Independent Reading in Chemistry	01	Bercaw, J	A	A	P
			02	Heath, J	A	A	P
			03	Virgil, S	A	A	P
			04	Grubbs, R	A	A	P
			05	Gray, H	A	A	P
			22	Lewis, N	A	A	P
Ch 082	+	Senior Thesis Research	01	Rees, D	A	A	P
Ch/ChE 091	2-0-1	Scientific Writing	01	Parker, C	M 13:00 - 14:55	101 SCH	
Bi/Ch 110	4-0-8	Introduction to Biochemistry <i>Taught by Professor Richards and Biochemistry faculty</i>	01	Richards, J	TR 11:00 - 11:55	147 NYS	
					W 14:00 - 15:55	147 NYS	

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<b>CHEMISTRY</b>							
Ch 112	3-0-6	Inorganic Chemistry	01	Bercaw, J	TR 09:00 - 10:25	147 NYS	
Ch 122	3-0-6	Structure Determination by X-ray Crystallography	01	Takase, M	MWF 10:00 - 10:55	115 BCK	G
Ch 125A	3-0-6	The Elements of Quantum Chemistry	01	McKoy, B	MWF 11:00 - 11:55	147 NYS	G
Ge/Ch 127	3-0-6	Nuclear Chemistry	01	Burnett, D	OM,M 15:30 - 15:55	015 NMD	
Bi/Ch 132	3-0-6	Biophysics of Macromolecules	01	Beauchamp, J / Cai, L	TR 13:00 - 14:25	200 BRD	G
Ch 145	3-0-6	Bioorganic Chemistry of Proteins	01	Hsieh-Wilson, L	TR 14:00 - 14:55 F 14:00 - 14:55	147 NYS 101 SCH	G
Ch 149	2-0-4	Tutorial in Organic Chemistry <i>Pending Faculty Board approval. // Prerequisite: Ch 41abc &amp; instructor's permission. // This course is intended primarily for 1st-year grad students with a strong foundation in organic chemistry. // Meets during the month of October. // OM to decide lecture time.</i>	01	Fu, G / Reisman, S	OM,A	A	P
ChE/Ch 165	3-0-6	Chemical Thermodynamics	01	Wang, Z	TR 10:30 - 11:55	106 SPL	
BMB/Bi/Ch 170A	3-1-5	Biochemistry and Biophysics of Macromolecules and Molecular Assemblies	01	Clemons, W	TR 10:30 - 11:55	151 CRL	G
ESE/Ge/Ch 172	3-0-0	Atmospheric Chemistry II	01	Wennberg, P / Seinfeld, J	OM,M 09:00 - 09:55	135 L+R	P
BMB/Ch 178	3-0-6	Enzyme Kinetics and Mechanisms	01	Shan, S	WF 10:30 - 11:55	101 SCH	
Ch 180	+	Chemical Research	01 02 21	Agapie, T Goddard, W Gray, H	A A A	A A A	P P P

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<b>CHEMISTRY</b>							
Ch 180	+	Chemical Research	22	Lewis, N	A	A	P
			38	Weitekamp, D	A	A	P
BMB/Ch 202A	1-0-0	Biochemistry Seminar Course <i>Most sessions will take place on Thursdays. Specific dates TBA and will coincide with the dates of the Biochemistry Seminars. Students will meet with the Biochemistry seminar speaker in the discussion session for an hour and then attend the seminar at 4pm.</i>	01	Clemons, W	R 12:00 - 12:55	370 BRN	P
Ch 213A	1-0-11	Advanced Ligand Field Theory	01	Gray, H	F 13:00 - 13:55	408 BCK	G
Ch 242A	3-0-6	Chemical Synthesis <i>Lecture MWF 9-10am -- Recitation T 7-9pm -- Tutorial R 7-9pm</i>	01	Stoltz, B	MWF 09:00 - 09:55 TR 19:00 - 20:55	147 NYS 147 NYS	
Ch 280	+	Chemical Research	01	Adkins, J	A	A	P
			02	Arnold, F	A	A	P
			03	Bjorkman, P	A	A	P
			04	Atwater, H	A	A	P
			05	Barton, J	A	A	P
			06	Beauchamp, J	A	A	P
			07	Bercaw, J	A	A	P
			08	Blake, G	A	A	P
			09	Wang, Z	A	A	P
			10	Smolke, C	A	A	P
			11	Shimojo, S	A	A	P
			12	Eiler, J	A	A	P
			13	Davis, M	A	A	P
			14	Dervan, P	A	A	P
			15	Dougherty, D	A	A	P
			16	Reisman, S	A	A	P
			17	Fraser, S	A	A	P
			18	Miller, T	A	A	P

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<b>CHEMISTRY</b>							
Ch 280	+	Chemical Research	19	Clemons, W	A	A	P
			20	Goddard, W	A	A	P
			21	Gray, H	A	A	P
			22	Grubbs, R	A	A	P
			23	Heath, J	A	A	P
			24	Hsieh-Wilson, L	A	A	P
			25	Hoffmann, M	A	A	P
			26	Kornfield, J	A	A	P
			27	Hoelz, A	A	A	P
			28	Lewis, N	A	A	P
			29	Peters, J	A	A	P
			30	Marcus, R	A	A	P
			31	Mayo, S	A	A	P
			32	Cai, L	A	A	P
			33	Okumura, M	A	A	P
			34	Ponce, A	A	A	P
			35	Peters, J	A	A	P
			36	Ismagilov, R	A	A	P
			37	Fu, G	A	A	P
			38	Rees, D	A	A	P
			39	Lester, H	A	A	P
			40	Haile, S	A	A	P
			42	Seinfeld, J	A	A	P
			43	Stoltz, B	A	A	P
			44	Tirrell, D	A	A	P
			45	Roberts, J	A	A	P
			46	Weitekamp, D	A	A	P
			47	Wennberg, P	A	A	P
			48	Zewail, A	A	A	P
			49	Shan, S	A	A	P
			50	Agapie, T	A	A	P
			51	Sternberg, P	A	A	P
			52	Tirrell, D	A	A	P

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<b>CIVIL ENGINEERING</b>							
CE 100	+	Special Topics in Civil Engineering	01	Staff	A	A	
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Colonus, T	MWF 10:00 - 10:55	101 GUG	
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with ME 65</i>	01	Ortiz, M	TR 09:00 - 10:25	101 GUG	G
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	A	A	P
AM/CE 151A	3-0-6	Dynamics and Vibration <i>taught concurrently with ME 66</i>	01	Heaton, T	MWF 10:00 - 10:55	306 TOM	G
CE 180	1-5-3	Experimental Methods in Earthquake Engineering	01	Kohler, M	OM,T 13:00 - 15:55	110 TOM	
CE 200	+	Advanced Work in Civil Engineering	01	Staff	A	A	P
CE 300	+	Research in Civil Engineering	01	Beck, J	A	A	P
			02	Hall, J	A	A	P
			03	Heaton, T	A	A	P
			04	Krishnan, S	A	A	P
			05	Lapusta, N	A	A	P
<b>COMPUTATION &amp; NEURAL SYS</b>							
CNS100	1-0-0	Introduction to Computation and Neural Systems	01	Staff	A	A	P
Psy/CNS 105A	1.5-0-3.5	Frontiers in Neuroeconomics	01	O'Doherty, J	M 10:30 - 11:55	A	
Bi/CNS/NB 150	4-0-6	Introduction to Neuroscience <i>Maximum enrollment: 15 students per section</i>	01	Lester, H / Adolphs, R	MWF 11:00 - 11:55	100 - Rock Auditorium BRD 101 KRK	
					R 13:30 - 14:25		
			02	Lester, H / Adolphs, R	MWF 11:00 - 11:55	100 - Rock Auditorium BRD 101 KRK	
					R 15:00 - 15:55		

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<b>COMPUTATION &amp; NEURAL SYS</b>							
Bi/CNS/NB 150	4-0-6	Introduction to Neuroscience <i>Maximum enrollment: 15 students per section</i>	03	Lester, H / Adolphs, R	MWF 11:00 - 11:55 R 19:00 - 19:55	100 - Rock Auditorium BRD 101 KRK	
			04	Lester, H / Adolphs, R	MWF 11:00 - 11:55 R 20:00 - 20:55	100 - Rock Auditorium BRD 101 KRK	
CS/CNS/EE 156A	3-0-6	Learning Systems	01	Abu-Mostafa, Y	OM,M 17:00 - 17:55	070 MRE	
CS/CNS 171	3-6-3	Introduction to Computer Graphics Laboratory	01	Barr, A	MWF 15:00 - 15:55	107 ANB	
CNS180	+	Research in Computation and Neural Systems	01	Abu-Mostafa, Y	A	A	P
			02	Anderson, D	A	A	P
			03	O'Doherty, J	A	A	P
			04	Andersen, R	A	A	P
			05	Shimojo, S	A	A	P
			06	Quartz, S	A	A	P
			07	Tsao, D	A	A	P
			08	Dickinson, M	A	A	P
			09	Zewail, A	A	A	P
			10	Koch, C	A	A	P
			11	Rangel, A	A	A	P
			12	Murray, R	A	A	P
			13	Perona, P	A	A	P
			14	Camerer, C	A	A	P
			15	Elowitz, M	A	A	P
			17	Allman, J	A	A	P
			18	Siapas, A	A	A	P
			19	Fraser, S	A	A	P
20	Patterson, P	A	A	P			
21	Winfrey, E	A	A	P			
22	Wold, B	A	A	P			
25	Kennedy, M	A	A	P			
26	Adolphs, R	A	A	P			

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<b>COMPUTATION &amp; NEURAL SYS</b>							
CNS180	+	Research in Computation and Neural Systems	27	Pine, J	A	A	P
			28	Hoffmann, M	A	A	P
			29	Krause, R	A	A	P
			30	Prober, D	A	A	P
CNS/Bi/Ph/CS/NB 187	3-0-6	Neural Computation	01	Perona, P	TR 10:30 - 11:55	080 MRE	
Bi/CNS/NB 216	2-0-4	Behavior of Mammals	01	Allman, J	F 14:00 - 15:55	200 BRD	
CNS280	+	Research in Computation and Neural Systems	01	Burdick, J	A	A	P
			02	Meister, M	A	A	P
			03	Koch, C	A	A	P
			04	Andersen, R	A	A	P
			05	Lester, H	A	A	P
			06	O'Doherty, J	A	A	P
			07	Bruck, J	A	A	P
			08	Tsao, D	A	A	P
			09	Koch, C	A	A	P
			10	Konishi, M	A	A	P
			11	Murray, R	A	A	P
			12	Laurent, G	A	A	P
			13	Perona, P	A	A	P
			14	Scherer, A	A	A	P
			15	Quartz, S	A	A	P
			16	Elowitz, M	A	A	P
			17	Shimojo, S	A	A	P
			18	Siapas, A	A	A	P
			19	Sternberg, P	A	A	P
			20	Winfrey, E	A	A	P
			21	Wold, B	A	A	P
			22	Hoffmann, M	A	A	P
			23	Dickinson, M	A	A	P
			24	Allman, J	A	A	P

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<b>COMPUTATION &amp; NEURAL SYS</b>							
CNS280	+	Research in Computation and Neural Systems	26	Adolphs, R	A	A	P
			27	Desbrun, M	A	A	P
			28	Goddard, W	A	A	P
<b>COMPUTER SCIENCE</b>							
CS 001	3-4-2	Introduction to Computer Programming	01	Vanier, M	MWF 14:00 - 14:55	Institute Auditorium BCK	P
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics	01	Wilson, R	MWF 13:00 - 13:55	151 SLN	
CS 009	1-0-0	Introduction to Computer Science Research	01	Umans, C	W 19:30 - 20:25	105 ANB	P
CS 011	0-3-0	Computer Language Shop <i>CS 1 or instructor's permission is required.</i>	01	Pinkston, D / Vanier, M	OM,M 21:00 - 21:55	105 ANB	P
EE/CS 051	4-5-3	Principles of Microprocessor Systems	01	George, G	MWF 15:00 - 16:25	070 MRE	
EE/CS 053	0-12-0	Microprocessor Project Laboratory	01	George, G	OM,W 16:30 - 17:25	070 MRE	
CS 080A	+	Undergraduate Thesis	01	Winfree, E	A	A	P
			02	Chandy, K	A	A	P
			03	Desbrun, M	A	A	P
			04	Schroeder, P	A	A	P
			05	Wierman, A	A	A	P
			06	Barr, A	A	A	P
CS 081A	+	Undergraduate Projects in Computer Science	01	Chandy, K	A	A	P
			02	Barr, A	A	A	P
			03	Chandy, K	A	A	P
			04	Murray, R	A	A	P
			05	Martin, A	A	A	P
			06	Winfree, E	A	A	P
			07	Perona, P	A	A	P
			08	Schulman, L	A	A	P



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<b>COMPUTER SCIENCE</b>							
CS 081A	+	Undergraduate Projects in Computer Science	09	Ho, T	A	A	P
			10	Vanier, M	A	A	P
			11	Wierman, A	A	A	P
			12	Umans, C	A	A	P
CS 090	+	Undergraduate Reading in Computer Science	01	Chandy, K	A	A	P
			02	Schulman, L	A	A	P
			03	Low, S	A	A	P
			04	Djorgovski, S	A	A	P
			05	Winfrey, E	A	A	P
			06	Schroeder, P	A	A	P
			07	Barr, A	A	A	P
			08	Krause, R	A	A	P
			09	Gray, H	A	A	P
			10	Ho, T	A	A	P
CS 116	3-0-6	Reasoning about Program Correctness	01	Joshi, R	TR 13:00 - 14:25	243 ANB	
CS 121	3-0-6	Introduction to Relational Databases	01	Pinkston, D	MWF 11:00 - 11:55	105 ANB	
EE/Ma/CS 126A	3-0-6	Information Theory	01	Effros, M	MW 10:30 - 11:55	070 MRE	G
Ec/CS 133	3-0-6	Electricity Markets	01	Ledyard, J	WF 13:00 - 14:25	A	
CS/EE 143	3-3-3	Communication Networks	01	Low, S	TR 10:30 - 11:55	213 ANB	
SS/CS 149	3-0-6	Introduction to Algorithmic Economics	01	Ligett, K	MW 10:30 - 11:55	A	
CS/CNS/EE 156A	3-0-6	Learning Systems	01	Abu-Mostafa, Y	OM,M 17:00 - 17:55	070 MRE	
CS/CNS 171	3-6-3	Introduction to Computer Graphics Laboratory	01	Barr, A	MWF 15:00 - 15:55	107 ANB	

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<b>COMPUTER SCIENCE</b>							
CS 177	3-3-3	Discrete Differential Geometry: Theory and Applications	01	Schroeder, P	TR 10:30 - 11:55	314 ANB	
CS 180	+	Master's Thesis Research	01	Martin, A	A	A	P
			02	Desbrun, M	A	A	P
			03	Low, S	A	A	P
			04	Chandy, K	A	A	P
			05	Wierman, A	A	A	P
			06	Umans, C	A	A	P
			07	Krause, R	A	A	P
			08	Barr, A	A	A	P
			09	Kitaev, A	A	A	P
			10	Perona, P	A	A	P
			12	Schroeder, P	A	A	P
			14	Winfree, E	A	A	P
CS/EE 181A	3-6-3	VLSI Design Laboratory	01	Martin, A	MW 13:00 - 14:25	243 ANB	
CNS/Bi/Ph/CS/NB 187	3-0-6	Neural Computation	01	Perona, P	TR 10:30 - 11:55	080 MRE	
Ph/CS 219A	3-0-6	Quantum Computation	01	Preskill, J / Kitaev, A	MW 14:30 - 15:55	269 LAU	
CS 280	+	Research in Computer Science	01	Abu-Mostafa, Y	A	A	P
			02	Chandy, K	A	A	P
			03	Winfree, E	A	A	P
			04	Troian, S	A	A	P
			07	Low, S	A	A	P
			08	Martin, A	A	A	P
			10	Perona, P	A	A	P
			11	Schroeder, P	A	A	P
			12	Schulman, L	A	A	P
			13	Cvitanic, J	A	A	P
			14	Umans, C	A	A	P

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CS 280	+	Research in Computer Science	15	Desbrun, M	A	A	P
			16	Kitaev, A	A	A	P
			17	Wierman, A	A	A	P
CS 286A	3-0-0	Seminar in Computer Science	01	Ligett, K	M 13:00 - 15:55	314 ANB	
<b>CONTROL &amp; DYNAMICAL SYSTEMS</b>							
CDS090A	0-0-9	Senior Thesis in Control and Dynamical Systems	01	Murray, R	OM,M 15:00 - 15:55	106 ANB	G
				Do not create more sections	OM,A	A	G
CDS101	2-0-4	Design and Analysis of Feedback Systems	01	MacMartin, D	MW 14:00 - 14:55	105 ANB	
CDS110A	3-0-9	Introductory Control Theory	01	MacMartin, D	MWF 14:00 - 14:55	105 ANB	
CDS190	+	Independent Work in Control and Dynamical Systems <i>offered Pass/Fail only</i>	01	Murray, R	A	A	P
CDS201	3-0-6	Linear Algebra and Applied Operator Theory <i>taught concurrently with AM 125A &amp; ACM104</i>	01	Beck, J	TR 10:30 - 11:55	105 ANB	
CDS212	3-0-6	Introduction to Modern Control <i>Class Cancelled</i>	01	Doyle, J	A	A	P
CDS300A	+	Research in Control and Dynamical Systems	01	Dickinson, M	A	A	P
			03	Doyle, J	A	A	P
			04	Owhadi, H	A	A	P
			06	Dabiri, J	A	A	P
			07	Beck, J	A	A	P
			08	Murray, R	A	A	P
			10	Burdick, J	A	A	P
			11	Elowitz, M	A	A	P
			12	Desbrun, M	A	A	P

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<b>CONTROL &amp; DYNAMICAL SYSTEMS</b>							
CDS300A	+	Research in Control and Dynamical Systems	13	Ortiz, M	A	A	P
			14	Goentoro, L	A	A	P
			15	Adolphs, R	A	A	P
<b>ECONOMICS</b>							
Ec 011	3-2-4	Introduction to Economics	01	Plott, C	MWF 13:00 - 13:55	A	G
Ec 098A	+	Senior Research and Thesis	01	Makarov, N	A	A	P
			02	Ledyard, J	A	A	P
			03	Rangel, A	A	A	P
			04	Shum, M	A	A	P
Ec 105	3-0-6	Industrial Organization <i>Class cancelled</i>	01	Shum, M	A	A	G
Ec/Psy 109	3-0-6	Frontiers in Behavioral Economics	01	Camerer, C	TR 10:30 - 11:55	A	
Ec 121A	3-0-6	Theory of Value <i>Maximum enrollment: 15 students</i>	01	Saito, K	MW 14:30 - 15:55	A	G
Ec 122	3-0-6	Econometrics <i>Maximum Enrollment: 35 students</i>	01	Sherman, R	TR 13:00 - 14:25	A	
Ec/CS 133	3-0-6	Electricity Markets	01	Ledyard, J	WF 13:00 - 14:25	A	
Ec 135	3-0-6	Economics of Uncertainty and Information	01	Agranov, M	TR 10:30 - 11:55	A	G
Ec/PS 160A	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260 // Ec/PS 190A required for 190B and 190C //Maximum enrollment: 10 students in 160a and SS 260</i>	01	Plott, C	TR 09:00 - 10:25	A	G
Ec 181	3-0-6	Convex Analysis and Economic Theory	01	Border, K	TR 10:30 - 11:55	A	G

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<b>ECONOMICS</b>							
Ec 190	+	Undergraduate Research	01	Alvarez, R	A	A	P
<b>ELECTRICAL ENGINEERING</b>							
APh/EE 009A	2-2-2	Solid-State Electronics for Integrated Circuits	01	Scherer, A / Potter, K	TR 13:00 - 13:55	070 MRE	
EE 044	3-0-6	Circuits and Systems	01	Hajimiri, S	TR 09:30 - 10:55	070 MRE	G
EE/CS 051	4-5-3	Principles of Microprocessor Systems	01	George, G	MWF 15:00 - 16:25	070 MRE	
EE/CS 053	0-12-0	Microprocessor Project Laboratory	01	George, G	OM,W 16:30 - 17:25	070 MRE	
EE 080A	+	Senior Thesis	01	Potter, K	A	A	P
EE 091A	+	Experimental Projects in Electronic Circuits <i>Units by arrangement; 12 units minimum each term</i>	01	Megdal, B	OM,T 16:00 - 16:55	080 MRE	G
EE 099	+	Advanced Work in Electrical Engineering	01	Scherer, A	A	A	P
			02	Tai, Y	A	A	P
			03	Perona, P	A	A	P
			04	George, G	A	A	P
			05	Hajimiri, S	A	A	P
			06	Yang, C	A	A	P
			07	Burdick, J	A	A	P
EE 105A	1-0-0	Electrical Engineering Seminar	01	Hassibi, B	A	A	P
EST/EE/ME 109	3-0-6	Energy Technology and Policy	01	Rutledge, D	TR 14:30 - 15:55	A	
EE 111	3-0-6	Signal-Processing Systems and Transforms	01	Vaidyanathan, P	TR 13:00 - 14:25	080 MRE	

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<b>ELECTRICAL ENGINEERING</b>							
EE/MedE 115	3-0-6	Micro-/Nano-scales Electro-Optics	01	Choo, H	MW 14:30 - 15:55	080 MRE	G
ACM/EE 116	3-0-6	Introduction to Stochastic Processes and Modeling <i>change in class time</i>	01	Owhadi, H	TR 09:00 - 10:25	105 ANB	
Ph/APh/EE/BE 118A	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	
EE/Ma/CS 126A	3-0-6	Information Theory	01	Effros, M	MW 10:30 - 11:55	070 MRE	G
APh/EE 130	3-0-6	Electromagnetic Theory	01	Crosignani, B	TR 09:00 - 10:25	080 MRE	
CS/EE 143	3-3-3	Communication Networks	01	Low, S	TR 10:30 - 11:55	213 ANB	
CS/CNS/EE 156A	3-0-6	Learning Systems	01	Abu-Mostafa, Y	OM,M 17:00 - 17:55	070 MRE	
EE/Ae 157A	3-0-6	Introduction to the Physics of Remote Sensing	01	van Zyl, J	MR 13:00 - 14:25	A	
CS/EE 181A	3-6-3	VLSI Design Laboratory	01	Martin, A	MW 13:00 - 14:25	243 ANB	
EE 291	+	Advanced Work in Electrical Engineering	01	Hoffmann, M	A	A	P
			02	Yang, C	A	A	P
			03	Bruck, J	A	A	P
			04	Burdick, J	A	A	P
			05	Ho, T	A	A	P
			06	Doyle, J	A	A	P
			07	Effros, M	A	A	P
			08	Psaltis, D	A	A	P
			09	Koch, C	A	A	P
			10	Martin, A	A	A	P
			11	Hajimiri, S	A	A	P

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<b>ELECTRICAL ENGINEERING</b>							
EE 291	+	Advanced Work in Electrical Engineering	12	Schulman, L	A	A	P
			13	Low, S	A	A	P
			14	McEliece, R	A	A	P
			15	Hassibi, B	A	A	P
			16	Murray, R	A	A	P
			17	Perona, P	A	A	P
			18	Vaidyanathan, P	A	A	P
			19	Psaltis, D	A	A	P
			20	Tai, Y	A	A	P
			21	Yariv, A	A	A	P
			22	Quartz, S	A	A	P
			23	Rutledge, D	A	A	P
			24	Roukes, M	A	A	P
			25	Scherer, A	A	A	P
			26	Avouac, J	A	A	P
			27	Vahala, K	A	A	P
			28	Zmuidzinas, J	A	A	P
			29	Atwater, H	A	A	P
			30	Kimble, H	A	A	P
			31	Heath, J	A	A	P
			32	Weinreb, S	A	A	P
			33	Emami-Neyestanak, A	A	A	P
34	George, G	A	A	P			
35	Abu-Mostafa, Y	A	A	P			
36	Painter, O	A	A	P			
37	Gharib, M	A	A	P			
38	Choo, H	A	A	P			
39	Cvitanić, J	A	A	P			
40	Faraon, A	A	A	P			
41	Pellegrino, S	A	A	P			
42	Chandrasekaran, V	A	A	P			

**ENERGY SCIENCE AND TECHNOLOGY**

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<b>ENERGY SCIENCE AND TECHNOLOGY</b>							
EST/EE/ME 109	3-0-6	Energy Technology and Policy	01	Rutledge, D	TR 14:30 - 15:55	A	
<b>ENGINEERING</b>							
E 002	1-0-0	Frontiers in Engineering and Applied Science	01	Rosakis, A	W 12:00 - 12:55	105 ANB	P
E 010	1-0-2	Technical Seminar Presentations <i>Maximum enrollment: 6 students per section</i>	01	Fender, A	OM,T 19:00 - 19:55 M 09:00 - 09:55	142 KCK 142 KCK	G
			02	Fender, A	OM,T 19:00 - 19:55 M 10:00 - 10:55	142 KCK 142 KCK	G
			03	Fender, A	OM,T 19:00 - 19:55 M 11:00 - 11:55	142 KCK 142 KCK	G
			04	Fender, A	OM,T 19:00 - 19:55 W 09:00 - 09:55	142 KCK 142 KCK	G
			05	Fender, A	OM,T 19:00 - 19:55 W 10:00 - 10:55	142 KCK 142 KCK	G
			06	Fender, A	OM,T 19:00 - 19:55 W 11:00 - 11:55	142 KCK 142 KCK	G
			07	Fender, A	OM,T 19:00 - 19:55 F 09:00 - 09:55	142 KCK 142 KCK	G
			08	Fender, A	OM,T 19:00 - 19:55 F 10:00 - 10:55	142 KCK 142 KCK	G
			09	Fender, A	OM,T 19:00 - 19:55 F 11:00 - 11:55	142 KCK 142 KCK	G
E/ME 103	3-0-6	Management of Technology	01	Pickar, K	TR 14:30 - 15:55	206 TOM	
E 110	1-0-1	Principles of University Teaching in STEM	01	Horii, C	T 09:30 - 10:30	107 ANB	P
<b>ENGLISH</b>							
Hum/En 005	3-0-6	Major British Authors	01	Jahner, J	TR 14:30 - 15:55	A	
		<i>Maximum enrollment: 15 students//Class closed</i>	02	Pigman, G	TR 14:30 - 15:55	A	



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<b>ENGLISH</b>							
Hum/En 005	3-0-6	Major British Authors <i>Maximum enrollment: 15 students//Class closed to continuing students until term start.</i>	03	Gilmore, D	TR 14:30 - 15:55	A	
			04	Haugen, K	T 19:00 - 21:55	A	
			05	Haugen, K	W 19:00 - 21:55	A	
Hum/En 006	3-0-6	American Literature and Culture <i>Maximum Enrollment: 15 students // Class closed to continuing students until term start.</i>	01	Jurca, C	W 13:00 - 15:55	A	
En 089	3-0-6	Writing the News - Journalistic Writing <i>Class cancelled</i>	01	Kipling, R	A	A	
En 098	+	Reading in English	01	Gilmartin, K	A	A	P
En 099A	1-0-8	Senior Tutorial for English Majors	01	Gilmartin, K	A	A	G
			02	Pigman, G	A	A	G
			03	Weinstein, C	A	A	G
			04	Gilmore, D	A	A	G
			05	Jurca, C	A	A	G
			06	Haugen, K	A	A	G
			07	Hunter, C	A	A	G
En 116	3-0-6	Milton <i>Maximum enrollment: 15 students</i>	01	Pigman, G	TR 13:00 - 14:25	A	G
En 123	3-0-6	The 19th-Century English Novel <i>Maximum enrollment: 20 students</i>	01	Gilmore, D	W 13:00 - 15:55	A	G
En 132	3-0-6	American Literature Until the Civil War <i>Maximum enrollment: 15 students</i>	01	Spires, D	TR 13:00 - 14:25	A	G
En 141	3-0-6	James and Wharton	01	Jurca, C	TR 13:00 - 14:25	A	
En 189	3-0-6	Literature and Law in Medieval England <i>Maximum enrollment: 20 students</i>	01	Jahner, J	TR 10:30 - 11:55	A	G
<b>ENGLISH AS A SECOND LANGUAGE</b>							

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<b>ENGLISH AS A SECOND LANGUAGE</b>							
ESL101A	3-0-0	Oral Communication and Pronunciation	01	Geasland, J	A	A	P
<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
ESE090	+	Undergraduate Laboratory Research in Environmental Science and Engineering	01	Thompson, A	A	A	P
ESE100	+	Special Problems in Environmental Science and Engineering <i>up to 12 units by arrangement</i>	01	Adkins, J	A	A	P
			02	Flagan, R	A	A	P
			03	Hoffmann, M	A	A	P
			04	Schneider, T	A	A	P
			05	Seinfeld, J	A	A	P
			06	Sessions, A	A	A	P
			07	Wennberg, P	A	A	P
ESE101	3-0-6	Earth's Atmosphere	01	Ingersoll, A	TR 13:00 - 14:25	162 SMD	
ESE102	3-0-6	Earth's Oceans	01	Adkins, J	MWF 13:00 - 13:55	215 NMD	
ESE104	1-0-0	Current Problems in Environmental Science and Engineering	01	Leadbetter, J	R 12:00 - 12:55	162 SMD	P
ESE105	+	Research in Environmental Science and Engineering	01	Adkins, J	A	A	P
			02	Blake, G	A	A	P
			03	Bordoni, S	A	A	P
			04	Eiler, J	A	A	P
			05	Flagan, R	A	A	P
			06	Hoffmann, M	A	A	P
			07	Ingersoll, A	A	A	P
			08	Lamb, M	A	A	P
			09	Leadbetter, J	A	A	P
			10	Newman, D	A	A	P
			11	Okumura, M	A	A	P
			12	Orphan, V	A	A	P

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<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
ESE105	+	Research in Environmental Science and Engineering	13	Schneider, T	A	A	P
			14	Seinfeld, J	A	A	P
			15	Sessions, A	A	A	P
			16	Wennberg, P	A	A	P
			17	Yung, Y	A	A	P
			18	Thompson, A	A	A	P
ESE110A	1-0-0	Seminar in Environmental Science and Engineering	01	Adkins, J	W 16:00 - 16:55	365 SMD	P
ESE130	3-0-6	Atmosphere Dynamics	01	Bordoni, S	MWF 14:00 - 14:55	162 SMD	
ESE/Bi 166	3-1-5	Microbial Physiology	01	Leadbetter, J	MWF 10:00 - 10:55	162 SMD	
ESE/Ge/Ch 172	3-0-0	Atmospheric Chemistry II	01	Wennberg, P / Seinfeld, J	OM,M 09:00 - 09:55	135 L+R	P
ESE300	+	Thesis Research	01	Sessions, A	A	A	P
			02	Ingersoll, A	A	A	P
			03	Hering, J	A	A	P
			04	Hoffmann, M	A	A	P
			05	Bordoni, S	A	A	P
			06	Adkins, J	A	A	P
			08	Leadbetter, J	A	A	P
			09	Seinfeld, J	A	A	P
			10	Wennberg, P	A	A	P
			11	Yung, Y	A	A	P
			12	Schneider, T	A	A	P
			13	Eiler, J	A	A	P
			14	Orphan, V	A	A	P
			15	Okumura, M	A	A	P
			16	Ponce, A	A	A	P
			17	Thompson, A	A	A	P

**FILM**

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<b>FILM</b>							
L/F 109	3-0-6	Introduction to French Cinema from Its Beginning to the Present	01	Orcel, C	OM,M 14:00 - 14:55	A	
<b>FRESHMAN SEMINARS</b>							
FS/Ph 004	2-0-4	Freshman Seminar: Gravitational Waves	01	Weinstein, A	A	A	P
FS/Ph 009	2-0-4	Freshman Seminar: The Science of Music <i>Maximum enrollment: 11 students</i>	01	Politzer, H	MW 13:00 - 13:55	248 LAU	P
FS/Ph 011A	2-0-4	Freshman Seminar: Research Tutorial	01	Tombrello, T	A	201 SLN	P
FS/Bi/Ph 013	2-0-4	Freshman Seminar: In Search of Memory <i>Maximum enrollment: 13 students</i>	01	Pine, J	T 14:00 - 15:55	248 LAU	P
FS/Ph 014	2-0-4	Freshman Seminar: Albatrosses, Beetles and Cetaceans	01	Stevenson, D	A	A	P
FS/Ge 016	2-0-4	Freshman Seminar: Earthquakes	01	Stock, J	T 14:00 - 15:55	215 NMD	P
<b>GEOLOGY</b>							
Ge 011A	3-3-3	Introduction to Earth and Planetary Sciences: Earth as a Planet <i>Field Trip Dates: Oct. 19, Nov. 2, Nov. 16</i>	01	Saleeby, J	MWF 14:00 - 14:55	215 NMD	
FS/Ge 016	2-0-4	Freshman Seminar: Earthquakes	01	Stock, J	T 14:00 - 15:55	215 NMD	P
Ge 040	+	Special Problems for Undergraduates	01	Avouac, J	A	A	P
			02	Kirschvink, J	A	A	P
			03	Stock, J	A	A	P
			04	Lamb, M	A	A	P
			05	Adkins, J	A	A	P
			06	Jackson, J	A	A	P
			07	Ingersoll, A	A	A	P

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<b>GEOLOGY</b>							
Ge 041A	+	Undergraduate Research and Bachelor's Thesis	01	Orphan, V	A	A	P
			02	Saleeby, J	A	A	P
			03	Asimow, P	A	A	P
			04	Orphan, V	A	A	P
			05	Saleeby, J	A	A	P
			06	Stolper, E	A	A	P
			07	Brown, M	A	A	P
			08	Grotzinger, J	A	A	P
			09	Stock, J	A	A	P
Ge 101	4-0-8	Introduction to Geology and Geochemistry <i>Field Trip: Friday, Nov. 1 through Sunday, Nov. 3</i>	01	Wernicke, B	MWF 11:00 - 11:55	215 NMD	
Ge 104	3-0-6	Introduction to Geobiology	01	Fischer, W	MW 08:30 - 09:55	267 ARM	
Ge 108	3-0-6	Applications of Physics to the Earth Sciences	01	Brown, M	TR 09:00 - 10:25	162 SMD	
Ge 110	0-3-0	Geographic Information System for Geology and Planetary Sciences	01	Avouac, J	T 09:00 - 09:55 R 14:00 - 15:25	309 NMD 309 NMD	
Ge 112	3-5-4	Sedimentology and Stratigraphy	01	Dromart, G	OM,M 09:00 - 09:25	251 ARM	
Ge 114A	3-4-2	Mineralogy	01	Rossmann, G	MTR 15:00 - 15:55 TR 16:00 - 17:55	251 ARM 251 ARM	
Ge 114B	0-2-1	Mineralogy Laboratory	01	Rossmann, G	W 14:00 - 15:55	267 ARM	
Ge 121A	0-9-3	Advanced Field Geology <i>Field Trip Dates: TBD</i>	01	Lamb, M	OM,T 17:00 - 18:55	267 ARM	
Ge/Ch 127	3-0-6	Nuclear Chemistry	01	Burnett, D	OM,M 15:30 - 15:55	015 NMD	
Ge/Ay 133	3-0-6	The Formation and Evolution of Planetary Systems	01	Knutson, H	MWF 14:00 - 14:55	176 SMD	

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<b>GEOLOGY</b>							
Ge 136A	1-0-2	Regional Field Geology of the Southwestern United States <i>Field Trip Dates: TBD</i>	01	Kirschvink, J	OM,M 08:30 - 08:55	251 ARM	P
			02	Stock, J	OM,M 09:30 - 09:55	251 ARM	P
Ge 145	1-4-4	Isotope-Ratio Mass Spectrometry	01	Sessions, A	OM,M 13:30 - 13:55	251 ARM	
Ge 151	3-3-3	Fundamentals of Planetary Surfaces	01	Ehlmann, B	TR 09:00 - 10:25	215 NMD	
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>updated class time</i>	01	Kochmann, D	TR 14:30 - 15:55	A	G
Ge 161	3-0-6	Plate Tectonics	01	Stock, J	TR 09:00 - 10:25	215 NMD	
Ge 167	3-0-6	Tectonic Geodesy	01	Simons, M	TR 10:30 - 11:55	162 SMD	
ESE/Ge/Ch 172	3-0-0	Atmospheric Chemistry II	01	Wennberg, P / Seinfeld, J	OM,M 09:00 - 09:55	135 L+R	P
Bi/Ge 180	2-6-1	Methods in Molecular Genetics	01	Bertani, L	TR 13:00 - 13:55	101 KRK	P
					TR 13:00 - 16:55	317 KRK	
Ge 194	1-1-1	Special Topics in the Planetary Sciences	01	Brown, M	W 12:00 - 12:55	162 SMD	
Ge 212	3-0-6	Thermodynamics of Geological Systems	01	Asimow, P	MWF 10:00 - 10:55	267 ARM	
Ge 297	+	Advanced Study	01	Adkins, J	A	A	P
			02	Wennberg, P	A	A	P
			03	Clayton, R	A	A	P
			04	Asimow, P	A	A	P
			05	Blake, G	A	A	P
			06	Stock, J	A	A	P
			07	Eiler, J	A	A	P
			08	Farley, K	A	A	P
			09	Jackson, J	A	A	P

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Ge 297	+	Advanced Study	10	Bordoni, S	A	A	P
			11	Gurnis, M	A	A	P
			12	Grotzinger, J	A	A	P
			13	Helmberger, D	A	A	P
			14	Rossmann, G	A	A	P
			15	Schneider, T	A	A	P
			16	Kirschvink, J	A	A	P
			17	Kulkarni, S	A	A	P
			18	Ingersoll, A	A	A	P
			19	Brown, M	A	A	P
			20	Ehlmann, B	A	A	P
			24	Saleeby, J	A	A	P
			26	Simons, M	A	A	P
			27	Stevenson, D	A	A	P
			29	Stolper, E	A	A	P
			30	Lamb, M	A	A	P
			31	Fischer, W	A	A	P
			35	Orphan, V	A	A	P
			36	Yung, Y	A	A	P
			37	Avouac, J	A	A	P
			38	Lapusta, N	A	A	P
			39	Aharonson, O	A	A	P
			40	Wernicke, B	A	A	P
41	Newman, D	A	A	P			
42	Sessions, A	A	A	P			
43	Ampuero Saenz, J	A	A	P			
44	Tsai, V	A	A	P			
45	Knutson, H	A	A	P			
Ge 299	+	Thesis Research	01	Adkins, J	A	A	P
			02	Ehlmann, B	A	A	P
			03	Heaton, T	A	A	P
			04	Asimow, P	A	A	P
			05	Blake, G	A	A	P

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Ge 299	+	Thesis Research	06	Brown, M	A	A	P
			07	Clayton, R	A	A	P
			08	Eiler, J	A	A	P
			09	Grotzinger, J	A	A	P
			10	Gurnis, M	A	A	P
			11	Burnett, D	A	A	P
			12	Helmberger, D	A	A	P
			13	Ingersoll, A	A	A	P
			14	Jackson, J	A	A	P
			15	Simons, M	A	A	P
			16	Avouac, J	A	A	P
			17	Newman, D	A	A	P
			18	Ampuero Saenz, J	A	A	P
			19	Lapusta, N	A	A	P
			20	Rossman, G	A	A	P
			21	Fischer, W	A	A	P
			22	Saleeby, J	A	A	P
			24	Sessions, A	A	A	P
			25	Stevenson, D	A	A	P
			26	Stock, J	A	A	P
			27	Stolper, E	A	A	P
32	Wernicke, B	A	A	P			
34	Yung, Y	A	A	P			
35	Aharonson, O	A	A	P			
36	Kirschvink, J	A	A	P			
37	Orphan, V	A	A	P			
38	Schneider, T	A	A	P			
<b>HISTORY</b>							
Hum/H 002	3-0-6	American History <i>Maximum enrollment: 15 students per section//Class closed to continuing students until term start.</i>	01	Kousser, J	TR 14:30 - 15:55	A	G
			02	Kousser, J	T 19:30 - 21:25	A	G
					R 19:30 - 20:25	A	



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<b>HISTORY</b>							
Hum/H 003B	3-0-6	European Civilization: Early Modern Europe <i>Maximum enrollment: 15 students//Class closed to continuing students until term start</i>	01	Wey-Gomez, N	TR 09:00 - 10:25	A	
Hum/H 003C	3-0-6	European Civilization: Modern Europe <i>Maximum enrollment: 15 students//Class closed to continuing students until term start.</i>	01	Dennison, T	TR 14:30 - 15:55	A	
H 098	+	Reading in History	01	Hoffman, P	A	A	P
H 099A	1-0-8	Research Tutorial	01 02 03 04 05 06 07	Hoffman, P Brown, W Kiewiet, D Dennison, T Brewer, J Buchwald, J Wey-Gomez, N	A A A A A A A	A A A A A A A	
H/An 123	3-0-6	Anthropological Demography <i>Open by lottery only - See REGIS home page for details // Maximum enrollment: 15 students // Pending Faculty Board approval</i>	01	Jennings, J	TR 14:30 - 15:55	A	G
Art/H 153	3-0-6	West Coast Art since the Sixties <i>Maximum enrollment: 15 students</i>	01	Robbins, C	TR 10:30 - 11:55	A	G
H/HPS 185	3-0-6	Angels and Monsters: Cosmology, Anthropology, and the Ends of the World <i>Maximum enrollment: 20 students</i>	01	Wey-Gomez, N	TR 13:00 - 14:25	A	
H/L 191	3-0-6	Perspectives on History through German Literature <i>Maximum enrollment: 15 students</i>	01	Dennison, T	TR 10:30 - 11:55	A	G
<b>HISTORY AND PHILOSOPHY OF SCIENCE</b>							
HPS098	+	Reading in History and Philosophy of Science	01	Manning, G	A	A	P

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<b>HISTORY AND PHILOSOPHY OF SCIENCE</b>							
HPS103	1-0-0	Public Lecture Series	01	Feingold, M	A	A	P
HPS/PI 120	3-0-6	Introduction to Philosophy of Science <i>Maximum enrollment: 25 students</i>	01	Hitchcock, C	TR 10:30 - 11:55	A	
HPS/PI 124	3-0-6	Philosophy of Space and Time <i>Maximum enrollment: 25 students</i>	01	Hitchcock, C	TR 14:30 - 15:55	A	
H/HPS 185	3-0-6	Angels and Monsters: Cosmology, Anthropology, and the Ends of the World <i>Maximum enrollment: 20 students</i>	01	Wey-Gomez, N	TR 13:00 - 14:25	A	
<b>HUMANITIES</b>							
Hum/H 002	3-0-6	American History <i>Maximum enrollment: 15 students per section//Class closed to continuing students until term start.</i>	01	Kousser, J	TR 14:30 - 15:55	A	G
			02	Kousser, J	T 19:30 - 21:25	A	G
					R 19:30 - 20:25	A	
Hum/H 003B	3-0-6	European Civilization: Early Modern Europe <i>Maximum enrollment: 15 students//Class closed to continuing students until term start</i>	01	Wey-Gomez, N	TR 09:00 - 10:25	A	
Hum/H 003C	3-0-6	European Civilization: Modern Europe <i>Maximum enrollment: 15 students//Class closed to continuing students until term start.</i>	01	Dennison, T	TR 14:30 - 15:55	A	
Hum/En 005	3-0-6	Major British Authors <i>Maximum enrollment: 15 students//Class closed to continuing students until term start.</i>	01	Jahner, J	TR 14:30 - 15:55	A	
			02	Pigman, G	TR 14:30 - 15:55	A	
			03	Gilmore, D	TR 14:30 - 15:55	A	
			04	Haugen, K	T 19:00 - 21:55	A	
			05	Haugen, K	W 19:00 - 21:55	A	
Hum/En 006	3-0-6	American Literature and Culture <i>Maximum Enrollment: 15 students // Class closed to continuing students until term start.</i>	01	Jurca, C	W 13:00 - 15:55	A	
Hum/PI 008	3-0-6	Right and Wrong <i>Maximum enrollment: 15 students per section//Class closed to continuing students until</i>	01	Quartz, S	TR 13:00 - 14:25	A	
			02	Quartz, S	TR 14:30 - 15:55	A	

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<b>HUMANITIES</b>							
Hum/PI 009	3-0-6	Knowledge and Reality <i>Maximum enrollment: 15 students per section//Class closed to continuing students until term start.</i>	01	Eberhardt, F	TR 09:00 - 10:25	A	
			02	Eberhardt, F	TR 14:30 - 15:55	A	
<b>LANGUAGES</b>							
L 102A	3-0-6	Elementary French	01	Orcel, C	OM,M 13:00 - 13:55	A	
L 103A	3-0-6	Intermediate French	01	Merrill, T	OM,M 14:00 - 14:55	A	
L 106A	5-0-4	Elementary Japanese <i>Taught by Dr. Hirai//Maximum Enrollment: 20 students per section</i>	01	Toner, R	MTWR 15:00 - 15:55	A	
			02	Toner, R	MTWR 16:00 - 16:55	A	
L 107A	5-1-4	Intermediate Japanese <i>Maximum Enrollment: 20 students</i>	01	Hirata, K	TWR 12:00 - 12:55	A	G
L 108A	3-1-6	Advanced Japanese <i>Maximum Enrollment: 20 students</i>	01	Hirata, K	OM,M 16:00 - 16:55	A	G
L/F 109	3-0-6	Introduction to French Cinema from Its Beginning to the Present	01	Orcel, C	OM,M 14:00 - 14:55	A	
L 110A	3-0-6	Elementary Spanish <i>Sec 2: Maximum Enrollment of 20 students</i>	01	Garcia, D	MWR 12:00 - 12:55	A	
			02	Arjona, G	OM,M 16:00 - 16:55	A	
L 112A	3-0-6	Intermediate Spanish	01	Garcia, D	OM,M 17:00 - 17:55	A	
L 114A	3-0-6	Spanish and Latin American Literature <i>Maximum enrollment: 20 students</i>	01	Arjona, G	OM,M 17:00 - 17:55	A	
L 130A	3-0-6	Elementary German	01	Aebi, A	MWR 13:00 - 13:55	A	
L 132A	3-0-6	Intermediate German	01	Aebi, A	MWR 12:00 - 12:55	A	

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<b>LANGUAGES</b>							
L 170A	4-1-5	Introduction to Chinese <i>Maximum Enrollment: 20 students</i>	01	Wang, X	MW 19:00 - 20:25	A	
L 171A	5-0-4	Elementary Chinese	01	Ming, F	MTW 19:00 - 19:55	A	
L 172A	4-1-5	Intermediate Chinese <i>Maximum Enrollment: 20 students</i>	01	Wang, X	TR 19:00 - 20:25	A	
L 173A	3-1-6	Advanced Chinese	01	Ming, F	MT 20:00 - 21:25	A	
H/L 191	3-0-6	Perspectives on History through German Literature <i>Maximum enrollment: 15 students</i>	01	Dennison, T	TR 10:30 - 11:55	A	G
<b>LAW</b>							
Law033	3-0-6	Introduction to Law and Law and Economics <i>Class cancelled</i>	01	Staff	A	A	
<b>MATERIALS SCIENCE</b>							
MS 078A	+	Senior Thesis	01	Johnson, W	A	A	P
			02	Haile, S	A	A	P
			03	Greer, J	A	A	P
			04	Snyder, G	A	A	P
MS 100	+	Advanced Work in Materials Science	01	Fultz, B	A	A	P
			02	Lewis, N	A	A	P
			03	Snyder, G	A	A	P
			04	Davis, M	A	A	P
APh/MS 105A	3-0-6	States of Matter	01	Johnson, W	MW 13:00 - 14:25	104 WAT	G
MS 110A	1-0-0	Materials Research Lectures	01	Snyder, G	W 16:00 - 16:55	106 SPL	P

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<b>MATERIALS SCIENCE</b>							
MS 115A	3-0-6	Fundamentals of Materials Science	01	Shapiro-Scharlotta, A	MWF 11:00 - 11:55	080 MRE	
MS/APh 120	3-0-6	Diffraction and Structure	01	Fultz, B	TR 09:00 - 10:25	104 WAT	
MS/APh 122	0-3-0	Diffraction, Imaging, and Structure <i>Maximum enrollment: 8 students</i>	01	Fultz, B / Garland, C	OM,T 13:00 - 13:55	042 KCK	
MS 200	+	Advanced Work in Materials Science	01	Ahn, C	A	A	P
			02	Atwater, H	A	A	P
			03	Greer, J	A	A	P
			04	Fultz, B	A	A	P
			05	Goddard, W	A	A	P
			06	Haile, S	A	A	P
			07	Johnson, W	A	A	P
			08	van de Walle, A	A	A	P
			09	Heath, J	A	A	P
			10	Snyder, G	A	A	P
			11	Daraio, C	A	A	P
			12	Haile, S	A	A	P
			13	Ortiz, M	A	A	P
			14	Roukes, M	A	A	P
			15	Lewis, N	A	A	P
			16	Minnich, A	A	A	P
			17	Bhattacharya, K	A	A	P
Ae/AM/MS/ME 213	3-0-6	Mechanics and Materials Aspects of Fracture	01	Gdoutos, E	A	A	
MS 300	+	Thesis Research	01	Atwater, H	A	A	P
			02	van de Walle, A	A	A	P
			03	Rosakis, A	A	A	P
			04	Fultz, B	A	A	P
			05	Goddard, W	A	A	P
			06	Haile, S	A	A	P

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<b>MATERIALS SCIENCE</b>							
MS 300	+	Thesis Research	07	Johnson, W	A	A	P
			08	Greer, J	A	A	P
			09	Ortiz, M	A	A	P
			10	Heath, J	A	A	P
			11	Snyder, G	A	A	P
			12	Cross, M	A	A	P
			13	Lewis, N	A	A	P
<b>MATHEMATICS</b>							
Ma 001A	4-0-5	Calculus of One and Several Variables and Linear Algebra	01	Marx, C	MTWF 10:00 - 10:55 R 19:30 - 20:55	151 SLN 151 SLN	P
			02	Katz, N	MWF 10:00 - 10:55 R 09:00 - 09:55	Lecture Hall BAX 142 KCK	P
			03	Katz, N	MWF 10:00 - 10:55 R 09:00 - 09:55	Lecture Hall BAX 103 DWN	P
			04	Katz, N	MWF 10:00 - 10:55 R 10:00 - 10:55	Lecture Hall BAX 142 KCK	P
			05	Katz, N	MWF 10:00 - 10:55 R 10:00 - 10:55	Lecture Hall BAX 27 GTS	P
			06	Katz, N	MWF 10:00 - 10:55 R 10:00 - 10:55	Lecture Hall BAX 22 GTS	P
			07	Katz, N	MWF 10:00 - 10:55 R 13:00 - 13:55	Lecture Hall BAX 119 KRK	P
			08	Katz, N	MWF 10:00 - 10:55 R 13:00 - 13:55	Lecture Hall BAX 269 LAU	P
			09	Katz, N	MWF 10:00 - 10:55 R 13:00 - 13:55	Lecture Hall BAX 104 WAT	P
			10	Katz, N	MWF 10:00 - 10:55 R 14:00 - 14:55	Lecture Hall BAX 142 KCK	P
			11	Katz, N	MWF 10:00 - 10:55 R 14:00 - 14:55	Lecture Hall BAX 119 DWN	P
			12	Katz, N	MWF 10:00 - 10:55 R 14:00 - 14:55	Lecture Hall BAX 119 KRK	P

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<b>MATHEMATICS</b>							
Ma 002A	4-0-5	Differential Equations, Probability, and Statistics	01	Makarov, N	MWF 10:00 - 10:55 R 09:00 - 09:55	22 GTS 151 SLN	G
			02	Makarov, N	MWF 10:00 - 10:55 R 09:00 - 09:55	22 GTS 11 DWN	G
			03	Makarov, N	MWF 10:00 - 10:55 R 10:00 - 10:55	22 GTS 151 SLN	G
			04	Makarov, N	MWF 10:00 - 10:55 R 10:00 - 10:55	22 GTS 11 DWN	G
			05	Makarov, N	MWF 10:00 - 10:55 R 13:00 - 13:55	22 GTS 22 GTS	G
			06	Makarov, N	MWF 10:00 - 10:55 R 14:00 - 14:55	22 GTS 11 DWN	G
			07	Makarov, N	MWF 10:00 - 10:55 R 14:00 - 14:55	22 GTS 103 DWN	G
			08	Makarov, N	MWF 10:00 - 10:55 R 09:00 - 09:55	22 GTS 119 DWN	G
			09	Makarov, N	MWF 10:00 - 10:55 R 10:00 - 10:55	22 GTS 119 DWN	G
			10	Makarov, N	MWF 10:00 - 10:55 R 10:00 - 10:55	22 GTS 102 STL	G
			11	Makarov, N	MWF 10:00 - 10:55 R 13:00 - 13:55	22 GTS 102 STL	G
			12	Makarov, N	MWF 10:00 - 10:55 R 14:00 - 14:55	22 GTS 102 STL	G
Ma 005A	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 105a</i>	01	Flach, M	MWF 09:00 - 09:55	151 SLN	
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics	01	Wilson, R	MWF 13:00 - 13:55	151 SLN	
Ma 008	3-0-0	Problem Solving in Calculus	01	Katz, N	TR 19:30 - 20:55	151 SLN	
Ma 010	2-0-1	Oral Presentation	01	Mantovan, E	W 14:00 - 15:55	151 SLN	P

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<b>MATHEMATICS</b>							
Ma 017	2-0-2	How to Solve It	01	Makarov, N	T 19:30 - 20:25	159 SLN	P
Ma 092A	+	Senior Thesis	01	Marculli, M	A	A	P
Ma 098	+	Independent Reading	01	Staff	A	A	P
Ma 105A	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 5a</i>	01	Flach, M	MWF 09:00 - 09:55	151 SLN	
Ma 108A	3-0-6	Classical Analysis	01	Frank, R	MWF 11:00 - 11:55	151 SLN	
Ma 109A	3-0-6	Introduction to Geometry and Topology	01	Baba, S	MWF 09:00 - 09:55	153 SLN	
Ma 110A	3-0-6	Analysis, I	01	Makarov, N	MWF 11:00 - 11:55	159 SLN	
Ma 111A	3-0-6	Analysis, II	01	Staff	MWF 13:00 - 13:55	257 SLN	
Ma 116A	3-0-6	Mathematical Logic and Axiomatic Set Theory	01	Williams, J	TR 13:00 - 14:25	151 SLN	
Ma 120A	3-0-6	Abstract Algebra	01	Graber, T	MWF 09:00 - 09:55	257 SLN	
Ma 121A	3-0-6	Combinatorial Analysis	01	Rains, E	TR 13:00 - 14:25	159 SLN	
EE/Ma/CS 126A	3-0-6	Information Theory	01	Effros, M	MW 10:30 - 11:55	070 MRE	G
Ma 130A	3-0-6	Algebraic Geometry	01	Graber, T	MWF 13:00 - 13:55	153 SLN	
Ma/ACM 142	3-0-6	Ordinary and Partial Differential Equations	01	Frank, R	MWF 10:00 - 10:55	159 SLN	



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<b>MATHEMATICS</b>							
Ma/ACM 144A	3-0-6	Probability	01	Alberts, T	TR 10:30 - 11:55	153 SLN	
Ma 145A	3-0-6	Introduction to Unitary Group Representations	01	Chipeniuk, K	TR 13:00 - 14:25	153 SLN	
Ma 148A	3-0-6	Topics in Mathematical Physics	01	Demirel-Frank, S	TR 10:30 - 11:55	257 SLN	
Ma 151A	3-0-6	Algebraic and Differential Topology	01	Liu, Y	MWF 10:00 - 10:55	153 SLN	
Ma 157A	3-0-6	Riemannian Geometry	01	Gupta, S	TR 13:00 - 14:25	257 SLN	
Ma 160A	3-0-6	Number Theory	01	Flach, M	MWF 14:00 - 14:55	257 SLN	
Ma 191A	3-0-6	Selected Topics in Mathematics <i>Sec 1: Descriptive Set Theory I // Sec 2: cancelled // Sec 3: cancelled// Sec 4: Nonlinear Partial Differential Equations</i>	01	Marks, A	MW 13:00 - 14:25	159 SLN	
			02	Liu, Y	A	A	
			03	Baba, S	A	A	
			04	Staff	TR 09:00 - 10:25	257 SLN	
SS/Ma 214	3-0-6	Mathematical Finance	01	Cvitanic, J	TR 17:00 - 18:25	A	
Ma 290	+	Reading	01	Aschbacher, M	A	A	P
			02	Frank, R	A	A	P
			03	Calegari, D	A	A	P
			04	Flach, M	A	A	P
			05	Graber, T	A	A	P
			06	Kechris, A	A	A	P
			07	Makarov, N	A	A	P
			08	Mantovan, E	A	A	P
			09	Marcolli, M	A	A	P
			10	Rains, E	A	A	P
			11	Ramakrishnan, D	A	A	P
			12	Simon, B	A	A	P

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<b>MATHEMATICS</b>							
Ma 290	+	Reading	13	Wilson, R	A	A	P
			14	Ni, Y	A	A	P
			15	Markovic, V	A	A	P
Ma 390	+	Research	01	Aschbacher, M	A	A	P
			02	Borodin, A	A	A	P
			03	Calegari, D	A	A	P
			04	Flach, M	A	A	P
			05	Graber, T	A	A	P
			06	Kechris, A	A	A	P
			07	Makarov, N	A	A	P
			08	Mantovan, E	A	A	P
			09	Marcolli, M	A	A	P
			10	Rains, E	A	A	P
			11	Ramakrishnan, D	A	A	P
			12	Simon, B	A	A	P
			13	Wilson, R	A	A	P
			14	Gukov, S	A	A	P
			15	Desbrun, M	A	A	P
			16	Ni, Y	A	A	P
			17	Preskill, J	A	A	P
<b>MECHANICAL ENGINEERING</b>							
ME 013	0-4-0	Introduction to Mechanical Prototyping <i>Formerly ME 170 // OM meets Tuesday, 10/8/13 //            Maximum enrollment: 25 students between ME            13 and 130. // Students must submit a            questionnaire available at the Registrar's Office            by June 1st.</i>	01	Van Deusen, J	OM,T 18:00 - 19:55	024 SPL	P
ME 035A	3-0-6	Statics and Dynamics	01	Hall, J	TR 13:00 - 14:25	206 TOM	G
ME 065	3-0-6	Mechanics of Materials <i>Taught concurrently with Ae/AM/CE/ME 102A</i>	01	Ortiz, M	TR 09:00 - 10:25	101 GUG	

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ME 066	3-0-6	Vibration <i>Taught concurrently with AM/CE 151a</i>	01	Heaton, T	MWF 10:00 - 10:55	306 TOM	G
ME 072A	3-4-2	Engineering Design Laboratory	01	Van Deusen, J	TR 15:00 - 16:25	306 TOM	G
ME 090A	0-0-9	Senior Thesis, Experimental	01	Colonus, T	A	A	G
ME 100	+	Advanced Work in Mechanical Engineering	01 02 03 04	Hunt, M Shepherd, J Colonus, T Scherer, A	A A A A	A A A A	P P P P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Colonus, T	MWF 10:00 - 10:55	101 GUG	
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with ME 65</i>	01	Ortiz, M	TR 09:00 - 10:25	101 GUG	G
E/ME 103	3-0-6	Management of Technology	01	Pickar, K	TR 14:30 - 15:55	206 TOM	
EST/EE/ME 109	3-0-6	Energy Technology and Policy	01	Rutledge, D	TR 14:30 - 15:55	A	
ME 110	+	Special Laboratory Work in Mechanical Engineering	01	Staff	A	A	P
ME 130	0-4-0	Introduction to Mechanical Prototyping <i>Formerly ME 170 // OM meets Tuesday, 10/8/13 // Maximum enrollment: 25 students between ME 13 and 130. // Students must submit a questionnaire available in the Registrar's Office by June 1st.</i>	01	Van Deusen, J	OM,T 18:00 - 19:55	024 SPL	P
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	A	A	P
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>updated class time</i>	01	Kochmann, D	TR 14:30 - 15:55	A	G

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ME 200	+	Advanced Work in Mechanical Engineering	01	Staff	A	A	P
Ae/AM/MS/ME 213	3-0-6	Mechanics and Materials Aspects of Fracture	01	Gdoutos, E	A	A	
ME 300	+	Research in Mechanical Engineering	01	Andrade, J	A	A	P
			02	Bellan, P	A	A	P
			03	Bhattacharya, K	A	A	P
			04	Daraio, C	A	A	P
			05	Burdick, J	A	A	P
			06	Colonus, T	A	A	P
			07	Hunt, M	A	A	P
			08	Murray, R	A	A	P
			09	Ortiz, M	A	A	P
			10	Dabiri, J	A	A	P
			11	Ravichandran, G	A	A	P
			12	Shepherd, J	A	A	P
			13	Fultz, B	A	A	P
			14	Greer, J	A	A	P
			16	Adkins, J	A	A	P
			17	Leonard, A	A	A	P
			18	Lapusta, N	A	A	P
			19	Gharib, M	A	A	P
			20	Brady, J	A	A	P
			21	Dabiri, J	A	A	P
			22	Troian, S	A	A	P
			25	Haile, S	A	A	P
			26	Atwater, H	A	A	P
			27	Blanquart, G	A	A	P
			28	McKeon, B	A	A	P
			29	Hoffmann, M	A	A	P
			30	Kochmann, D	A	A	P
			31	Minnich, A	A	A	P

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<b>MEDICAL ENGINEERING</b>							
EE/MedE 115	3-0-6	Micro-/Nano-scales Electro-Optics	01	Choo, H	MW 14:30 - 15:55	080 MRE	G
<b>MUSIC</b>							
Mu 021	3-0-6	Understanding Music	01	Neenan, T	MW 14:30 - 15:55	19 BAX	
Mu 027	3-0-6	Fundamentals of Music Theory and Elementary Ear Training <i>Maximum enrollment: 15 students</i>	01	Neenan, T	MW 11:00 - 12:25	19 BAX	
<b>NEUROBIOLOGY</b>							
Bi/CNS/NB 150	4-0-6	Introduction to Neuroscience <i>Maximum enrollment: 15 students per section</i>	01	Lester, H / Adolphs, R	MWF 11:00 - 11:55	100 - Rock Auditorium BRD 101 KRK	
					R 13:30 - 14:25		
			02	Lester, H / Adolphs, R	MWF 11:00 - 11:55	100 - Rock Auditorium BRD 101 KRK	
					R 15:00 - 15:55		
03	Lester, H / Adolphs, R	MWF 11:00 - 11:55	100 - Rock Auditorium BRD 101 KRK				
		R 19:00 - 19:55					
04	Lester, H / Adolphs, R	MWF 11:00 - 11:55	100 - Rock Auditorium BRD 101 KRK				
		R 20:00 - 20:55					
CNS/Bi/Ph/CS/NB 187	3-0-6	Neural Computation	01	Perona, P	TR 10:30 - 11:55	080 MRE	
Bi/CNS/NB 216	2-0-4	Behavior of Mammals	01	Allman, J	F 14:00 - 15:55	200 BRD	
<b>PERFORMANCE AND ACTIVITIES</b>							
PA 016A	0-3-0	Cooking Basics <i>Open by lottery only; See the Regis home page for info//Maximum enrollment: 16 students//Location: 400 S. Hill</i>	01	Staff	T 18:30 - 21:25	A	P

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<b>PERFORMANCE AND ACTIVITIES</b>							
PA 030A	0-3-0	Guitar	01	Elgart, M	T 16:30 - 17:25	Library AVE	P
		<i>Sec 1: Beginning Guitar / Sec 2: Intermediate</i>	02	Elgart, M	T 15:30 - 16:25	Library AVE	P
		<i>Guitar / Sec 3: Advanced Guitar</i>	03	Elgart, M	T 17:30 - 18:25	Library AVE	P
PA 031A	0-3-0	Chamber Music	01	Bing, D	OM,A	A	P
		<i>Sec 1: Mixed Ensembles // Sec 2: Piano four-</i>	02	Ward, R	OM,A	A	P
		<i>hands // Sec. 3: Guitar Ensemble</i>	03	Elgart, M	OM,A	A	P
PA 032A	0-3-0	Symphony Orchestra	01	Gross, A	T 19:30 - 22:15	Ramo Auditorium BAX	P
PA 033A	0-3-0	Concert Band	01	Bing, W	R 19:15 - 21:25	Ramo Auditorium BAX	P
PA 034A	0-3-0	Jazz Band	01	Bing, W	M 19:15 - 21:00	Ramo Auditorium BAX Ramo Auditorium BAX	P
					M 21:15 - 22:45		
PA 035A	0-3-0	Women's Glee Club	01	Sulahian, N	M 19:30 - 21:25 W 17:00 - 17:55	Basement BCK Basement BCK	P
PA 036A	0-3-0	Men's Glee Club	01	Sulahian, N	M 19:30 - 21:25 W 17:00 - 17:55	Basement BCK Basement BCK	P
PA 037A	0-3-0	Chamber Singers	01	Sulahian, N	W 18:00 - 18:55	Basement BCK	P
PA 040A	2-0-1	Theater Arts	01	Brophy, B	OM,T 19:30 - 20:25	TCT	P
PA 061A	0-3-0	Silkscreen and Silk Painting	01	Barry, J	M 19:00 - 21:55	Garage TCT	P
PA 062A	0-3-0	Drawing and Painting	01	Barry, J	T 19:00 - 21:55	Garage TCT	P
PA 063A	0-3-0	Ceramics	01	Freed, S	W 19:00 - 21:55	Ceramic Room POLY	P
PA 070A	2-0-1	Student-Taught Courses	01	Quartz, S	M 17:00 - 17:55	A	P
		<i>Section 1: Introductory Korean for Non-Native</i>	02	Weinstein, C	OM,M 19:00 - 19:55	A	P

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<b>PHILOSOPHY</b>							
Hum/PI 008	3-0-6	Right and Wrong <i>Maximum enrollment: 15 students per section//Class closed to continuing students until term start.</i>	01	Quartz, S	TR 13:00 - 14:25	A	
			02	Quartz, S	TR 14:30 - 15:55	A	
Hum/PI 009	3-0-6	Knowledge and Reality <i>Maximum enrollment: 15 students per section//Class closed to continuing students until term start.</i>	01	Eberhardt, F	TR 09:00 - 10:25	A	
			02	Eberhardt, F	TR 14:30 - 15:55	A	
PI 090A	1-0-8	Senior Thesis	01	Staff	A	A	G
PI 098	+	Reading in Philosophy	01	Hitchcock, C	A	A	P
HPS/PI 120	3-0-6	Introduction to Philosophy of Science <i>Maximum enrollment: 25 students</i>	01	Hitchcock, C	TR 10:30 - 11:55	A	
HPS/PI 124	3-0-6	Philosophy of Space and Time <i>Maximum enrollment: 25 students</i>	01	Hitchcock, C	TR 14:30 - 15:55	A	
PI 151	3-0-6	18th-Century Philosophy: Locke to Kant <i>Maximum enrollment: 15 students</i>	01	Manning, G	R 13:00 - 15:55	A	
<b>PHYSICAL EDUCATION</b>							
PE 001	3-0-0	Student Designed Fitness	01	Eslinger, O / Lillie, T	MW 13:00 - 13:55	BAC	P
PE 002	3-0-0	Healthier Living	01	Lillie, T	TR 14:00 - 15:25	BAC	P
PE 003	3-0-0	Hiking <i>Open by lottery only; see REGIS home page for info</i>	01	Marbut, S / Mark, M	F 11:00 - 14:55	BAC	P
PE 004	3-0-0	Introduction to Power Walking	01	Stevenson, M	TR 10:00 - 11:25	BAC	P

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<b>PHYSICAL EDUCATION</b>							
PE 006	3-0-0	Core Training, Beginning/Intermediate	01	Marbut, S	TR 13:00 - 14:25	MPR BAC	P
PE 008	3-0-0	Fitness Training, Beginning	01	Lindsay, J / Carter, J	MW 13:00 - 14:25	MPR BAC	P
PE 010	3-0-0	Aerobic Dance	01	Waterman, D	MW 19:00 - 20:25	MPR BAC	P
PE 024	3-0-0	Yoga, Beginning	01	Flynn, K / Alvarado-Orozco, J	TR 20:00 - 21:55	MPR BAC	P
PE 027	3-0-0	Ultimate Frisbee	01	Boortz, S / Landesman, J	TR 19:30 - 20:55	SOF BAC	P
PE 031	3-0-0	Indoor/Outdoor Cycling	01	Gamble, M	WF 14:00 - 15:55	BAC	P
PE 035	3-0-0	Diving, Beginning/Intermediate	01	Staff	TR 10:30 - 11:55	POOL BAC	P
PE 036	3-0-0	Swimming, Beginning/Intermediate and Advanced	01	Morgan, H	MW 14:00 - 15:25	POOL BAC	P
PE 044	3-0-0	Karate (Shotokan), Beginning and Intermediate/Advanced	01	Teramoto, K	TR 16:00 - 17:25	MPR BAC	P
PE 054	3-0-0	Racquetball, Beginning and Intermediate/Advanced	01	Mark, M	MW 10:00 - 11:25	BAC	P
PE 060	3-0-0	Tennis, Beginning, Intermediate, and Advanced	01	Uribe, R	MWF 13:00 - 13:55	TCT BAC	P
PE 070	3-0-0	Weight Training, Beginning/Intermediate	01	Stevenson, M	MW 09:00 - 10:25	BAC	P
PE 080A	1-1-1	Health Advocates	01	Stapf, M	W 19:00 - 21:55	YHC	P
PE 081	3-0-0	Bouldering	01	Staff	R 17:00 - 17:55 T 16:00 - 17:55	BAC BAC	P



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<b>PHYSICAL EDUCATION</b>							
PE 083A	3-0-0	Intercollegiate Basketball Team (Women)	01	Marbut, S	MTWRFS 16:00 - 17:55	BAC	P
PE 084	3-0-0	Table Tennis, Beginning, Intermediate, and Advanced	01	Gamble, M	TR 10:30 - 11:55	BRW	P
PE 087A	3-0-0	Intercollegiate Swimming Team (Men and Women)	01	Staff	MTWRFS 16:00 - 17:55	POOL BAC	P
PE 089A	3-0-0	Intercollegiate Fencing Team (Men and Women)	01	Corbit, C	TR 20:00 - 21:55	BRW	P
PE 090A	3-0-0	Intercollegiate Water Polo Team (Men & Women)	01	Staff	MTWRFS 16:00 - 17:55	POOL BAC	P
PE 091A	3-0-0	Intercollegiate Basketball Team (Men)	01	Eslinger, O	MTWRFS 16:00 - 17:55	BAC	P
PE 092	3-0-0	Intercollegiate Soccer Team (Men)	01	Uribe, R	MTWRFS 16:00 - 17:55	NOF BAC	P
PE 097	3-0-0	Intercollegiate Cross Country Team (Men and Women)	01	Jung, S	MTWRFS 16:00 - 17:55	TRK BAC	P
PE 099	3-0-0	Intercollegiate Volleyball Team (Women)	01	Lindsay, J	MTWRFS 16:00 - 17:55	BAC	P
<b>PHYSICS</b>							
Ph 001A	4-0-5	Classical Mechanics and Electromagnetism	01	Patterson, R	WF 11:00 - 11:55	201 BRG	P
					MR 13:00 - 13:55	103 DWN	
			02	Patterson, R	WF 11:00 - 11:55	201 BRG	P
					MR 15:00 - 15:55	119 KRK	
			03	Patterson, R	WF 11:00 - 11:55	201 BRG	P
					MR 13:00 - 13:55	142 KCK	
			04	Patterson, R	WF 11:00 - 11:55	201 BRG	P
					MR 15:00 - 15:55	142 KCK	
			05	Patterson, R	WF 11:00 - 11:55	201 BRG	P
					MR 13:00 - 13:55	119 DWN	

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<b>PHYSICS</b>							
Ph 001A	4-0-5	Classical Mechanics and Electromagnetism	06	Patterson, R	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 103 DWN	P
			07	Patterson, R	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 27 GTS	P
			08	Patterson, R	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 11 DWN	P
			09	Patterson, R	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 11 DWN	P
			10	Patterson, R	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 119 DWN	P
			Ph 002A	4-0-5	Waves, Quantum Mechanics, and Statistical Physics <i>Maximum enrollment: 35 students per section</i>	01	Martin, C / Hsieh, D
			02	Martin, C / Hsieh, D	TR 11:00 - 11:55 WF 11:00 - 11:55	201 BRG 11 DWN	G
			03	Martin, C / Hsieh, D	TR 11:00 - 11:55 WF 11:00 - 11:55	201 BRG 119 DWN	G
			04	Martin, C / Hsieh, D	TR 11:00 - 11:55 WF 13:00 - 13:55	201 BRG 102 STL	G
			05	Martin, C / Hsieh, D	TR 11:00 - 11:55 WF 19:00 - 19:55	201 BRG 103 DWN	G
			06	Martin, C / Hsieh, D	TR 11:00 - 11:55 WF 15:00 - 15:55	201 BRG 11 DWN	G
			07	Martin, C / Hsieh, D	TR 11:00 - 11:55 WF 15:00 - 15:55	201 BRG 119 DWN	G
Ph 003	0-3-3	Physics Laboratory <i>Maximum enrollment: 16 students per section // Graded P/F; letter grades by petition only</i>	01	Sannibale, V / Libbrecht, K	W 13:00 - 15:55	308 BRG	P
			02	Sannibale, V / Libbrecht, K	R 13:00 - 15:55	308 BRG	P
			03	Sannibale, V / Libbrecht, K	F 13:00 - 15:55	308 BRG	P
FS/Ph 004	2-0-4	Freshman Seminar: Gravitational Waves	01	Weinstein, A	A	A	P

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<b>PHYSICS</b>							
Ph 005	0-5-4	Analog Electronics for Physicists	01	Sannibale, V / Rice, F / Libbrecht, K	OM,T 15:00 - 15:55	201 BRG	
FS/Ph 009	2-0-4	Freshman Seminar: The Science of Music <i>Maximum enrollment: 11 students</i>	01	Politzer, H	MW 13:00 - 13:55	248 LAU	P
Ph 010	2-0-1	Frontiers in Physics <i>Maximum enrollment: 33 students</i>	01	Prince, T	W 12:00 - 13:55	114 EBRG	P
FS/Ph 011A	2-0-4	Freshman Seminar: Research Tutorial	01	Tombrello, T	A	201 SLN	P
Ph 012A	4-0-5	Waves, Quantum Physics, and Statistical Mechanics	01	Kimble, H	TR 10:30 - 11:55	269 LAU	G
FS/Bi/Ph 013	2-0-4	Freshman Seminar: In Search of Memory <i>Maximum enrollment: 13 students</i>	01	Pine, J	T 14:00 - 15:55	248 LAU	P
FS/Ph 014	2-0-4	Freshman Seminar: Albatrosses, Beetles and Cetaceans	01	Stevenson, D	A	A	P
Ph 020	0-6-0	Computational Physics Laboratory I	01	Mach, C / Prince, T	OM,M 15:00 - 15:55	304 BRG	P
Ph 050A	1-0-3	Caltech Physics League	01	Refael, G	OM,M 14:00 - 14:55	114 EBRG	
Ph 070	2-0-4	Oral and Written Communication	01	Hitlin, D	T 14:00 - 15:55	469 LAU	
Ph 077A	0-5-4	Advanced Physics Laboratory	01	Black, E / Libbrecht, K	OM,M 15:00 - 15:55	210 BRG	G
Ph 077B	0-5-4	Advanced Physics Laboratory	01	Black, E / Libbrecht, K	OM,M 15:00 - 15:55	210 BRG	G
Ph 078A	9-0-0	Senior Thesis, Experimental	01	Stone, E	A	A	P
Ph 079A	9-0-0	Senior Thesis, Theoretical	01	Stone, E	A	A	P

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<b>PHYSICS</b>							
Ph 105	3-0-6	Analog Electronics for Physicists	01	Sannibale, V / Rice, F / Libbrecht, K	OM,T 15:00 - 15:55	201 BRG	G
Ph 106A	3-0-6	Topics in Classical Physics	01	Cross, M	TR 10:30 - 11:55	107 DWN	
Ph/APh/EE/BE 118A	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	
Ph 125A	3-0-6	Quantum Mechanics	01	Wise, M	MWF 10:00 - 10:55	107 DWN	
Ph 127A	3-0-6	Statistical Physics	01	Alicea, J	TR 13:00 - 14:25	107 DWN	
Ph 129A	3-0-6	Mathematical Methods of Physics	01	Schwarz, J	TR 10:30 - 11:55	103 DWN	
Ph 171	+	Reading and Independent Study	01	Preskill, J	A	A	P
			02	Refael, G	A	A	P
			03	Cross, M	A	A	P
			04	Carroll, S	A	A	P
			05	Schwarz, J	A	A	P
			06	Phillips, R	A	A	P
			07	Motrunich, O	A	A	P
			08	Kapustin, A	A	A	P
			09	Simon, B	A	A	P
			10	Chen, Y	A	A	P
			11	Porter, F	A	A	P
			12	Cheung, C	A	A	P
			17	Wilson, R	A	A	P
			19	Libbrecht, K	A	A	P
			20	Troian, S	A	A	P
			21	Phinney, E	A	A	P
			22	Gukov, S	A	A	P
			24	Oguri, H	A	A	P
			25	Wise, M	A	A	P

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<b>PHYSICS</b>							
Ph 171	+	Reading and Independent Study	26	Golwala, S	A	A	P
			27	Weinstein, A	A	A	P
			28	Makarov, N	A	A	P
Ph 172	+	Research in Experimental Physics	01	Barish, B	A	A	P
			02	Koch, C	A	A	P
			03	Golwala, S	A	A	P
			04	Bellan, P	A	A	P
			05	Eisenstein, J	A	A	P
			06	Filippone, B	A	A	P
			07	Scherer, A	A	A	P
			08	Wise, M	A	A	P
			09	Flagan, R	A	A	P
			10	Adhikari, R	A	A	P
			11	Harrison, F	A	A	P
			12	Hitlin, D	A	A	P
			13	Porter, F	A	A	P
			14	Scoville, N	A	A	P
			15	Fraser, S	A	A	P
			16	Kimble, H	A	A	P
			17	Prince, T	A	A	P
			18	Zewail, A	A	A	P
			19	Libbrecht, K	A	A	P
			20	Patterson, R	A	A	P
			21	Martin, C	A	A	P
			22	Troian, S	A	A	P
			23	Hsieh, D	A	A	P
			24	Beauchamp, J	A	A	P
			25	Bock, J	A	A	P
			26	Phillips, R	A	A	P
			27	Winfrey, E	A	A	P
			28	Heath, J	A	A	P
			29	Atwater, H	A	A	P
			30	Hsieh, D	A	A	P

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Ph 172	+	Research in Experimental Physics	31	Okumura, M	A	A	P
			32	Haile, S	A	A	P
			33	Schwab, K	A	A	P
			34	Roukes, M	A	A	P
			35	Stone, E	A	A	P
			36	Pine, J	A	A	P
			37	Ott, C	A	A	P
			42	Weinstein, A	A	A	P
			44	Yeh, N	A	A	P
			46	Zmuidzinas, J	A	A	P
			49	Newman, H	A	A	P
			50	Painter, O	A	A	P
			51	Vahala, K	A	A	P
			52	Readhead, A	A	A	P
			53	Fraser, S	A	A	P
			54	Guo, C	A	A	P
55	Spiropulu, M	A	A	P			
56	Eisenstein, J	A	A	P			
Ph 173	+	Research in Theoretical Physics	01	Schwarz, J	A	A	P
			02	Motrunich, O	A	A	P
			03	Phinney, E	A	A	P
			04	Marcus, R	A	A	P
			05	Carroll, S	A	A	P
			06	Filippone, B	A	A	P
			07	Zewail, A	A	A	P
			08	Troian, S	A	A	P
			09	Simon, B	A	A	P
			10	Porter, F	A	A	P
			11	Gukov, S	A	A	P
			12	Ott, C	A	A	P
			13	Hirata, C	A	A	P
			14	Atwater, H	A	A	P
			15	Kapustin, A	A	A	P

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Ph 173	+	Research in Theoretical Physics	16	Chen, Y	A	A	P
			17	Alicea, J	A	A	P
			18	Hopkins, P	A	A	P
			19	Scheel, M	A	A	P
			24	Oguri, H	A	A	P
			25	Cheung, C	A	A	P
			30	Preskill, J	A	A	P
			39	Thorne, K	A	A	P
			43	Wise, M	A	A	P
			44	Cross, M	A	A	P
			47	Phillips, R	A	A	P
			49	Wilson, R	A	A	P
			50	Kitaev, A	A	A	P
			51	Refael, G	A	A	P
52	Goddard, W	A	A	P			
CNS/Bi/Ph/CS/NB 187	3-0-6	Neural Computation	01	Perona, P	TR 10:30 - 11:55	080 MRE	
Ph 205A	3-0-6	Relativistic Quantum Mechanics	01	Kapustin, A	MW 10:30 - 11:55	269 LAU	P
Ph 217	3-0-6	Introduction to the Standard Model	01	Cheung, C	TF 14:30 - 15:55	269 LAU	
Ph/CS 219A	3-0-6	Quantum Computation	01	Preskill, J / Kitaev, A	MW 14:30 - 15:55	269 LAU	
Ph/APh 223A	3-0-6	Advanced Condensed-Matter Physics	01	Yeh, N	MW 11:00 - 12:25	107 DWN	
Ph 230A	3-0-6	Elementary Particle Theory	01	Gukov, S	MW 09:00 - 10:25	469 LAU	
Ph 236A	3-0-6	Relativity	01	Chen, Y / Adhikari, R	MW 13:00 - 14:25	107 DWN	

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<b>PHYSICS</b>							
Ph 242A	2-0-1	Physics Seminar	01	Stone, E	F 12:00 - 13:55	114 BRG	P
Ph 300	+	Thesis Research	01	Newman, H	A	A	P
			02	Zmuidzinas, J	A	A	P
			03	Cross, M	A	A	P
			04	Kennedy, M	A	A	P
			05	Phillips, T	A	A	P
			06	Filippone, B	A	A	P
			07	Marcolli, M	A	A	P
			08	Bock, J	A	A	P
			09	Readhead, A	A	A	P
			10	Phillips, R	A	A	P
			11	Harrison, F	A	A	P
			12	Hitlin, D	A	A	P
			13	Eisenstein, J	A	A	P
			14	Oguri, H	A	A	P
			15	Barish, B	A	A	P
			16	Kimble, H	A	A	P
			17	Zewail, A	A	A	P
			18	Lester, H	A	A	P
			19	Libbrecht, K	A	A	P
			20	Desbrun, M	A	A	P
			21	Martin, A	A	A	P
			22	Martin, C	A	A	P
			23	McKeown, R	A	A	P
			24	Kapustin, A	A	A	P
			25	Bellan, P	A	A	P
			26	Winfree, E	A	A	P
			27	Ellis, R	A	A	P
			28	Motrunich, O	A	A	P
			29	Refael, G	A	A	P
			30	Preskill, J	A	A	P
			31	Adhikari, R	A	A	P



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Ph 300	+	Thesis Research	32	Gukov, S	A	A	P
			33	Painter, O	A	A	P
			34	Roukes, M	A	A	P
			35	Kitaev, A	A	A	P
			36	Schwarz, J	A	A	P
			37	Marcus, R	A	A	P
			38	Stone, E	A	A	P
			39	Thorne, K	A	A	P
			41	Golwala, S	A	A	P
			42	Wilson, R	A	A	P
			43	Wise, M	A	A	P
			44	Yeh, N	A	A	P
			45	Troian, S	A	A	P
			46	Gharib, M	A	A	P
			47	Weinstein, A	A	A	P
			48	Chen, Y	A	A	P
			49	Fraser, S	A	A	P
			50	Spiropulu, M	A	A	P
			51	Phinney, E	A	A	P
			52	Heath, J	A	A	P
54	Ott, C	A	A	P			
55	Atwater, H	A	A	P			
56	Carroll, S	A	A	P			
57	Daraio, C	A	A	P			
<b>POLITICAL SCIENCE</b>							
PS 012	3-0-6	Introduction to Political Science	01	Ordeshook, P	MWF 15:00 - 15:55	A	
PS 099A	3-0-6	Political Science Research Seminar	01	Ordeshook, P	A	A	
PS 132	3-0-6	Formal Theories in Political Science	01	Agranov, M	TR 13:00 - 14:25	A	G

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>POLITICAL SCIENCE</b>							
Ec/PS 160A	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260 // Ec/PS 190A required for 190B and 190C //Maximum enrollment: 10 students in 160a and SS 260</i>	01	Plott, C	TR 09:00 - 10:25	A	G
<b>PSYCHOLOGY</b>							
Psy016	3-0-6	Understanding Psychological Disorders <i>Open by lottery only - See REGIS Home page for details // Maximum enrollment: 25 students</i>	01	Paul, L	TR 10:30 - 11:55	A	
Psy/CNS 105A	1.5-0-3.5	Frontiers in Neuroeconomics	01	O'Doherty, J	M 10:30 - 11:55	A	
Ec/Psy 109	3-0-6	Frontiers in Behavioral Economics	01	Camerer, C	TR 10:30 - 11:55	A	
<b>SOCIAL SCIENCE</b>							
SS 098	+	Reading in Social Science	01	Staff	A	A	P
SS/CS 149	3-0-6	Introduction to Algorithmic Economics	01	Ligett, K	MW 10:30 - 11:55	A	
SS 201A	3-0-6	Analytical Foundations of Social Science <i>Open to Social Science graduate students only.</i>	01	Saito, K	TR 17:00 - 18:25	A	G
SS 202A	3-0-6	Political Theory <i>Open to Social Science graduate students only.</i>	01	Palfrey, T	TR 09:00 - 10:25	A	G
SS 205A	3-0-6	Foundations of Economics <i>Open to Social Science graduate students only.</i>	01	Border, K	TR 14:30 - 15:55	A	G
SS 210A	3-0-6	Foundations of Political Economy	01	Agranov, M	W 13:00 - 15:55	A	G
SS/Ma 214	3-0-6	Mathematical Finance	01	Cvitanic, J	TR 17:00 - 18:25	A	

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<b>SOCIAL SCIENCE</b>							
SS 222A	3-0-6	Econometrics <i>Open to graduate students only.</i>	01	Shum, M	MW 13:00 - 14:25	A	G
SS 223A	3-0-6	Advanced Topics in Econometric Theory	01	Sherman, R	TR 10:30 - 11:55	A	
SS 229A	3-0-6	Theoretical and Quantitative Dimensions of Historical Development	01	Rosenthal, J	MW 13:00 - 14:25	A	G
SS 231A	3-0-6	American Politics <i>Open to graduate students only.</i>	01	Alvarez, R	T 13:00 - 15:55	A	G
SS 260	3-3-3	Experimental Methods of Political Economy <i>Taught concurrently with Ec/PS 160 // Note: sec a required for secs b and c /Maximum enrollment: 10 students in 160a &amp; 260a</i>	01	Plott, C	TR 09:00 - 10:25	A	G
SS 282A	2-0-1	Graduate Proseminar in Social Science	01	Rosenthal, J	M 14:30 - 15:55	A	P
SS 300	+	Research in Social Science	01	Ledyard, J	A	A	P
			02	Plott, C	A	A	P
			03	Echenique, F	A	A	P
			04	Camerer, C	A	A	P
			05	Katz, J	A	A	P
			06	Cvitanic, J	A	A	P
			08	Bossaerts, P	A	A	P
			09	Rangel, A	A	A	P
			10	Kiewiet, D	A	A	P
			11	Alvarez, R	A	A	P
			12	Sherman, R	A	A	P
			13	Jackson, M	A	A	P
			15	Goeree, J	A	A	P
			16	Rosenthal, J	A	A	P
			17	Yariv, L	A	A	P
			18	Palfrey, T	A	A	P
			19	Shum, M	A	A	P

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<b>SOCIAL SCIENCE</b>							
SS 300	+	Research in Social Science	20	Gillen, B	A	A	P
			21	Ortoleva, P	A	A	P
			22	Hoffman, P	A	A	P
			23	O'Doherty, J	A	A	P
			24	Lester, H	A	A	P
<b>STUDY ABROAD</b>							
CAM100	36-0-0	Cambridge Scholars Program	01	Staff	A	A	P
CPH100	36-0-0	Copenhagen Scholars Program	01	Staff	A	A	P
UCL100	36-0-0	University College London Scholars Program	01	Staff	A	A	P
EDN100	36-0-0	University of Edinburgh Scholars Program	01	Staff	A	A	P
EPT100	36-0-0	Ecole Polytechnique Scholars Program	01	Staff	A	A	P
MEL100	0-0-0	Melbourne Scholars Program	01	Staff	A	A	P
<b>WRITING</b>							
Wr 001	3-0-6	Introduction to Academic Writing for Multilingual Writers	01	Hall, S	TR 14:30 - 15:55	A	P
Wr 002	3-0-6	Introduction to Academic Writing	01	Daley, C	TR 09:00 - 10:25	A	P
			02	Daley, C	TR 14:30 - 15:55	A	P
			03	Daley, C	MW 13:00 - 14:25	A	P