

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	Ravichandran, G	A	A	P
			03	Rosakis, A	A	A	P
			04	McKeown, R	A	A	P
			05	Dimotakis, P	A	A	P
			06	McKeon, B	A	A	P
			07	Dabiri, J	A	A	P
			08	Daraio, C	A	A	P
Ae/APh/CE/ME 101C	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	101 GUG	G
Ae/AM/CE/ME 102C	3-0-6	Mechanics of Structures and Solids	01	Bhattacharya, K	TR 09:00 - 10:25	101 GUG	G
Ae/APh 104C	1-3-5	Experimental Methods	01	McKeon, B	TR 10:30 - 11:55	202 GUG	G
Ae 105C	3-0-6	Aerospace Engineering	01	Davis, G / Kim, Y	R 10:30 - 12:25	A	G
Ae/ME 120B	3-0-6	Combustion Fundamentals	01	Blanquart, G	MWF 14:00 - 14:55	306 FIR	
Ae 121C	3-0-6	Space Propulsion	01	Polk, J	A	A	G
Ae 150C	1-0-0	Aerospace Engineering Seminar	01	Meiron, D	M 13:00 - 13:55	101 GUG	P
Ae 200	+	Advanced Research in Aerospace	01	Bellan, P	A	A	P
			02	Schneider, T	A	A	P
			03	Pellegrino, S	A	A	P
			04	Dimotakis, P	A	A	P
			05	Gharib, M	A	A	P
			06	Hornung, H	A	A	P
			07	McKeon, B	A	A	P
			08	Leonard, A	A	A	P

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<b>AERONAUTICS</b>							
Ae 200	+	Advanced Research in Aerospace	09	Murray, R	A	A	P
			10	Ortiz, M	A	A	P
			11	Pullin, D	A	A	P
			12	Ravichandran, G	A	A	P
			13	Rosakis, A	A	A	P
			14	Bhattacharya, K	A	A	P
			15	Colonius, T	A	A	P
			16	Shepherd, J	A	A	P
			17	Blake, G	A	A	P
			18	Lapusta, N	A	A	P
			19	Troian, S	A	A	P
			20	Daraio, C	A	A	P
			21	Dabiri, J	A	A	P
			22	Blanquart, G	A	A	P
Ae 208C	1-0-0	GALCIT Colloquium	01	McKeon, B / Pellegrino, S	F 15:00 - 15:55	101 GUG	P
Ae/ACM/ME 232C	3-0-6	Computational Fluid Dynamics	01	Meiron, D	TR 14:30 - 15:55	101 GUG	
Ae 240	2-0-7	Special Topics in Fluid Mechanics: Adaptive Control <i>taught concurrently with CDS270, section 1</i>	01	Lavretsky, E	F 10:00 - 11:55	114 STL	
Ae 244	3-0-6	Mechanics of Nanomaterials	01	Daraio, C	TR 13:00 - 14:25	101 GUG	
Ae/Ge/ME 266B	3-0-6	Dynamic Fracture and Frictional Faulting	01	Lapusta, N	MF 14:00 - 15:25	306 TOM	
<b>ANTHROPOLOGY</b>							
An 022	3-0-6	Introduction to Sociocultural Anthropology <i>Maximum enrollment: 30 students</i>	01	Ensminger, J	MW 14:30 - 15:55	25 BAX	G
<b>APPLIED &amp; COMPUTATIONAL MATH</b>							

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<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
ACM095C	4-0-8	Introductory Methods of Applied Mathematics	01	Bruno, O	MWF 11:00 - 11:55 M 17:30 - 18:25	22 GTS 107 ANB	
			02	Bruno, O	MWF 11:00 - 11:55 F 16:00 - 16:55	22 GTS 103 DWN	
			03	Bruno, O	MWF 11:00 - 11:55 R 13:30 - 14:25	22 GTS 119 DWN	
			04	Bruno, O	MWF 11:00 - 11:55 M 15:00 - 15:55	22 GTS 107 DWN	
			05	Bruno, O	MWF 11:00 - 11:55 T 17:00 - 17:55	22 GTS 105 ANB	
			06	Bruno, O	MWF 11:00 - 11:55 T 15:00 - 15:55	22 GTS 11 DWN	
			07	Bruno, O	MWF 11:00 - 11:55	22 GTS	
			08	Bruno, O	MWF 11:00 - 11:55 R 16:00 - 16:55	22 GTS 106 ANB	
			09	Bruno, O	MWF 11:00 - 11:55	22 GTS	
			10	Bruno, O	MWF 11:00 - 11:55 R 11:00 - 11:55	22 GTS 101 KRK	
			11	Bruno, O	MWF 11:00 - 11:55	22 GTS	
ACM100C	4-0-8	Introductory Methods of Applied Mathematics	01	Bruno, O	MWF 11:00 - 11:55 M 17:30 - 18:25	22 GTS 107 ANB	
			02	Bruno, O	MWF 11:00 - 11:55 F 16:00 - 16:55	22 GTS 103 DWN	
			03	Bruno, O	MWF 11:00 - 11:55 R 13:30 - 14:25	22 GTS 119 DWN	
			04	Bruno, O	MWF 11:00 - 11:55 M 15:00 - 15:55	22 GTS 107 DWN	
			05	Bruno, O	MWF 11:00 - 11:55 T 17:00 - 17:55	22 GTS 105 ANB	
			06	Bruno, O	MWF 11:00 - 11:55 T 15:00 - 15:55	22 GTS 11 DWN	
			07	Bruno, O	MWF 11:00 - 11:55	22 GTS	
			08	Bruno, O	MWF 11:00 - 11:55	22 GTS	

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<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
ACM100C	4-0-8	Introductory Methods of Applied Mathematics	08	Bruno, O	R 16:00 - 16:55	106 ANB	
			09	Bruno, O	MWF 11:00 - 11:55	22 GTS	
			10	Bruno, O	MWF 11:00 - 11:55	22 GTS	
			11	Bruno, O	R 11:00 - 11:55	101 KRK	
			11	Bruno, O	MWF 11:00 - 11:55	22 GTS	
ACM106C	3-0-6	Introductory Methods of Computational Mathematics	01	Yan, P	TR 10:30 - 11:55	107 ANB	
Ma/ACM 142	3-0-6	Ordinary and Partial Differential Equations	01	Duits, M	TR 14:30 - 15:55	159 SLN	
ACM201B	4-0-8	Partial Differential Equations	01	Hou, Y	TR 14:30 - 15:55	106 ANB	
ACM210B	3-0-6	Numerical Methods for PDEs	01	Luo, G	MWF 13:00 - 13:55	314 ANB	
ACM217	3-0-6	Advanced Topics in Stochastic Analysis <i>taught concurrently with CDS270-2 and AM 125C</i>	01	Beck, J	TR 09:00 - 10:25	306 TOM	
Ae/ACM/ME 232C	3-0-6	Computational Fluid Dynamics	01	Meiron, D	TR 14:30 - 15:55	101 GUG	
ACM270	2-0-4	Advanced Topics in Applied and Computational Math	01	Owhadi, H	TR 13:00 - 14:25	107 ANB	P
ACM290C	1-0-0	Applied and Computational Mathematics Colloquium	01	Tropp, J	M 16:15 - 16:55	105 ANB	P
ACM300	+	Research in Applied and Computational Mathematics	01	Bruno, O	A	A	P
			02	Candes, E	A	A	P
			03	Desbrun, M	A	A	P
			04	Hou, Y	A	A	P
			05	Tropp, J	A	A	P
			08	Owhadi, H	A	A	P
			09	Hassibi, B	A	A	P
			10	Schroeder, P	A	A	P

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<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
ACM300	+	Research in Applied and Computational Mathematics	12	Ho, T	A	A	P
<b>APPLIED MECHANICS</b>							
Ae/AM/CE/ME 102C	3-0-6	Mechanics of Structures and Solids	01	Bhattacharya, K	TR 09:00 - 10:25	101 GUG	G
AM 125C	3-0-6	Engineering Mathematical Principles <i>taught concurrently with CDS270, section 2: Stochastic System Analysis and Bayesian Updating &amp; ACM217</i>	01	Beck, J	TR 09:00 - 10:25	306 TOM	G
AM 250	+	Research in Applied Mechanics	01	Beck, J	A	A	P
			02	Bhattacharya, K	A	A	P
			03	Daraio, C	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>							
APh017C	3-0-6	Thermodynamics	01	Crosignani, B	TR 14:30 - 15:55	104 WAT	G
APh024	0-4-2	Introductory Modern Optics Laboratory	01	Yu, N	OM,F 14:00 - 15:55	080 MRE	G
APh077C	0-9-0	Laboratory in Applied Physics	01	Bellan, P	OM,T 16:00 - 16:55	265 WAT	G
APh078C	0-9-0	Senior Thesis, Experimental	01	Atwater, H	A	A	G
			02	Painter, O	A	A	G
			03	Haile, S	A	A	G
			04	Scherer, A	A	A	G
			05	Vahala, K	A	A	G
			06	Bellan, P	A	A	G
			07	Troian, S	A	A	G

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<b>APPLIED PHYSICS</b>							
APh078C	0-9-0	Senior Thesis, Experimental	08	Phillips, R	A	A	G
			09	Lewis, N	A	A	G
			10	Dabiri, J	A	A	G
			11	Snyder, G	A	A	G
APh079C	0-9-0	Senior Thesis, Theoretical	01	Phillips, R	OM,A	A	G
			02	Goddard, W	A	A	G
APh100	+	Advanced Work in Applied Physics	01	Phillips, R	A	A	P
			02	Atwater, H	A	A	P
			03	Giapis, K	A	A	P
			04	Goddard, W	A	A	P
			05	Troian, S	A	A	P
			06	Haile, S	A	A	P
			07	Guo, C	A	A	P
			21	Yeh, N	A	A	P
			26	Painter, O	A	A	P
Ae/APh/CE/ME 101C	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	101 GUG	G
Ae/APh 104C	1-3-5	Experimental Methods	01	McKeon, B	TR 10:30 - 11:55	202 GUG	G
APh105C	3-0-6	States of Matter <i>offered concurrently with MS 105</i>	01	Fultz, B	MW 13:00 - 14:25	104 WAT	
APh109	0-6-3	Introduction to the Micro/Nanofabrication Lab	01	Ghaffari, A	OM,M 17:00 - 17:55	104 WAT	P
APh114C	3-0-6	Solid-State Physics	01	Atwater, H	MWF 11:00 - 11:55	104 WAT	
APh/EE 132	3-0-6	Optoelectronic Materials and Devices	01	Yariv, A	TR 09:00 - 10:25	104 WAT	
APh156C	3-0-6	Plasma Physics	01	Bellan, P	MWF 14:30 - 16:25	104 WAT	G

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<b>APPLIED PHYSICS</b>							
BE/APh/Ph 181	3-0-6	Biological Interfaces, Transduction, and Sensing	01	Roukes, M	TR 14:30 - 15:55	57 BRG	
APh/EE 183	3-0-6	Physics of Semiconductors and Semiconductor Devices	01	Atwater, H	TR 13:00 - 14:25	104 WAT	
APh190C	3-0-6	Quantum Electronics	01	Painter, O	MWF 10:00 - 10:55	104 WAT	
APh200	+	Applied Physics Research	02	Bellan, P	A	A	P
			03	Atwater, H	A	A	P
			04	Troian, S	A	A	P
			05	Johnson, W	A	A	P
			06	Chen, Y	A	A	P
			07	Daraio, C	A	A	P
			08	Vahala, K	A	A	P
			09	Greer, J	A	A	P
			10	Fultz, B	A	A	P
			11	Schwab, K	A	A	P
			12	Marcus, R	A	A	P
			13	Refael, G	A	A	P
			14	Lewis, N	A	A	P
			19	Dimotakis, P	A	A	P
			24	Roukes, M	A	A	P
			28	Yariv, A	A	A	P
			31	Winfree, E	A	A	P
			34	Bockrath, M	A	A	P
			35	Painter, O	A	A	P
			36	Fraser, S	A	A	P
			38	Roukes, M	A	A	P
			39	Scherer, A	A	A	P
			40	Phillips, R	A	A	P
			41	Jensen, G	A	A	P
			43	Kornfield, J	A	A	P
			44	Guo, C	A	A	P



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APh300	+	Thesis Research in Applied Physics	01	Yariv, A	A	A	P
			02	Kornfield, J	A	A	P
			03	Vahala, K	A	A	P
			04	Schwab, K	A	A	P
			05	Bockrath, M	A	A	P
			06	Jensen, G	A	A	P
			07	Winfree, E	A	A	P
			08	Fraser, S	A	A	P
			09	Fultz, B	A	A	P
			10	Atwater, H	A	A	P
			11	Desbrun, M	A	A	P
			16	Vahala, K	A	A	P
			21	Roukes, M	A	A	P
			26	Scherer, A	A	A	P
			27	Chen, Y	A	A	P
			31	Phillips, R	A	A	P
			33	Bellan, P	A	A	P
			36	Painter, O	A	A	P
			37	Guo, C	A	A	P
38	Zmuidzinas, J	A	A	P			
39	Troian, S	A	A	P			
<b>ART HISTORY</b>							
Art051	3-0-6	European Art of the 18th Century: From the Rococo to the Rise of Romanticism <i>Maximum enrollment: 15 students</i>	01	Spieth, D	W 19:00 - 21:55	210 BAX	G
Art052	3-0-6	British Art <i>Maximum enrollment: 25 students</i>	01	Bennett, S	MW 19:00 - 20:25	125 BAX	
H/Art 119	3-0-6	Art Worlds <i>Maximum enrollment: 15 students</i>	01	Hunter, M / Brewer, J	T 19:00 - 21:55	210 BAX	
<b>ASTROPHYSICS</b>							

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<b>ASTROPHYSICS</b>							
Ay 001	3-3-3	The Evolving Universe	01	Scoville, N	MWF 14:00 - 14:55	Hameetman Aud CHL	G
Ge/Ay 011C	3-0-6	Planetary Sciences <i>Taught concurrently with Ge 103</i>	01	Ingersoll, A	TR 14:30 - 15:55	162 SMD	
Ay 031	0-0-3	Writing in Astronomy <i>Open to declared Ay majors at the discretion of the instructor //Nonmajors who have taken Astronomy courses may be admitted, but must have prior approval of instructor. Maximum enrollment: 8 students</i>	01	Hillenbrand, L	R 16:00 - 16:55	219 CHL	
Ay 043	+	Reading in Astronomy and Astrophysics	01	Hillenbrand, L	A	A	P
			02	Ott, C	A	A	P
Ay 078C	+	Senior Thesis	01	Ellis, R	A	A	P
			02	Hillenbrand, L	A	A	P
			03	Readhead, A	A	A	P
			04	Steidel, C	A	A	P
			05	Cohen, J	A	A	P
Ay 105	0-6-4	Optical Astronomy Instrumentation Lab <i>Maximum Enrollment: 8 students</i>	01	Hillenbrand, L / Johnson, J	M 16:00 - 16:25 M 16:30 - 18:55 F 13:00 - 15:55	219 CHL 29 CHL 29 CHL	
Ay 111B	3-0-0	Introduction to Current Astrophysics Research	01	Sargent, W	F 15:00 - 15:55	219 CHL	
Ay 125	3-0-6	High-Energy Astrophysics	01	Ott, C / Weinstein, A	W 14:30 - 15:55 F 12:30 - 13:55	219 CHL 219 CHL	
Ay 127	3-0-6	Cosmology and Galaxy Formation	01	Djorgovski, S / Hirata, C	MW 10:30 - 11:55	219 CHL	
Ay 141C	1-0-2	Research Conference in Astronomy	01	Sargent, W / Steidel, C	F 16:00 - 16:55	370 CHL	P
Ay 142	+	Research in Astronomy and Astrophysics	01	Blain, A	A	A	P
			02	Blake, G	A	A	P

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<b>ASTROPHYSICS</b>							
Ay 142	+	Research in Astronomy and Astrophysics	03	Stevenson, D	A	A	P
			04	Brown, M	A	A	P
			05	Harrison, F	A	A	P
			06	Djorgovski, S	A	A	P
			07	Ellis, R	A	A	P
			08	Goldreich, P	A	A	P
			09	Hillenbrand, L	A	A	P
			10	Kamionkowski, M	A	A	P
			11	Kulkarni, S	A	A	P
			13	Zmuidzinas, J	A	A	P
			14	Benson, A	A	A	P
			15	McKeown, R	A	A	P
			16	Johnson, J	A	A	P
			17	Hirata, C	A	A	P
			18	Readhead, A	A	A	P
			19	Sargent, A	A	A	P
			20	Sargent, W	A	A	P
22	Scoville, N	A	A	P			
23	Steidel, C	A	A	P			
25	Sari, R	A	A	P			
26	Soifer, B	A	A	P			
Ay 143	+	Reading and Independent Study	01	Hirata, C	A	A	P
			02	Johnson, J	A	A	P
			03	Readhead, A	A	A	P
			04	Ellis, R	A	A	P
Ay 199B	3-0-6	Special Topics in Astronomy and Astrophysics	01	Djorgovski, S / Kennedy, M	TR 13:00 - 14:25	100 PWL/BTH	
<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
BMB/Bi/Ch 170C	3-1-5	Biochemistry and Biophysics of Macromolecules and Molecular Assemblies	01	Clemons, W / Jensen, G / Shan, S	TR 10:30 - 11:55	151 CRL	G

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<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
BMB/Ch 202C	1-0-0	Biochemistry Seminar Course <i>Students will meet with the BMB seminar speaker in a discussion section for an hour and then attend the seminar at 4pm. BMB seminars are offered once a month on any given Thursday.</i>	01	Clemons, W	R 12:00 - 12:55	A	P
Bi/BMB 251C	1-0-0	Current Research in Cellular and Molecular Biology	01	Hay, B	W 12:00 - 13:25	24 BBB	
BMB299	+	Graduate Research	01	Mayo, S	A	A	P
			02	Deshaies, R	A	A	P
			03	Fraser, S	A	A	P
			04	Bjorkman, P	A	A	P
			05	Arnold, F	A	A	P
			06	Rees, D	A	A	P
			07	Baltimore, D	A	A	P
			08	Campbell, J	A	A	P
			09	Goddard, W	A	A	P
			10	Kennedy, M	A	A	P
			11	Hsieh-Wilson, L	A	A	P
			12	Tirrell, D	A	A	P
			13	Parker, C	A	A	P
			15	Dervan, P	A	A	P
			16	Davidson, E	A	A	P
			18	Dougherty, D	A	A	P
			19	Shan, S	A	A	P
			20	Jensen, G	A	A	P
			21	Elowitz, M	A	A	P
			22	Patterson, P	A	A	P
			24	Meyerowitz, E	A	A	P
			25	Hay, B	A	A	P
			26	Wold, B	A	A	P
			27	Davis, M	A	A	P
			28	Phillips, R	A	A	P

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BMB299	+	Graduate Research	29	Barton, J	A	A	P
			30	Clemons, W	A	A	P
			31	Leadbetter, J	A	A	P
			32	Murray, R	A	A	P
			33	Mazmanian, S	A	A	P
			34	Baltimore, D	A	A	P
			35	Wang, Z	A	A	P
			36	Gharib, M	A	A	P
			37	Asthagiri, A	A	A	P
			38	Lester, H	A	A	P
			39	Pierce, N	A	A	P
			40	Sternberg, P	A	A	P
			41	Roukes, M	A	A	P
			42	Gray, H	A	A	P
			43	Roukes, M	A	A	P
44	Newman, D	A	A	P			
<b>BIOENGINEERING</b>							
BE 098	+	Undergraduate Research in Bioengineering <i>If your research adviser 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	Davis, M	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	Mabuchi, H	A	A	P
			12	Pierce, N	A	A	P
			13	Pine, J	A	A	P
			14	Ponce, A	A	A	P
			16	Roukes, M	A	A	P
			17	Scherer, A	A	A	P

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<b>BIOENGINEERING</b>							
BE 098	+	Undergraduate Research in Bioengineering <i>If your research adviser does not appear below, please contact the Office of the Registrar.</i>	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
			25	Bockrath, M	A	A	P
			26	Leadbetter, J	A	A	P
			27	Winfree, E	A	A	P
			28	Koch, C	A	A	P
			29	Rothmund, P	A	A	P
			30	Kornfield, J	A	A	P
			31	Baltimore, D	A	A	P
32	Dabiri, J	A	A	P			
BE 100C	1-0-0	Bioengineering Lecture Series <i>Required for first year grad students in BE</i>	01	Pierce, N	M 16:00 - 16:55	134 (Auditorium) BCK	P
BE 153	3-0-6	Case Studies in Systems Physiology	01	Petrasek, D	TR 13:00 - 14:25	200 BRD	
BE 159	3-0-6	Signal Transduction and Biomechanics in Eukaryotic Cell Morphogenesis	01	Guo, C	TR 14:30 - 15:55	142 KCK	
BE/APh/Ph 181	3-0-6	Biological Interfaces, Transduction, and Sensing	01	Roukes, M	TR 14:30 - 15:55	57 BRG	
EE/BE 185	3-0-6	MEMS Technology and Devices	01	Tai, Y	MW 14:30 - 15:55	080 MRE	
BE/CS/CNS/Bi 191B	2-4-3	Biomolecular Computation	01	Winfree, E	R 19:30 - 21:55	106 ANB	
BE 200	+	Research in Bioengineering	01	Arnold, F	A	A	P
			03	Burdick, J	A	A	P
			04	Dabiri, J	A	A	P
			06	Fraser, S	A	A	P
			07	Gharib, M	A	A	P

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<b>BIOENGINEERING</b>										
BE 200	+	Research in Bioengineering	08	Hajimiri, S	A	A	P			
			09	Heath, J	A	A	P			
			10	Lester, H	A	A	P			
			11	Mabuchi, H	A	A	P			
			12	Pierce, N	A	A	P			
			13	Pine, J	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			
			21	Smolke, C	A	A	P			
			22	Guo, C	A	A	P			
			23	Elowitz, M	A	A	P			
			24	Murray, R	A	A	P			
			25	Bockrath, M	A	A	P			
			26	Leadbetter, J	A	A	P			
			27	Winfrey, E	A	A	P			
			28	Koch, C	A	A	P			
			29	Rothmund, P	A	A	P			
			<b>BIOLOGY</b>							
			Bi 001	4-0-5	The Biology and Biophysics of Viruses <i>Maximum enrollment: 15 students per section//Section 1 is a Special Section for students with little or no Biology background.</i>	01	Bjorkman, P	MWF 13:00 - 13:55	119 KRK	
								R 13:00 - 13:55	024 KRK	
						02	Bjorkman, P	MWF 13:00 - 13:55	119 KRK	
								R 13:00 - 13:55	101 KRK	
						03	Bjorkman, P	MWF 13:00 - 13:55	119 KRK	
								R 13:00 - 13:55	3 BBB	
						06	Bjorkman, P	MWF 13:00 - 13:55	119 KRK	
		R 15:00 - 15:55	024 KRK							
			07	Bjorkman, P	MWF 13:00 - 13:55	119 KRK				
					R 15:00 - 15:55	101 KRK				

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<b>BIOLOGY</b>							
Bi 001	4-0-5	The Biology and Biophysics of Viruses <i>Maximum enrollment: 15 students per section//Section 1 is a Special Section for students with little or no Biology background.</i>	08	Bjorkman, P	MWF 13:00 - 13:55	119 KRK	
					R 16:00 - 16:55	101 KRK	
			09	Bjorkman, P	MWF 13:00 - 13:55	119 KRK	
					R 19:00 - 19:55	024 KRK	
			10	Bjorkman, P	MWF 13:00 - 13:55	119 KRK	
					R 19:00 - 19:55	3 BBB	
			11	Bjorkman, P	MWF 13:00 - 13:55	119 KRK	
					F 14:00 - 14:55	024 KRK	
			12	Bjorkman, P	MWF 13:00 - 13:55	119 KRK	
					F 15:00 - 15:55	3 BBB	
Bi 001X	0-6-3	The Great Ideas of Biology: An Introduction through Experimentation <i>Open to Freshmen only // Maximum enrollment: 24 students // Make-up classes will be on Thursdays from 7-10pm</i>	01	Phillips, R	M 19:00 - 21:55 T 09:00 - 11:55	17 & 18 BRN 17 & 18 BRN	G
Bi 009	3-0-6	Cell Biology <i>Friday, 5/6/11, class meets in Keck 142</i>	01	Aravin, A / Deshaies, R	MW 12:30 - 13:55 F 13:00 - 13:55	100 - Rock Auditorium BRD 100 - Rock Auditorium BRD	G
Bi 010	1-3-2	Cell Biology Laboratory <i>Open by lottery only - preference given to Frosh &amp; Sophomores; see REGIS home page for info // Maximum enrollment: 16 students per section</i>	01	Deshaies, R / Bertani, L	M 15:00 - 15:55	119 KRK	
					T 14:00 - 16:55	317 KRK	
			02	Deshaies, R / Bertani, L	M 15:00 - 15:55	119 KRK	
					W 14:00 - 16:55	317 KRK	
			03	Deshaies, R / Bertani, L	M 15:00 - 15:55	119 KRK	
		R 14:00 - 16:55	317 KRK				
			04	Deshaies, R / Bertani, L	M 15:00 - 15:55	119 KRK	
					F 14:00 - 16:55	317 KRK	
Bi 022	+	Undergraduate Research	01	Wold, B	A	A	P
			02	Bronner-Fraser, M	A	A	P
			03	Davidson, E	A	A	P
			04	Laurent, G	A	A	P
			05	Arnold, F	A	A	P
			06	Stathopoulos, A	A	A	P



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<b>BIOLOGY</b>							
Bi 022	+	Undergraduate Research	07	Zinn, K	A	A	P
			08	Bronner-Fraser, M	A	A	P
			09	Orphan, V	A	A	P
			10	Strauss Jr, J	A	A	P
			11	Smolke, C	A	A	P
			12	Chan, D	A	A	P
			13	Leadbetter, J	A	A	P
			14	Tirrell, D	A	A	P
			15	Patterson, P	A	A	P
			16	Aravin, A	A	A	P
			17	Fraser, S	A	A	P
			18	Prober, D	A	A	P
			19	Mazmanian, S	A	A	P
			20	Shimojo, S	A	A	P
			21	Adolphs, R	A	A	P
			22	Lester, H	A	A	P
			23	Varshavsky, A	A	A	P
			25	Allman, J	A	A	P
			28	Meyerowitz, E	A	A	P
			29	Koch, C	A	A	P
			31	Rees, D	A	A	P
			33	Bjorkman, P	A	A	P
			36	Baltimore, D	A	A	P
			39	Parker, C	A	A	P
			40	Winfrey, E	A	A	P
			43	Hay, B	A	A	P
			44	Jensen, G	A	A	P
			45	Goddard, W	A	A	P
			46	Elowitz, M	A	A	P
			47	Anderson, D	A	A	P
			48	Stathopoulos, A	A	A	P
			49	Rothenberg, E	A	A	P
			50	Sternberg, P	A	A	P

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<b>BIOLOGY</b>							
Bi 022	+	Undergraduate Research	55	Sternberg, P	A	A	P
			56	Phillips, R	A	A	P
			57	Fejes Toth, K	A	A	P
Bi 023	3-0-0	Biology Tutorial <i>Sec 1: History, Mechanisms and Functions of RNA Silencing Mechanisms// Sec 2: Biotech and Pharmaceutical Industries in the US and China</i>	01	Pezic, D / Huang, A	OM,W 16:00 - 16:55	151 BRN	P
			02	Moore, M / Huang, A	OM,F 16:30 - 17:25	130 BRD	P
Bi 090C	+	Undergraduate Thesis	01	Patterson, P	A	A	P
			02	Revel, J	A	A	P
			03	Sternberg, P	A	A	P
			04	Davidson, E	A	A	P
			05	Davis, M	A	A	P
			06	Bjorkman, P	A	A	P
CNS/SS/Psy/Bi 102B	3-0-6	Brains, Minds, and Society	01	Bossaerts, P / Camerer, C	TR 14:30 - 15:55	210 BAX	
Bi/Ch 113	4-0-8	Biochemistry of the Cell	01	Chan, D	TR 11:00 - 11:55 W 14:00 - 15:55	100 - Rock Auditorium BRD 100 - Rock Auditorium BRD	
			02	Chan, D	TR 11:00 - 11:55 R 19:00 - 20:55	100 - Rock Auditorium BRD 101 KRK	
Bi/CNS 157	2-3-4	Comparative Nervous Systems	01	Allman, J	F 14:00 - 15:55	200 BRD	
Bi/CNS 162	2-7-3	Cellular and Systems Neuroscience Laboratory <i>Maximum enrollment: 18 students</i>	01	Wagenaar, D	R 13:00 - 16:55	056 CHR	P
BMB/Bi/Ch 170C	3-1-5	Biochemistry and Biophysics of Macromolecules and Molecular Assemblies	01	Clemons, W / Jensen, G / Shan, S	TR 10:30 - 11:55	151 CRL	G
CNS/Bi/SS/Psy 176	6-0-6	Cognition	01	Shimojo, S	R 16:00 - 17:55	200 BRD	
Bi/CNS 184	3-1-5	The Primate Visual System	01	Tsao, D	MR 09:00 - 09:55	200 BRD	
					W 19:00 - 19:55	200 BRD	

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<b>BIOLOGY</b>							
Bi 188	2-0-4	Human Genetics and Genomics	01	Wold, B	F 15:00 - 16:55	024 KRK	
Bi 189	2-0-4	The Cell Cycle	01	Dunphy, W	R 14:00 - 15:55	151 BRN	
Bi 190	2-0-4	Advanced Genetics	01	Sternberg, P	MW 11:00 - 11:55	24 BBB	
BE/CS/CNS/Bi 191B	2-4-3	Biomolecular Computation	01	Winfree, E	R 19:30 - 21:55	106 ANB	
Bi 199B	3-0-6	Special Topics in Computational Biology	01	Djorgovski, S / Kennedy, M	TR 13:00 - 14:25	100 PWL/BTH	
Bi 204	2-0-4	Evolution of the Animal Body Plan	01	Davidson, E	W 14:00 - 15:55	151 BRN	P
Bi 206	2-0-4	Biochemical and Genetic Methods in Biological Research	01	Varshavsky, A	T 13:00 - 14:55	100 - Rock Auditorium BRD	P
Bi 214	2-0-4	Hematopoiesis: A Developmental System <i>Class cancelled on May 24th, rescheduled for Thursday, May 26th</i>	01	Rothenberg, E	T 19:00 - 20:55	151 BRN	
Bi/CNS 220	2-0-4	Genetic Dissection of Neural Circuit Function <i>Open to enrolled students and faculty only.</i>	01	Anderson, D	R 15:00 - 17:55	300 BRD	
Bi/CNS 250B	3-0-6	Topics in Systems Neuroscience	01	Siapas, A	W 14:00 - 16:55	101 KRK	
Bi/BMB 251C	1-0-0	Current Research in Cellular and Molecular Biology	01	Hay, B	W 12:00 - 13:25	24 BBB	
Bi 252	2-0-2	Responsible Conduct of Research	01	Meyerowitz, E / Sternberg, P	M 14:00 - 15:55	100 - Rock Auditorium BRD	
Bi 270	+	Special Topics in Biology: Law and the Biosciences <i>Class times by appointment in 288 Allies</i>	01	Sternberg, P	A	A	P

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<b>BIOLOGY</b>							
Bi 299	+	Graduate Research	01	Stathopoulos, A	A	A	P
			02	Baltimore, D	A	A	P
			03	Allman, J	A	A	P
			04	Andersen, R	A	A	P
			05	Anderson, D	A	A	P
			06	Mazmanian, S	A	A	P
			07	Clemons, W	A	A	P
			08	Elowitz, M	A	A	P
			09	Dabiri, J	A	A	P
			10	Bjorkman, P	A	A	P
			11	Bronner-Fraser, M	A	A	P
			12	Campbell, J	A	A	P
			13	Chan, D	A	A	P
			14	Davidson, E	A	A	P
			15	Deshaies, R	A	A	P
			16	Dickinson, M	A	A	P
			17	O'Doherty, J	A	A	P
			18	Dunphy, W	A	A	P
			19	Fraser, S	A	A	P
			20	Goddard, W	A	A	P
			21	Hay, B	A	A	P
			22	Kennedy, M	A	A	P
			23	Koch, C	A	A	P
			24	Pierce, N	A	A	P
			25	Laurent, G	A	A	P
			26	Tsao, D	A	A	P
			27	Orphan, V	A	A	P
			28	Mayo, S	A	A	P
			29	Meyerowitz, E	A	A	P
			30	Newman, D	A	A	P
			31	Guo, C	A	A	P
			32	Patterson, P	A	A	P
			33	Heath, J	A	A	P

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<b>BIOLOGY</b>							
Bi 299	+	Graduate Research	34	Prober, D	A	A	P
			35	Varshavsky, A	A	A	P
			36	Kirschvink, J	A	A	P
			37	Rothenberg, E	A	A	P
			38	Schuman, E	A	A	P
			39	Shimojo, S	A	A	P
			40	Lester, H	A	A	P
			41	Sternberg, P	A	A	P
			42	Dougherty, D	A	A	P
			43	Shan, S	A	A	P
			44	Winfrey, E	A	A	P
			45	Wold, B	A	A	P
			46	Zinn, K	A	A	P
			48	Jensen, G	A	A	P
			49	Leadbetter, J	A	A	P
			50	Elowitz, M	A	A	P
			51	Adolphs, R	A	A	P
53	Smolke, C	A	A	P			
54	Gharib, M	A	A	P			
55	Hsieh-Wilson, L	A	A	P			
56	Aravin, A	A	A	P			
<b>BUSINESS ECONOMICS &amp; MANAGEMENT</b>							
BEM107	3-0-6	Advanced Corporate Finance: Governance, Transacting, and Valuation <i>Maximum Enrollment: 40 Students</i>	01	Cornell, B	T 18:00 - 20:55	25 BAX	P
BEM111	3-0-6	Risk Management	01	Winston, K	W 18:00 - 20:55	228 BAX	
BEM190	+	Undergraduate Research Project	01	Rosenthal, J	A	A	P
			02	Pickar, K	A	A	P
			03	Bossaerts, P	A	A	P
			04	Cvitanic, J	A	A	P

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<b>CHEMICAL ENGINEERING</b>							
ChE063B	3-0-6	Chemical Engineering Thermodynamics	01	Flagan, R	MWF 10:00 - 10:55	106 SPL	G
ChE080	+	Undergraduate Research	01	Arnold, F	A	A	P
			02	Ravi, V	A	A	P
			03	Haile, S	A	A	P
			04	Giapis, K	A	A	P
			13	Flagan, R	A	A	P
			14	Gavalas, G	A	A	P
			20	Kornfield, J	A	A	P
			34	Seinfeld, J	A	A	P
ChE090B	0-4-5	Senior Thesis	36	Tirrell, D	A	A	P
			40	Smolke, C	A	A	P
			01	Dickinson, M	A	A	G
			02	Giapis, K	A	A	G
			03	Seinfeld, J	A	A	G
			04	Tirrell, D	A	A	G
			05	Ravi, V	A	A	G
			06	Flagan, R	A	A	G
			07	Gavalas, G	A	A	G
			08	Davis, M	A	A	G
			09	Haile, S	A	A	G
			10	Asthagiri, A	A	A	G
			11	Brady, J	A	A	G
12	Kornfield, J	A	A	G			
13	Greer, J	A	A	G			
ChE103C	3-0-6	Transport Phenomena	01	Davis, M	MWF 09:00 - 09:55	102 SPL	G
ChE105	3-0-6	Dynamics and Control of Chemical Systems	01	Seinfeld, J	MWF 14:00 - 14:55	106 SPL	G
ChE115	3-0-6	Electronic Materials Processing	01	Giapis, K	TR 10:30 - 11:55	102 SPL	

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<b>CHEMICAL ENGINEERING</b>							
ChE120	1-6-2	Optimal Design of Chemical Systems	01	Vicic, M	OM,M 15:00 - 15:55	122 SPL	
ChE130	1-5-3	Biomolecular Engineering Laboratory	01	Tirrell, D / Vicic, M	W 15:00 - 15:55	102 SPL	
					MF 14:00 - 16:55	16 BRN	
			02	Tirrell, D / Vicic, M	W 15:00 - 15:55	102 SPL	
					TR 13:00 - 15:55	16 BRN	
ChE/Ch 148	3-0-6	Polymer Physics	01	Wang, Z	TR 10:30 - 11:55	106 SPL	
ChE280	+	Chemical Engineering Research	01	Arnold, F	A	A	P
			02	Asthagiri, A	A	A	P
			03	Atwater, H	A	A	P
			04	Haile, S	A	A	P
			05	Pierce, N	A	A	P
			06	Troian, S	A	A	P
			07	Brady, J	A	A	P
			08	Stoltz, B	A	A	P
			09	Collier, C	A	A	P
			10	Davis, M	A	A	P
			11	Greer, J	A	A	P
			12	Dougherty, D	A	A	P
			13	Flagan, R	A	A	P
			14	Fraser, S	A	A	P
			15	Fultz, B	A	A	P
			16	Giapis, K	A	A	P
			17	Goddard, W	A	A	P
			18	Fultz, B	A	A	P
			21	Kornfield, J	A	A	P
			22	Miller, T	A	A	P
23	Lewis, N	A	A	P			
29	Parker, C	A	A	P			
32	Richardson, M	A	A	P			
36	Tirrell, D	A	A	P			

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<b>CHEMICAL ENGINEERING</b>							
ChE280	+	Chemical Engineering Research	37	Wang, Z	A	A	P
			40	Seinfeld, J	A	A	P
			41	Yung, Y	A	A	P
			42	Heath, J	A	A	P
			44	Smolke, C	A	A	P
<b>CHEMISTRY</b>							
Ch 003A	1-3-2	Fundamental Techniques of Experimental Chemistry <i>Maximum enrollment: 20 students per section</i>	01	Mendez, J	F 09:00 - 09:55 T 08:00 - 10:55	151 CRL 107 MEAD	P
			02	Mendez, J	F 09:00 - 09:55 T 13:00 - 15:55	151 CRL 107 MEAD	P
			03	Mendez, J	F 09:00 - 09:55	151 CRL	P
					R 19:00 - 21:55	107 MEAD	
Ch 003B	1-6-1	Experimental Procedures of Synthetic Chemistry <i>Open to ChE students only during registration // OM to decide lecture time. // Each student must select 2 section times -Sec 1: M 1-4pm / Sec 2: T 8-11am / Sec 3: T 1-4pm / Sec 4: W 1-4pm / Sec 5: R 1-4pm / Sec 6: R 7-10pm / Sec 7: F 1-4pm</i>	01	Mendez, J	R 09:30 - 10:25 A	151 CRL 105 MEAD	
Ch 003X	1-3-2	Experimental Methods in Solar Energy Conversion <i>Limit 16 students per section//Open to all students</i>	01	Brunschwig, B / Winkler, J	W 09:00 - 09:55 W 13:00 - 15:55	151 CRL 107 MEAD	P
			02	Brunschwig, B / Winkler, J	W 09:00 - 09:55	151 CRL	P
					W 19:00 - 21:55	107 MEAD	
			03	Brunschwig, B / Winkler, J	W 09:00 - 09:55 R 08:00 - 10:55	151 CRL 107 MEAD	P
Ch 004B	1-6-2	Synthesis and Analysis of Organic and Inorganic Compounds <i>OM to decide lecture time. // Each student must select 2 section times -Sec 1: M 1-4pm / Sec 2: T 8-11am / Sec 3: T 1-4pm / Sec 4: W 1-4pm / Sec 5: R 1-4pm / Sec 6: R 7-10pm / Sec 7: F 1-4pm</i>	01	Mendez, J	M 10:00 - 10:55 A	151 CRL 105 MEAD	



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<b>CHEMISTRY</b>							
Ch 006B	1-6-3	Physical and Biophysical Chemistry Laboratory	01	Beauchamp, J / Weitekamp, D	OM,M 14:00 - 14:55	33 NYS	
Ch 007	1-6-2	Advanced Experimental Methods in Bioorganic Chemistry	01	Hsieh-Wilson, L	M 15:00 - 15:55	356 CRL	
Ch 010C	1-6-1	Frontiers in Chemistry <i>Must have instructor's permission prior to registering for course.</i>	01	Peters, J / Dervan, P	R 12:00 - 12:55	115 BCK	P
Ch 014	2-0-4	Chemical Equilibrium and Analysis	01	Richards, J / Shahgholi, M	TR 11:00 - 11:55	147 NYS	G
Ch 021C	3-0-6	Physical Chemistry	01	Miller, T	MWF 13:00 - 13:55 W 17:00 - 17:55	147 NYS 147 NYS	G
Ch 025	3-0-6	Introduction to Biophysical Chemistry: Thermodynamics	01	Rees, D	TR 13:00 - 14:25	147 NYS	G
Ch 041C	3-0-6	Organic Chemistry	01	Stoltz, B	MWF 09:00 - 09:55	153 NYS	
Ch 080	+	Chemical Research	01	Arnold, F	A	A	P
			02	Dervan, P	A	A	P
			03	Hsieh-Wilson, L	A	A	P
			04	Beauchamp, J	A	A	P
			05	Marcus, R	A	A	P
			06	Clemons, W	A	A	P
			07	Reisman, S	A	A	P
			08	Campbell, J	A	A	P
			09	Shan, S	A	A	P
			10	Rees, D	A	A	P
			11	Heath, J	A	A	P
			12	Agapie, T	A	A	P
			16	Goddard, W	A	A	P
			17	Gray, H	A	A	P
			20	Kornfield, J	A	A	P
			27	Okumura, M	A	A	P

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<b>CHEMISTRY</b>							
Ch 080	+	Chemical Research	29	Peters, J	A	A	P
			35	Stoltz, B	A	A	P
			36	Tirrell, D	A	A	P
			37	Grubbs, R	A	A	P
			38	Lewis, N	A	A	P
			39	Barton, J	A	A	P
			40	Blake, G	A	A	P
			41	Miller, T	A	A	P
Ch 081	+	Independent Reading in Chemistry	01	Bercaw, J	A	A	P
			02	Lewis, N	A	A	P
			03	Chandy, K	A	A	P
			04	Peters, J	A	A	P
			06	Labinger, J	A	A	P
			17	Gray, H	A	A	P
Ch 082	+	Senior Thesis Research	01	Rees, D	A	A	P
Ch 102	3-0-6	Introduction to Inorganic Chemistry	01	Agapie, T	TR 13:00 - 14:25	151 CRL	G
Bi/Ch 113	4-0-8	Biochemistry of the Cell	01	Chan, D	TR 11:00 - 11:55	100 - Rock Auditorium BRD 100 - Rock Auditorium BRD 100 - Rock Auditorium BRD 101 KRK	
					W 14:00 - 15:55		
			02	Chan, D	TR 11:00 - 11:55		
					R 19:00 - 20:55		
Ch 120B	1-1-7	Nature of the Chemical Bond <i>Maximum 10 students with Ch 121A</i>	01	Goddard, W	W 15:00 - 15:55	115 BCK	
Ch 121A	3-0-6	Atomic-Level Simulations of Materials and Molecules	01	Goddard, W	MWF 14:00 - 14:55	115 BCK	
ChE/Ch 148	3-0-6	Polymer Physics	01	Wang, Z	TR 10:30 - 11:55	106 SPL	

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<b>CHEMISTRY</b>							
Ch 153B	3-0-6	Advanced Inorganic Chemistry	01	Peters, J	T 12:00 - 12:55 F 10:00 - 11:55	115 BCK 101 SCH	
Ch 166	3-0-6	Nonequilibrium Statistical Mechanics	01	Marcus, R	TR 09:00 - 10:25	147 NYS	
BMB/Bi/Ch 170C	3-1-5	Biochemistry and Biophysics of Macromolecules and Molecular Assemblies	01	Clemons, W / Jensen, G / Shan, S	TR 10:30 - 11:55	151 CRL	G
ESE/Ge/Ch 171	3-0-6	Atmospheric Chemistry I	01	Seinfeld, J / Wennberg, P	MWF 13:00 - 13:55	106 SPL	
ESE/Ch/Ge 175B	3-0-6	Environmental Organic Chemistry	01	Hoffmann, M	MWF 10:00 - 10:55	102 SPL	
Ch 180	+	Chemical Research	01 02 16	Gray, H Agapie, T Goddard, W	A A A	A A A	P P P
BMB/Ch 202C	1-0-0	Biochemistry Seminar Course <i>Students will meet with the BMB seminar speaker in a discussion section for an hour and then attend the seminar at 4pm. BMB seminars are offered once a month on any given Thursday.</i>	01	Clemons, W	R 12:00 - 12:55	A	P
Ch 213C	1-0-11	Advanced Ligand Field Theory	01	Gray, H	F 13:00 - 13:55	408 BCK	G
Ch 228	3-0-6	Dynamics and Complexity in Physical and Life Sciences	01	Zewail, A	TR 16:00 - 17:25	113 NYS	G
Ch 250	2-0-4	Advanced Topics in Chemistry: Advances in Pharmaceutical Research: From lead discovery to drug manufacturing	01	Reisman, S / Stoltz, B	OM,TWR 11:00 - 11:55	153 NYS	P
Ch 280	+	Chemical Research	01 02 03 04	Arnold, F Agapie, T Barton, J Beauchamp, J	A A A A	A A A A	P P P P

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<b>CHEMISTRY</b>							
Ch 280	+	Chemical Research	05	Bercaw, J	A	A	P
			06	Blake, G	A	A	P
			07	Shan, S	A	A	P
			08	Bjorkman, P	A	A	P
			09	Cai, L	A	A	P
			10	Davis, M	A	A	P
			11	Dervan, P	A	A	P
			12	Dougherty, D	A	A	P
			13	Eiler, J	A	A	P
			14	Miller, T	A	A	P
			15	Giapis, K	A	A	P
			16	Goddard, W	A	A	P
			17	Gray, H	A	A	P
			18	Grubbs, R	A	A	P
			19	Hsieh-Wilson, L	A	A	P
			20	Kornfield, J	A	A	P
			21	Reisman, S	A	A	P
			22	Lewis, N	A	A	P
			23	Wang, Z	A	A	P
			24	Marcus, R	A	A	P
			25	Mayo, S	A	A	P
			26	Ponce, A	A	A	P
			27	Okumura, M	A	A	P
			29	Peters, J	A	A	P
			30	Rees, D	A	A	P
			34	Seinfeld, J	A	A	P
			35	Stoltz, B	A	A	P
			36	Tirrell, D	A	A	P
			38	Weitekamp, D	A	A	P
			39	Zewail, A	A	A	P
			40	Fraser, S	A	A	P
			41	Atwater, H	A	A	P
			42	Pierce, N	A	A	P

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<b>CHEMISTRY</b>							
Ch 280	+	Chemical Research	43	Hoffmann, M	A	A	P
			44	Heath, J	A	A	P
			46	Adkins, J	A	A	P
			48	Wennberg, P	A	A	P
			50	Hoffmann, M	A	A	P
			51	Smolke, C	A	A	P
<b>CIVIL ENGINEERING</b>							
Ae/APh/CE/ME 101C	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	101 GUG	G
Ae/AM/CE/ME 102C	3-0-6	Mechanics of Structures and Solids	01	Bhattacharya, K	TR 09:00 - 10:25	101 GUG	G
CE 130C	1-0-0	Civil Engineering Seminar	01	Heaton, T	T 11:00 - 11:55	206 TOM	P
CE 180	1-5-3	Experimental Methods in Earthquake Engineering	01	Kohler, M	OM,M 10:00 - 10:55	306 TOM	
CE 181B	3-0-6	Engineering Seismology	01	Heaton, T	OM,M 11:00 - 11:55	206 TOM	G
CE 200	+	Advanced Work in Civil Engineering	01	Heaton, T	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>							
CNS/SS/Psy/Bi 102B	3-0-6	Brains, Minds, and Society	01	Bossaerts, P / Camerer, C	TR 14:30 - 15:55	210 BAX	

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<b>COMPUTATION &amp; NEURAL SYS</b>							
CNS/SS/Psy 110C	1.5-0-3.5	Cognitive Neuroscience Tools	01	Rangel, A	F 13:00 - 13:55	315 BAX	P
EE/CNS/CS 148B	3-0-6	Selected Topics in Computational Vision <i>Class Cancelled</i>	01	Perona, P	TR 10:30 - 11:55	104 WAT	
Bi/CNS 157	2-3-4	Comparative Nervous Systems	01	Allman, J	F 14:00 - 15:55	200 BRD	
Bi/CNS 162	2-7-3	Cellular and Systems Neuroscience Laboratory <i>Maximum enrollment: 18 students</i>	01	Wagenaar, D	R 13:00 - 16:55	056 CHR	P
CS/CNS 174	3-6-3	Computer Graphics Projects <i>Class held in ANB 213 on 4/15/11</i>	01	Barr, A	MWF 13:00 - 13:55	107 ANB	
			02	Barr, A	A	A	
CNS/Bi/SS/Psy 176	6-0-6	Cognition	01	Shimojo, S	R 16:00 - 17:55	200 BRD	
CNS180	+	Research in Computation and Neural Systems	01	Fraser, S	A	A	P
			02	Adami, C	A	A	P
			03	Pierce, N	A	A	P
			04	Andersen, R	A	A	P
			05	Burdick, J	A	A	P
			06	O'Doherty, J	A	A	P
			07	Tsao, D	A	A	P
			08	Lester, H	A	A	P
			09	Dickinson, M	A	A	P
			10	Elowitz, M	A	A	P
			11	Koch, C	A	A	P
			12	Murray, R	A	A	P
			13	Laurent, G	A	A	P
			14	Quartz, S	A	A	P
			15	Perona, P	A	A	P
			16	Allman, J	A	A	P
			17	Schuman, E	A	A	P
			18	Shimojo, S	A	A	P
			19	Siapas, A	A	A	P

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<b>COMPUTATION &amp; NEURAL SYS</b>							
CNS180	+	Research in Computation and Neural Systems	20	Allman, J	A	A	P
			21	Winfree, E	A	A	P
			22	Wold, B	A	A	P
			23	Kennedy, M	A	A	P
			24	Adolphs, R	A	A	P
			25	Camerer, C	A	A	P
			26	Rangel, A	A	A	P
			27	Bossaerts, P	A	A	P
			28	Krause, R	A	A	P
			29	Prober, D	A	A	P
Bi/CNS 184	3-1-5	The Primate Visual System	01	Tsao, D	MR 09:00 - 09:55 W 19:00 - 19:55	200 BRD 200 BRD	
BE/CS/CNS/Bi 191B	2-4-3	Biomolecular Computation	01	Winfree, E	R 19:30 - 21:55	106 ANB	
Bi/CNS 220	2-0-4	Genetic Dissection of Neural Circuit Function <i>Open to enrolled students and faculty only.</i>	01	Anderson, D	R 15:00 - 17:55	300 BRD	
Bi/CNS 250B	3-0-6	Topics in Systems Neuroscience	01	Siapas, A	W 14:00 - 16:55	101 KRK	
CNS280	+	Research in Computation and Neural Systems	01	Abu-Mostafa, Y	A	A	P
			02	Adami, C	A	A	P
			03	Burdick, J	A	A	P
			04	Andersen, R	A	A	P
			05	Bruck, J	A	A	P
			06	Hoffmann, M	A	A	P
			07	Tsao, D	A	A	P
			08	Murray, R	A	A	P
			09	Koch, C	A	A	P
			10	Konishi, M	A	A	P
			11	Laurent, G	A	A	P
			12	Perona, P	A	A	P
			13	Adolphs, R	A	A	P

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<b>COMPUTATION &amp; NEURAL SYS</b>							
CNS280	+	Research in Computation and Neural Systems	15	Shimojo, S	A	A	P
			16	Siapas, A	A	A	P
			17	Sternberg, P	A	A	P
			18	Wold, B	A	A	P
			19	Winfree, E	A	A	P
			20	Lester, H	A	A	P
			21	Dickinson, M	A	A	P
			22	Quartz, S	A	A	P
			23	O'Doherty, J	A	A	P
<b>COMPUTER SCIENCE</b>							
CS 003	2-4-3	Introduction to Software Engineering	01	Nystroem, M	MW 14:00 - 14:55	213 ANB	P
Ma/CS 006C	3-0-6	Introduction to Discrete Mathematics	01	Sokic, M	TR 13:00 - 14:25	153 SLN	
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
CS 024	3-3-3	Introduction to Computing Systems	01	Pinkston, D	MWF 11:00 - 11:55	105 ANB	G
CS 038	3-0-6	Introduction to Algorithms	01	Kitaev, A	MW 13:00 - 14:25	105 ANB	
EE/CS 053C	0-12-0	Microprocessor Project Laboratory	01	George, G	OM,W 16:00 - 16:55	070 MRE	
CS/EE/ME 075C	+	Introduction to Multidisciplinary Systems Engineering <i>12 units (2-9-1), 15 units (2-12-1), or 18 units (2-15-1), with instructor's permission</i>	01	Murray, R / Atwater, H / Hunt, M	T 17:00 - 17:55	142 KCK	
CS 080C	+	Undergraduate Thesis	01	Schroeder, P	A	A	P
			02	Chandy, K	A	A	P
			03	Winfree, E	A	A	P



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<b>COMPUTER SCIENCE</b>							
CS 081C	+	Undergraduate Laboratory in Computer Science	01	McEliece, R	A	A	P
			02	Barr, A	A	A	P
			03	Chandy, K	A	A	P
			04	Pinkston, D	A	A	P
			06	Low, S	A	A	P
			08	Murray, R	A	A	P
			11	Schulman, L	A	A	P
CS 090	+	Undergraduate Research in Computer Science	01	Winfree, E	A	A	P
			02	Barr, A	A	A	P
			03	Low, S	A	A	P
			04	Umans, C	A	A	P
			05	Bruck, J	A	A	P
			06	Schulman, L	A	A	P
			07	Desbrun, M	A	A	P
			08	Arnold, F	A	A	P
			09	Chandy, K	A	A	P
			10	Perona, P	A	A	P
			11	Schroeder, P	A	A	P
			12	Djorgovski, S	A	A	P
CS 101C	3-0-6	Special Topics in Computer Science <i>Section 1: GPU Programming // Section 2: Functional Programming (maximum enrollment: 20 students)</i>	01	Barr, A	MWF 14:30 - 15:25	105 ANB	
			02	Vanier, M	MWF 15:00 - 15:55	213 ANB	
Ma/CS 117C	3-0-6	Computability Theory	01	Kechris, A	TR 13:00 - 14:25	257 SLN	
EE/Ma/CS 127	3-0-6	Error-Correcting Codes <i>New time</i>	01	Ho, T	MWF 15:00 - 15:55	107 ANB	
ME/CS 132B	3-0-6	Advanced Robotics: Navigation and Vision	01	Matthies, L	TR 14:30 - 15:55	306 TOM	G
CS 141C	3-3-3	Distributed Computation Laboratory	01	Chandy, K	TR 10:30 - 11:55	213 ANB	

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<b>COMPUTER SCIENCE</b>										
CS/EE 145	0-0-9	Projects in Networking	01	Low, S / Wierman, A	TR 10:30 - 11:55	213 ANB				
CS/EE 146	3-3-3	Advanced Networking	01	Wierman, A	TR 14:30 - 15:55	213 ANB				
EE/CNS/CS 148B	3-0-6	Selected Topics in Computational Vision <i>Class Cancelled</i>	01	Perona, P	TR 10:30 - 11:55	104 WAT				
CS 151	3-0-6	Complexity Theory	01	Umans, C	TR 13:00 - 14:25	314 ANB				
CS 153	3-0-6	Current Topics in Theoretical Computer Science	01	Schulman, L	MW 10:30 - 11:55	314 ANB				
CS/CNS 174	3-6-3	Computer Graphics Projects <i>Class held in ANB 213 on 4/15/11</i>	01	Barr, A	MWF 13:00 - 13:55	107 ANB				
			02	Barr, A	A	A				
CS 180	+	Master's Thesis Research	01	Abu-Mostafa, Y	A	A	P			
			02	Desbrun, M	A	A	P			
			03	Chandy, K	A	A	P			
			04	Wierman, A	A	A	P			
			05	Perona, P	A	A	P			
			06	Hickey, J	A	A	P			
			07	Low, S	A	A	P			
			08	Martin, A	A	A	P			
			09	Kitaev, A	A	A	P			
			11	Schroeder, P	A	A	P			
			13	Winfrey, E	A	A	P			
			14	Umans, C	A	A	P			
			15	Wold, B	A	A	P			
			16	Krause, R	A	A	P			
			17	Schulman, L	A	A	P			
			CS/EE 181C	3-6-3	VLSI Design Laboratory <i>limited enrolled // see instructor for class info</i>	01	Martin, A	A	A	

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<b>COMPUTER SCIENCE</b>							
BE/CS/CNS/Bi 191B	2-4-3	Biomolecular Computation	01	Winfree, E	R 19:30 - 21:55	106 ANB	
CS 280	+	Research in Computer Science	01	Abu-Mostafa, Y	A	A	P
			02	Barr, A	A	A	P
			03	Cvitanic, J	A	A	P
			04	Umans, C	A	A	P
			05	Desbrun, M	A	A	P
			07	Low, S	A	A	P
			08	Martin, A	A	A	P
			09	Chandy, K	A	A	P
			10	Perona, P	A	A	P
			11	Schroeder, P	A	A	P
			12	Schulman, L	A	A	P
			13	Kitaev, A	A	A	P
			14	Wierman, A	A	A	P
			CS 286C	3-0-0	Seminar in Computer Science <i>Section 1 cancelled. // Section 2's class held in ANB 314 on 4/15/11</i>	01	Schulman, L
02	Low, S	WF 10:30 - 11:55				107 ANB	P
<b>CONTROL &amp; DYNAMICAL SYSTEMS</b>							
CDS090C	0-0-9	Senior Thesis in Control & Dynamical Systems	01	Desbrun, M	A	A	G
			02	Murray, R	A	A	G
CDS104	3-0-6	Introductory Concepts for Dynamical Systems <i>Class Cancelled</i>	01	Staff	MWF 14:00 - 14:55	214 STL	
CDS140B	3-0-6	Introduction to Dynamics	01	Motee, N / Liu, J	TR 10:30 - 11:55	314 ANB	
CDS190	+	Independent Work in Control and Dynamical Systems <i>Units (0-0-9)// Letter Grades with the option to P/F</i>	01	Murray, R	A	A	P
			02	Dickinson, M	A	A	P

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<b>CONTROL &amp; DYNAMICAL SYSTEMS</b>							
CDS270	+	Advanced Topics in Systems and Control <i>Sec 1: Adaptive Control (2-0-7/taught with Ae 240) //Sec 2: Stochastic System Analysis and Bayesian Updating (3-0-6/taught with AM125C &amp; ACM217)//Sec 3: Robotic Manipulation: Mechanics &amp; Control (3-3-3)//Sec 4: Networks &amp; Complexity (variable units/email mlopez@cms.caltech.edu if can't make OM)</i>	04	Doyle, J	OM,T 14:30 - 15:25	243 ANB	
CDS270	0-0-0	Advanced Topics in Systems and Control <i>Sec 1: Adaptive Control (2-0-7/taught with Ae 240) //Sec 2: Stochastic System Analysis and Bayesian Updating (3-0-6/taught with AM125C &amp; ACM217)//Sec 3: Robotic Manipulation: Mechanics &amp; Control (3-3-3)//Sec 4: Networks &amp; Complexity (variable units/email mlopez@cms.caltech.edu if can't make OM)</i>	01 02 03	Lavretsky, E Beck, J Burdick, J	F 10:00 - 11:55 TR 09:00 - 10:25 MWF 14:00 - 14:55	214 STL 306 TOM 142 KCK	
CDS300C	+	Research in Control and Dynamical Systems	01 02 03 04 05 06 07 08 09 10 11 12	Burdick, J Doyle, J Schuman, E Mabuchi, H Dickinson, M Murray, R Kuppermann, A Quartz, S Elowitz, M Dabiri, J Desbrun, M Ortiz, M	A A A A A A A A A A A A	A A A A A A A A A A A A	P P P P P P P P P P P P
<b>ECONOMICS</b>							
Ec 011	3-2-4	Introduction to Economics	01	Rangel, A	TR 13:00 - 14:25	Lecture Hall BAX	

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<b>ECONOMICS</b>							
Ec 098C	+	Senior Research and Thesis	01	Rangel, A	A	A	P
Ec/PS 160C	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260 // Completion of Ec/PS 160AB required.//Maximum enrollment: 10 students</i>	01	Plott, C	TR 09:00 - 10:25	210 BAX	G
PS/Ec 172	3-0-6	Game Theory	01	Ortoleva, P	TR 10:30 - 11:55	Lecture Hall BAX	
Ec/PS 190	+	Undergraduate Research	01	Alvarez, R	A	A	P
			02	Plott, C	A	A	P
			03	Spitzer, M	A	A	P
			04	Ledyard, J	A	A	P
			05	Rangel, A	A	A	P
			06	Sherman, R	A	A	P
			07	Camerer, C	A	A	P
			08	Cvitanic, J	A	A	P
<b>ELECTRICAL ENGINEERING</b>							
EE 005	2-3-1	Introduction to Embedded Systems	01	George, G	MW 15:00 - 15:55	142 KCK	P
EE 040	3-0-6	Introduction to Semiconductors and Sensors	01	Tai, Y	MW 13:00 - 14:25	080 MRE	
EE 045	3-3-6	Electronics Laboratory	01	Emami-Neyestanak, A	WF 14:30 - 15:55	070 MRE	
EE/CS 053C	0-12-0	Microprocessor Project Laboratory	01	George, G	OM,W 16:00 - 16:55	070 MRE	
CS/EE/ME 075C	+	Introduction to Multidisciplinary Systems Engineering <i>12 units (2-9-1), 15 units (2-12-1), or 18 units (2-15-1), with instructor's permission</i>	01	Murray, R / Atwater, H / Hunt, M	T 17:00 - 17:55	142 KCK	

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>ELECTRICAL ENGINEERING</b>							
EE 080C	+	Senior Thesis	01	Potter, K	A	A	P
EE 090	1-8-0	Analog Electronics Project Laboratory	01	Megdall, B	OM,T 16:00 - 16:55	070 MRE	
EE 091A	+	Experimental Projects in Electronic Circuits <i>See instructor for enrollment information</i>	01	Megdall, B	A	A	
EE 099	+	Advanced Work in Electrical Engineering	01	George, G	A	A	P
			02	Perona, P	A	A	P
			03	Scherer, A	A	A	P
			04	Meyerowitz, E	A	A	P
			05	Megdall, B	A	A	P
			06	Murray, R	A	A	P
			07	Low, S	A	A	P
			08	Yang, C	A	A	P
			09	Martin, A	A	A	P
			10	Chandy, K	A	A	P
			11	Tai, Y	A	A	P
			12	Hajimiri, S	A	A	P
			13	Burdick, J	A	A	P
EE 105C	1-0-0	Electrical Engineering Seminar	01	Hassibi, B	A	A	P
EE 113	4-4-4	Feedback and Control Circuits	01	George, G	TR 14:00 - 15:55	070 MRE	
EE 124	3-0-6	Mixed-mode Integrated Circuits	01	Emami-Neyestanak, A	TR 10:30 - 11:55	080 MRE	
EE/Ma/CS 127	3-0-6	Error-Correcting Codes <i>New time</i>	01	Ho, T	MWF 15:00 - 15:55	107 ANB	
APh/EE 132	3-0-6	Optoelectronic Materials and Devices	01	Yariv, A	TR 09:00 - 10:25	104 WAT	

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<b>ELECTRICAL ENGINEERING</b>							
CS/EE 145	0-0-9	Projects in Networking	01	Low, S / Wierman, A	TR 10:30 - 11:55	213 ANB	
CS/EE 146	3-3-3	Advanced Networking	01	Wierman, A	TR 14:30 - 15:55	213 ANB	
EE/CNS/CS 148B	3-0-6	Selected Topics in Computational Vision <i>Class Cancelled</i>	01	Perona, P	TR 10:30 - 11:55	104 WAT	
EE 150	2-4-0	Topics in Electrical Engineering: Introduction to Mechatronics <i>Please see instructor at first class session to enroll in the course.</i>	01	George, G	TR 13:00 - 13:55	070 MRE	P
EE 153	3-2-7	Microwave Circuits and Antennas	01	Antsos, D	T 15:00 - 16:55 R 15:00 - 15:55	080 MRE 080 MRE	
EE 161	3-0-6	Wireless Communications	01	Hassibi, B	TR 10:30 - 11:55	070 MRE	
EE 163B	3-0-6	Communication Theory <i>Class Cancelled</i>	01	Srinivasan, M	MW 09:30 - 10:55	070 MRE	
CS/EE 181C	3-6-3	VLSI Design Laboratory <i>limited enrolled // see instructor for class info</i>	01	Martin, A	A	A	
APh/EE 183	3-0-6	Physics of Semiconductors and Semiconductor Devices	01	Atwater, H	TR 13:00 - 14:25	104 WAT	
EE/BE 185	3-0-6	MEMS Technology and Devices	01	Tai, Y	MW 14:30 - 15:55	080 MRE	
EE 291	+	Advanced Work in Electrical Engineering	01	Atwater, H	A	A	P
			02	Ho, T	A	A	P
			03	Bruck, J	A	A	P
			04	Burdick, J	A	A	P
			05	Abu-Mostafa, Y	A	A	P
			06	Doyle, J	A	A	P
			07	Effros, M	A	A	P
			08	Heath, J	A	A	P

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<b>ELECTRICAL ENGINEERING</b>							
EE 291	+	Advanced Work in Electrical Engineering	09	George, G	A	A	P
			10	Weinreb, S	A	A	P
			11	Hajimiri, S	A	A	P
			12	Hassibi, B	A	A	P
			13	Campbell, J	A	A	P
			14	Low, S	A	A	P
			15	McEliece, R	A	A	P
			16	Gharib, M	A	A	P
			17	Murray, R	A	A	P
			18	Perona, P	A	A	P
			19	Vahala, K	A	A	P
			20	Koch, C	A	A	P
			21	Psaltis, D	A	A	P
			23	Quartz, S	A	A	P
			24	Roukes, M	A	A	P
			25	Rutledge, D	A	A	P
			26	Scherer, A	A	A	P
			28	Tai, Y	A	A	P
			29	Vaidyanathan, P	A	A	P
			30	Yariv, A	A	A	P
32	Yang, C	A	A	P			
34	Martin, A	A	A	P			
35	Avouac, J	A	A	P			
36	Bridges, W	A	A	P			
37	Zmuidzinas, J	A	A	P			
38	Emami-Neyestanak, A	A	A	P			
<b>ENERGY SCIENCE AND TECHNOLOGY</b>							
MS/EST 143	3-0-6	Solid-State Electrochemistry for Energy Storage and Conversion	01	Haile, S	MWF 09:00 - 09:55	105 ANB	
<b>ENGINEERING</b>							



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<b>ENGINEERING</b>							
E 010	1-0-2	Technical Seminar Presentations <i>Maximum enrollment: 6 students per section</i>	01	Fender, A	OM,T 19:30 - 20:25 M 09:00 - 09:55	142 KCK 142 KCK	G
			02	Fender, A	OM,T 19:30 - 20:25 M 10:00 - 10:55	142 KCK 142 KCK	G
			03	Fender, A	OM,T 19:30 - 20:25 M 11:00 - 11:55	142 KCK 142 KCK	G
			04	Fender, A	OM,T 19:30 - 20:25 W 09:00 - 09:55	142 KCK 142 KCK	G
			05	Fender, A	OM,T 19:30 - 20:25 W 10:00 - 10:55	142 KCK 142 KCK	G
			06	Fender, A	OM,T 19:30 - 20:25 W 11:00 - 11:55	142 KCK 142 KCK	G
			07	Fender, A	OM,T 19:30 - 20:25 F 09:00 - 09:55	142 KCK 142 KCK	G
			08	Fender, A	OM,T 19:30 - 20:25 F 10:00 - 10:55	142 KCK 142 KCK	G
			09	Fender, A	OM,T 19:30 - 20:25 F 11:00 - 11:55	142 KCK 142 KCK	G
E 011	1-0-2	Written Technical Communication in Engineering and Applied Science <i>Maximum enrollment: 35 students per section</i>	01	Pierce, G	T 10:00 - 10:55	142 KCK	
			02	Readhead, C	R 15:00 - 15:55	308 FIR	
E/ME 103	3-0-6	Management of Technology	01	Pickar, K	TR 14:30 - 15:55	206 TOM	
<b>ENGLISH</b>							
Hum/En 005	3-0-6	Major British Authors <i>Attendance at the first class is required.</i> <i>//Maximum enrollment: 15 students</i>	01	Gilmore, D	W 19:00 - 21:55	237 BAX	
Hum/En 006	3-0-6	American Literature and Culture <i>Attendance at the first class is required.</i> <i>//Maximum enrollment: 15 students per section</i>	01	Jurca, C	TR 09:00 - 10:25	117 DAB	
			02	Hunter, C	TR 14:30 - 15:55	115 DAB	

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<b>ENGLISH</b>							
Hum/En 007	3-0-6	Modern European Literature <i>Attendance at first class is required.//Maximum enrollment: 15 students</i>	01	Gilmartin, K	TR 09:00 - 10:25	127 BAX	
En 084	3-0-6	Writing About Science <i>Maximum enrollment: 15 students</i>	01	Youra, S	TR 13:00 - 14:25	115 DAB	
En 085	3-0-6	Writing Poetry <i>Maximum Enrollment: 15 students</i>	01	Hall, J	TR 14:30 - 15:55	128 BAX	
En 098	+	Reading in English	01 02 03	Gilmartin, K Gilmore, D Weinstein, C	A A A	A A A	P P P
En 099B	1-0-8	Senior Tutorial for English Majors	01 02 03 04 05 06	Rosenstone, R Baskin, J Haugen, K Jurca, C Gilmartin, K Weinstein, C	A A A A A A	A A A A A A	G G G G G G
En 123	3-0-6	The 19th-Century English Novel <i>Maximum enrollment: 20 students</i>	01	Gilmore, D	T 18:00 - 20:55	237 BAX	G
En 126	3-0-6	Gothic Fiction <i>Open by lottery only; see REGIS home page for info // Maximum enrollment: 20 students</i>	01	Gilmartin, K	T 19:00 - 21:55	TR DAB	
En 132	3-0-6	American Literature Until the Civil War <i>Maximum enrollment: 20 students</i>	01	Hunter, C	TR 10:30 - 11:55	117 DAB	G
En/F 160B	3-0-6	Introduction to Classical Hollywood Film <i>Maximum enrollment: 20 students // En/F 160a is not a prerequisite to this course.</i>	01	Jurca, C	TR 14:30 - 15:55 M 19:00 - 22:55	228 BAX 228 BAX	
En 180	3-0-6	Special Topics in English: Cervantes, Truth or Dare: Don Quixote in an Age of Empire <i>taught concurrently with H 161, section 3//Maximum enrollment: 10 students</i>	01	Wey-Gomez, N	TR 09:00 - 10:25	115 DAB	

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<b>ENGLISH</b>							
En 184	3-0-6	Literary Biography <i>Maximum enrollment: 15 students</i>	01	Haugen, K	T 19:00 - 21:55	117 DAB	G
<b>ENGLISH AS A SECOND LANGUAGE</b>							
ESL105	0-0-0	Oral Presentation and Public Speaking	01	Geasland, J	MW 17:00 - 18:55	127 BAX	P
<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
ESE001	3-0-6	Introduction to Environmental Science and Engineering	01	Leadbetter, J	MWF 14:00 - 14:55	162 SMD	
ESE090	+	Undergraduate Laboratory Research in Environmental Science and Engineering	01	Newman, D	A	A	P
			04	Hoffmann, M	A	A	P
			06	Leadbetter, J	A	A	P
ESE100	+	Special Topics in Environmental Science and Engineering	01	Adkins, J	A	A	P
			02	Flagan, R	A	A	P
			03	Sessions, A	A	A	P
			04	Hoffmann, M	A	A	P
			07	Newman, D	A	A	P
			09	Seinfeld, J	A	A	P
			10	Wennberg, P	A	A	P
			12	Schneider, T	A	A	P
			13	Orphan, V	A	A	P
ESE/Ge 148C	3-0-6	Global Environmental Science: Biogeochemical Cycles	01	Sessions, A	MWF 10:00 - 10:55	251 ARM	G
Ge/ESE 149	3-0-6	Marine Geochemistry	01	Adkins, J	MWF 09:00 - 09:55	215 NMD	
ESE150C	1-0-0	Seminar in Environmental Science and Engineering	01	Wennberg, P	W 16:00 - 16:55	365 SMD	P
ESE/Ge 152	3-0-6	Atmospheric Radiation	01	Yung, Y	T 14:30 - 15:25	176 SMD	
					W 14:00 - 14:55	176 SMD	
					F 14:00 - 14:55	212 NMD	

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<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
Ge/ESE 170	3-2-4	Microbial Ecology	01	Orphan, V	MWF 11:00 - 11:55	267 ARM	
ESE/Ge/Ch 171	3-0-6	Atmospheric Chemistry I	01	Seinfeld, J / Wennberg, P	MWF 13:00 - 13:55	106 SPL	
ESE/Ge 173	3-0-6	Topics in Atmosphere and Ocean Dynamics	01	Schneider, T	TR 13:00 - 14:25	162 SMD	
ESE/Ch/Ge 175B	3-0-6	Environmental Organic Chemistry	01	Hoffmann, M	MWF 10:00 - 10:55	102 SPL	
ESE200	+	Advanced Topics in Environmental Science and Engineering	01	Seinfeld, J	A	A	P
ESE300	+	Thesis Research	01	Adkins, J	A	A	P
			02	Sessions, A	A	A	P
			03	Hering, J	A	A	P
			04	Hoffmann, M	A	A	P
			05	Ingersoll, A	A	A	P
			06	Leadbetter, J	A	A	P
			08	Randerson, 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	Bordoni, S	A	A	P
			<b>FILM</b>				
En/F 160B	3-0-6	Introduction to Classical Hollywood Film <i>Maximum enrollment: 20 students // En/F 160a is not a prerequisite to this course.</i>	01	Jurca, C	TR 14:30 - 15:55 M 19:00 - 22:55	228 BAX 228 BAX	
<b>GEOLOGY</b>							
Ge 001	3-3-3	Earth and Environment <i>Field Trip Dates: Friday, May 6 - Sunday, May 8 and Friday, May 13 - Sunday, May 15//Labs</i>	01	Wernicke, B	MWF 14:00 - 14:55	155 ARM	G

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<b>GEOLOGY</b>							
Ge/Ay 011C	3-0-6	Planetary Sciences <i>Taught concurrently with Ge 103</i>	01	Ingersoll, A	TR 14:30 - 15:55	162 SMD	
Ge 013	1-0-2	Scientific Writing Tutorial in the Geological and Planetary Sciences	01	Daley, C / Kirschvink, J	T 15:00 - 15:55	215 NMD	
Ge 040	+	Special Problems for Undergraduates	01	Kirschvink, J	A	A	P
			02	Ponce, A	A	A	P
			03	Lamb, M	A	A	P
			04	Adkins, J	A	A	P
			05	Rossmann, G	A	A	P
			06	Ingersoll, A	A	A	P
			07	Stock, J	A	A	P
Ge 041C	+	Undergraduate Research and Bachelor's Thesis	01	Grotzinger, J	A	A	P
			02	Newman, D	A	A	P
			03	Kirschvink, J	A	A	P
			04	Stock, J	A	A	P
			05	Sieh, K	A	A	P
			06	Orphan, V	A	A	P
			11	Asimow, P	A	A	P
Ge 103	3-0-6	Introduction to the Solar System <i>Taught concurrently with Ge/Ay 011C</i>	01	Ingersoll, A	TR 14:30 - 15:55	162 SMD	
Ge 109	1-0-2	Oral Presentation	01	Bikle, K / Aharonson, O	R 17:15 - 18:55	151 ARM	P
Ge 111B	0-3-6	Applied Geophysics Field Course <i>Field Trip Dates: March 20 - March 26</i>	01	Clayton, R / Simons, M	R 09:00 - 10:25	162 SMD	
Ge 115B	3-0-3	Petrology and Petrography: Metamorphic Petrology	01	Eiler, J	MWF 11:00 - 11:55	212 NMD	
Ge 115C	0-4-2	Petrology and Petrography: Petrography Laboratory	01	Hurowitz, J	MW 14:00 - 15:55	267 ARM	
Ge 121C	0-9-3	Advanced Field and Structural Geology <i>Field Trip Dates: Sunday 5/1 through Thursday</i>	01	Saleeby, J	W 18:30 - 21:25	215 NMD	

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<b>GEOLOGY</b>							
Ge 124A	0-0-6	Paleomagnetism and Magnetostratigraphy <i>Field Trip Dates: April 14-17th</i>	01	Kirschvink, J	OM,M 15:00 - 15:25	267 ARM	
Ge 124B	3-3-3	Paleomagnetism and Magnetostratigraphy	01	Kirschvink, J	M 13:00 - 13:55 TR 14:30 - 15:55	267 ARM 267 ARM	
Ge 131	3-0-6	Planetary Structure and Evolution	01	Stevenson, D	MWF 10:00 - 10:55	162 SMD	
Ge 136C	1-0-2	Regional Field Geology of the Southwestern United States <i>Field Trip Dates: April 22-24th</i>	01	Kirschvink, J	OM,M 09:30 - 09:55	267 ARM	P
ESE/Ge 148C	3-0-6	Global Environmental Science: Biogeochemical Cycles	01	Sessions, A	MWF 10:00 - 10:55	251 ARM	G
Ge/ESE 149	3-0-6	Marine Geochemistry	01	Adkins, J	MWF 09:00 - 09:55	215 NMD	
Ge 151	3-3-3	Fundamentals of Planetary Surfaces <i>2 hour lab - TBA//Field Trip Dates : TBA</i>	01	Aharonson, O	W 15:00 - 16:55 TR 13:00 - 14:25	162 SMD 267 ARM	
ESE/Ge 152	3-0-6	Atmospheric Radiation	01	Yung, Y	T 14:30 - 15:25 W 14:00 - 14:55 F 14:00 - 14:55	176 SMD 176 SMD 212 NMD	
Ge 163	3-0-6	Geodynamics	01	Gurnis, M	MWF 09:00 - 09:55	162 SMD	
Ge 167	3-0-6	Tectonic Geodesy	01	Simons, M	TR 10:30 - 11:55	162 SMD	
Ge 168	3-0-6	Crustal Geophysics	01	Clayton, R	MWF 10:00 - 10:55	215 NMD	
Ge/ESE 170	3-2-4	Microbial Ecology	01	Orphan, V	MWF 11:00 - 11:55	267 ARM	
ESE/Ge/Ch 171	3-0-6	Atmospheric Chemistry I	01	Seinfeld, J / Wennberg, P	MWF 13:00 - 13:55	106 SPL	

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<b>GEOLOGY</b>							
ESE/Ge 173	3-0-6	Topics in Atmosphere and Ocean Dynamics	01	Schneider, T	TR 13:00 - 14:25	162 SMD	
ESE/Ch/Ge 175B	3-0-6	Environmental Organic Chemistry	01	Hoffmann, M	MWF 10:00 - 10:55	102 SPL	
Ge 179C	1-0-0	Seismological Laboratory Seminar	01	Helmberger, D	F 16:00 - 16:55	256 SMD	P
Ge 212	3-0-6	Thermodynamics of Geological Systems	01	Asimow, P	MWF 10:00 - 10:55	267 ARM	
Ge 214	3-0-6	Spectroscopy of Minerals	01	Rossman, G	MWF 15:00 - 15:55	251 ARM	
Ge 261	3-0-6	Advanced Seismology	01	Helmberger, D	MWF 11:00 - 11:55	256 SMD	
Ae/Ge/ME 266B	3-0-6	Dynamic Fracture and Frictional Faulting	01	Lapusta, N	MF 14:00 - 15:25	306 TOM	
Ge 297	+	Advanced Study	01	Adkins, J	A	A	P
			02	Clayton, R	A	A	P
			03	Stock, J	A	A	P
			04	Asimow, P	A	A	P
			05	Blake, G	A	A	P
			06	Brown, M	A	A	P
			07	Grotzinger, J	A	A	P
			08	Eiler, J	A	A	P
			09	Jackson, J	A	A	P
			10	Farley, K	A	A	P
			11	Gurnis, M	A	A	P
			12	Saleeby, J	A	A	P
			13	Helmberger, D	A	A	P
			14	Ingersoll, A	A	A	P
			15	Jackson, J	A	A	P
			16	Kirschvink, J	A	A	P
			17	Kulkarni, S	A	A	P

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Ge 297	+	Advanced Study	18	Newman, D	A	A	P
			19	Fischer, W	A	A	P
			20	Bordoni, S	A	A	P
			22	Rossman, G	A	A	P
			23	Lamb, M	A	A	P
			25	Simons, M	A	A	P
			26	Stevenson, D	A	A	P
			28	Stolper, E	A	A	P
			32	Wernicke, B	A	A	P
			34	Yung, Y	A	A	P
			35	Wennberg, P	A	A	P
			36	Avouac, J	A	A	P
			37	Aharonson, O	A	A	P
			38	Lapusta, N	A	A	P
			39	Sessions, A	A	A	P
40	Orphan, V	A	A	P			
41	Ampuero Saenz, J	A	A	P			
Ge 299	+	Thesis Research	01	Adkins, J	A	A	P
			02	Aharonson, O	A	A	P
			03	Ahrens, T	A	A	P
			04	Kirschvink, J	A	A	P
			05	Asimow, P	A	A	P
			06	Blake, G	A	A	P
			07	Brown, M	A	A	P
			08	Clayton, R	A	A	P
			09	Eiler, J	A	A	P
			10	Farley, K	A	A	P
			11	Gurnis, M	A	A	P
			12	Heaton, T	A	A	P
			13	Helmberger, D	A	A	P
			14	Schneider, T	A	A	P
			15	Grotzinger, J	A	A	P
			16	Simons, M	A	A	P



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Ge 299	+	Thesis Research	17	Avouac, J	A	A	P
			18	Newman, D	A	A	P
			19	Ampuero Saenz, J	A	A	P
			20	Ingersoll, A	A	A	P
			21	Orphan, V	A	A	P
			23	Saleeby, J	A	A	P
			24	Rossman, G	A	A	P
			26	Stevenson, D	A	A	P
			27	Stock, J	A	A	P
			28	Stolper, E	A	A	P
			32	Yung, Y	A	A	P
			33	Wernicke, B	A	A	P
			35	Sessions, A	A	A	P
			36	Lapusta, N	A	A	P
			37	Jackson, J	A	A	P
<b>HISTORY</b>							
Hum/H 003B	3-0-6	European Civilization: Early Modern Europe <i>Attendance at the first class is required.</i> <i>//Maximum enrollment: 15 students</i>	01	Brewer, J	TR 09:00 - 10:25	128 BAX	G
Hum/H 003C	3-0-6	European Civilization: Modern Europe <i>Attendance at the first class is required.</i> <i>//Maximum enrollment: 12 students in section 1 and 18 students in section 2</i>	01	Rosenstone, R	T 13:00 - 14:55 R 19:30 - 21:25	117 DAB 228 BAX	
			02	Kormos-Buchwald, D	TR 14:30 - 15:55	House EINSTEIN	
Hum/H 004A	3-0-6	Before Greece: The Origins of Civilization in Mesopotamia <i>Attendance at the first class is required.</i> <i>//Maximum enrollment: 15 students</i>	01	Buchwald, J	W 19:00 - 21:55	115 DAB	G
H 098	+	Reading in History	01	Buchwald, J	A	A	P
			02	Rosenstone, R	A	A	P
			03	Dennison, T	A	A	P
H 099C	1-0-8	Research Tutorial	01	Hoffman, P	A	A	
			02	Brown, W	A	A	

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<b>HISTORY</b>							
H 099C	1-0-8	Research Tutorial	03	Dennison, T	A	A	
H 110	3-0-6	Saints, Sinners, and Sexuality in the Medieval World <i>Maximum enrollment: 15 students // New time</i>	01	Clark, K	TR 10:30 - 11:55	315 BAX	G
H/Art 119	3-0-6	Art Worlds <i>Maximum enrollment: 15 students</i>	01	Hunter, M / Brewer, J	T 19:00 - 21:55	210 BAX	
H 121	3-0-6	American Radicalism <i>Open by lottery only; see REGIS home page for info // Maximum enrollment: 15 students</i>	01	Rosenstone, R	R 13:00 - 14:25 T 19:30 - 20:55	117 DAB 228 BAX	
Law/PS/H 148B	3-0-6	The Supreme Court in U.S. History <i>Maximum enrollment: 30 students//Law/PS/H 148A is a pre-requisite to 148B.</i>	01	Kousser, J	T 19:30 - 22:25	218 BAX	G
HPS/H 156	3-0-6	The History of Modern Science <i>First class meeting will be held April 6th (the first week's class has been cancelled).</i>	01	Heilbron, J	W 19:00 - 21:55	25 BAX	P
H 161	3-0-6	Selected Topics in History <i>Sec 1: The Crusades (max enroll: 25)/Sec 2: Between Science and Humanitates: Classifications, Experimentation &amp; Modern Art History in the Europe of Antiquaries (16th-18th centuries)- max enroll: 15/Sec 3: Cervantes, Truth or Dare: Don Quixote in an Age of Empire (taught with En 180-max enroll: 10)</i>	01 02 03	Brown, W Napolitano, S Wey-Gomez, N	MWF 13:00 - 13:55 W 19:00 - 21:55 TR 09:00 - 10:25	218 BAX 117 DAB 115 DAB	
HPS/H 167	3-0-6	Experimenting with History/Historic Experiment <i>Maximum enrollment: 9 students // Note: students who took H 170 winter term cannot take HPS/H 167 spring term because of overlap. //This class involves experiments.</i>	01	Buchwald, J	TR 10:30 - 11:55	TR DAB	G
HPS/H 169	3-0-6	Selected Topics in the History of Science and Technology: Galileo, Darwin, and Einstein: Scientists and their Revolutions	01	Kormos-Buchwald, D	W 19:00 - 21:55	House EINSTEIN	

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<b>HISTORY</b>							
H/HPS 185	3-0-6	Angels and Monsters <i>Maximum enrollment: 15 students // see course syllabus link for course description</i>	01	Wey-Gomez, N	TR 13:00 - 14:25	210 BAX	
<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	01	Hitchcock, C	TR 14:30 - 15:55	127 BAX	
HPS/PI 128	3-0-6	Philosophy of Mathematics	01	Hitchcock, C	TR 10:30 - 11:55	127 BAX	
HPS/PI 133	3-0-6	Philosophy and Neuroscience <i>Maximum Enrollment: 16 Students</i>	01	Quartz, S	T 13:00 - 15:55	237 BAX	
HPS/H 156	3-0-6	The History of Modern Science <i>First class meeting will be held April 6th (the first week's class has been cancelled).</i>	01	Heilbron, J	W 19:00 - 21:55	25 BAX	P
HPS/H 167	3-0-6	Experimenting with History/Historic Experiment <i>Maximum enrollment: 9 students // Note: students who took H 170 winter term cannot take HPS/H 167 spring term because of overlap. //This class involves experiments.</i>	01	Buchwald, J	TR 10:30 - 11:55	TR DAB	G
HPS/H 169	3-0-6	Selected Topics in the History of Science and Technology: Galileo, Darwin, and Einstein: Scientists and their Revolutions	01	Kormos-Buchwald, D	W 19:00 - 21:55	House EINSTEIN	
PI/HPS 183	3-0-6	Bioethics <i>Maximum enrollment: 25 students</i>	01	Cowie, F	WF 13:00 - 14:25	128 BAX	G
H/HPS 185	3-0-6	Angels and Monsters <i>Maximum enrollment: 15 students // see course syllabus link for course description</i>	01	Wey-Gomez, N	TR 13:00 - 14:25	210 BAX	
HPS/PI 188	3-0-6	The Evolution of Cognition <i>Open by lottery only; see REGIS home page for info // Maximum enrollment: 15 students</i>	01	Cowie, F	TR 13:00 - 14:25	127 BAX	

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<b>HUMANITIES</b>							
Hum/H 003B	3-0-6	European Civilization: Early Modern Europe <i>Attendance at the first class is required.</i> <i>//Maximum enrollment: 15 students</i>	01	Brewer, J	TR 09:00 - 10:25	128 BAX	G
Hum/H 003C	3-0-6	European Civilization: Modern Europe <i>Attendance at the first class is required.</i> <i>//Maximum enrollment: 12 students in section 1 and 18 students in section 2</i>	01 02	Rosenstone, R Kormos-Buchwald, D	T 13:00 - 14:55 R 19:30 - 21:25 TR 14:30 - 15:55	117 DAB 228 BAX House EINSTEIN	
Hum/H 004A	3-0-6	Before Greece: The Origins of Civilization in Mesopotamia <i>Attendance at the first class is required.</i> <i>//Maximum enrollment: 15 students</i>	01	Buchwald, J	W 19:00 - 21:55	115 DAB	G
Hum/En 005	3-0-6	Major British Authors <i>Attendance at the first class is required.</i> <i>//Maximum enrollment: 15 students</i>	01	Gilmore, D	W 19:00 - 21:55	237 BAX	
Hum/En 006	3-0-6	American Literature and Culture <i>Attendance at the first class is required.</i> <i>//Maximum enrollment: 15 students per section</i>	01 02	Jurca, C Hunter, C	TR 09:00 - 10:25 TR 14:30 - 15:55	117 DAB 115 DAB	
Hum/En 007	3-0-6	Modern European Literature <i>Attendance at first class is required.</i> <i>//Maximum enrollment: 15 students</i>	01	Gilmartin, K	TR 09:00 - 10:25	127 BAX	
<b>INFORMATION SCIENCE AND TECHNOLOGY</b>							
IST004	3-0-6	Information and Logic	01	Bruck, J	TR 14:30 - 15:55	105 ANB	G
<b>LANGUAGES</b>							
L 001	3-0-0	Selected Topics in Language <i>Pre-requisite: L 102abc and L 103abc or equivalent. Taught in French. // Maximum enrollment: 12 students</i>	01	Orcel, C	TR 08:30 - 09:55	237 BAX	P
L 102C	3-0-6	Elementary French	01	Orcel, C	TF 12:00 - 12:55 R 17:00 - 17:55	115 DAB 115 DAB	

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<b>LANGUAGES</b>							
L 103C	3-0-6	Intermediate French	01	Orcel, C	WR 12:00 - 12:55 F 14:00 - 14:55	115 DAB 115 DAB	
L 106C	5-0-4	Elementary Japanese <i>Taught by Dr. Hirai//maximum enrollment: 20 students per section</i>	01 02	Toner, R Toner, R	MTWR 15:00 - 15:55 MTWR 16:00 - 16:55	218 BAX 218 BAX	
L 107C	5-1-4	Intermediate Japanese <i>Prerequisite: L 106abc or equivalent // maximum enrollment: 20 students//Oral communication practice on Thursdays from 4-5:30 in DAB 117.</i>	01	Hirata, K	TWR 12:00 - 12:55	218 BAX	G
L 110C	3-0-6	Elementary Spanish <i>maximum enrollment: 20 students per section</i>	01 02	Garcia, D Arjona, G	MWR 12:00 - 12:55 MW 16:00 - 17:25	210 BAX 125 BAX	
L 112C	3-0-6	Intermediate Spanish <i>maximum enrollment: 20 students</i>	01	Arjona, G	M 19:00 - 20:25 W 19:00 - 20:25	117 DAB 315 BAX	
L 114C	3-0-6	Spanish and Latin American Literature	01	Garcia, D	MTR 17:00 - 17:55	228 BAX	
L 130C	3-0-6	Elementary German	01	Aebi, A	MWR 13:00 - 13:55	237 BAX	G
L 132C	3-0-6	Intermediate German	01	Aebi, A	MWR 12:00 - 12:55	237 BAX	G
L 152B	3-0-6	French Literature in Translation: Classical and Modern <i>**May not be taken more than once for credit**</i>	01	De Bedts, C	MR 14:30 - 15:55	117 DAB	
L 167C	3-0-6	Latin Literature	01	Pigman, G	TR 19:00 - 20:25	127 BAX	
L 170C	4-1-5	Introduction to Chinese	01	Wang, X	MW 19:00 - 20:25	218 BAX	
L 171C	5-0-4	Elementary Chinese	01	Ming, F	MR 19:00 - 19:55 T 20:00 - 20:55	115 DAB 115 DAB	
L 172C	4-1-5	Intermediate Chinese	01	Wang, X	MW 16:00 - 17:25	210 BAX	

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<b>LANGUAGES</b>							
L 174	3-0-6	Topics in Chinese Literature	01	Ming, F	M 20:00 - 21:45 T 21:00 - 22:15	115 DAB 115 DAB	
<b>LAW</b>							
Law134	3-0-6	Law and Technology	01	McCaffery, E	MW 13:00 - 14:25	25 BAX	
Law/PS/H 148B	3-0-6	The Supreme Court in U.S. History <i>Maximum enrollment: 30 students//Law/PS/H 148A is a pre-requisite to 148B.</i>	01	Kousser, J	T 19:30 - 22:25	218 BAX	G
<b>MATERIALS SCIENCE</b>							
MS 078C	+	Senior Thesis	01 02 03 04	Haile, S Johnson, W Snyder, G Greer, J	A A A A	A A A A	P P P P
MS 090	1-6-2	Materials Science Laboratory <i>Maximum Enrollment: 12 students</i>	01	Shapiro, A	M 11:00 - 11:55 MWF 09:00 - 10:55	080 MRE A	
MS 100	+	Advanced Work in Materials Science	01 05 10	Haile, S Johnson, W Haile, S	A A A	A A A	P P P
MS 105	3-0-6	Phase Transformations <i>offered concurrently with APh105C</i>	01	Fultz, B	MW 13:00 - 14:25	104 WAT	
MS 110C	1-0-0	Materials Research Lectures	01	Snyder, G	W 16:00 - 16:55	106 SPL	P
MS 133	3-0-6	Kinetic Processes in Materials <i>first class meeting will be on Thursday, March 31st. Make-up class scheduled for Tuesday, April 5th from 12-1:30 in SPL 102.</i>	01	Greer, J / Kornfield, J	TR 09:00 - 10:25	102 SPL	
MS/EST 143	3-0-6	Solid-State Electrochemistry for Energy Storage and Conversion	01	Haile, S	MWF 09:00 - 09:55	105 ANB	

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<b>MATERIALS SCIENCE</b>										
MS 200	+	Advanced Work in Materials Science	01	Johnson, W	A	A	P			
			02	Goddard, W	A	A	P			
			03	van de Walle, A	A	A	P			
			04	Fultz, B	A	A	P			
			05	Snyder, G	A	A	P			
			06	Heath, J	A	A	P			
			08	Lewis, N	A	A	P			
			09	Haile, S	A	A	P			
			10	Atwater, H	A	A	P			
			11	Daraio, C	A	A	P			
			12	Greer, J	A	A	P			
			15	Ortiz, M	A	A	P			
			MS 300	+	Thesis Research	01	Johnson, W	A	A	P
						02	van de Walle, A	A	A	P
						03	Atwater, H	A	A	P
04	Goddard, W	A				A	P			
05	Fultz, B	A				A	P			
06	Greer, J	A				A	P			
07	Snyder, G	A				A	P			
10	Rosakis, A	A				A	P			
13	Haile, S	A				A	P			
16	Cross, M	A				A	P			
17	Yazami, R	A	A	P						
<b>MATHEMATICS</b>										
Ma 001C	4-0-5	Calculus of One and Several Variables and Linear Algebra <i>Practical Track: Section 1-7 &amp; 13// Analytical Track: Sections 8-12 //Maximum Enrollment: 20 students per section</i>	01	Graber, T	MWF 10:00 - 10:55 R 09:00 - 09:55	119 KRK 151 SLN	G			
			02	Graber, T	MWF 10:00 - 10:55 R 10:00 - 10:55	119 KRK 103 DWN	G			
			03	Graber, T	MWF 10:00 - 10:55 R 10:00 - 10:55	119 KRK 142 KCK	G			
			04	Graber, T	MWF 10:00 - 10:55 R 13:00 - 13:55	119 KRK 107 DWN	G			

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<b>MATHEMATICS</b>										
Ma 001C	4-0-5	Calculus of One and Several Variables and Linear Algebra <i>Practical Track: Section 1-7 &amp; 13// Analytical Track: Sections 8-12 //Maximum Enrollment: 20 students per section</i>	05	Graber, T	MWF 10:00 - 10:55 R 14:00 - 14:55	119 KRK 107 DWN	G			
			07	Graber, T	MWF 10:00 - 10:55 R 10:00 - 10:55	119 KRK 11 DWN	G			
			08	Flach, M	MWF 10:00 - 10:55 R 09:00 - 09:55	22 GTS 153 SLN	G			
			09	Flach, M	MWF 10:00 - 10:55 R 10:00 - 10:55	22 GTS 119 DWN	G			
			10	Flach, M	MWF 10:00 - 10:55 R 13:00 - 13:55	22 GTS 103 DWN	G			
			11	Flach, M	MWF 10:00 - 10:55 R 14:00 - 14:55	22 GTS 27 GTS	G			
			12	Flach, M	MWF 10:00 - 10:55 R 10:00 - 10:55	22 GTS 27 GTS	G			
			13	Graber, T	MWF 10:00 - 10:55 R 13:00 - 13:55	119 KRK 159 SLN	G			
			Ma 003	3-0-6	Number Theory for Beginners	01	Nelson, P	MWF 09:00 - 09:55	153 SLN	
			Ma 004	3-0-6	Introduction to Mathematical Chaos	01	Marcolli, M	TR 10:30 - 11:55	153 SLN	
			Ma 005C	3-0-6	Introduction to Abstract Algebra	01	Jorza, A	MWF 09:00 - 09:55	151 SLN	
			Ma/CS 006C	3-0-6	Introduction to Discrete Mathematics	01	Sokic, M	TR 13:00 - 14:25	153 SLN	
			Ma 011	0-0-3	Mathematical Writing	01	Wilson, R	OM,TR 11:00 - 11:55	307 KLG	
Ma 092C	+	Senior Thesis	01	Staff	A	A	P			
Ma 098	+	Independent Reading <i>Faculty permission required to register for course.</i>	01	Aschbacher, M	A	A	P			
			02	Jorza, A	A	A	P			
			03	Flach, M	A	A	P			



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<b>MATHEMATICS</b>							
Ma 108C	3-0-6	Classical Analysis	01	Lee, S	MWF 11:00 - 11:55	151 SLN	
Ma 109C	3-0-6	Introduction to Geometry and Topology	01	Day, M	MWF 10:00 - 10:55	153 SLN	
Ma 110C	3-0-6	Analysis, I	01	Simon, B	MWF 11:00 - 11:55	159 SLN	
Ma/CS 117C	3-0-6	Computability Theory	01	Kechris, A	TR 13:00 - 14:25	257 SLN	
Ma 120C	3-0-6	Abstract Algebra	01	Mantovan, E	MWF 09:00 - 09:55	159 SLN	
Ma 121C	3-0-6	Combinatorial Analysis	01	Balachandran, N	TR 10:30 - 11:55	159 SLN	
EE/Ma/CS 127	3-0-6	Error-Correcting Codes <i>New time</i>	01	Ho, T	MWF 15:00 - 15:55	107 ANB	
Ma 130C	3-0-6	Algebraic Geometry	01	Mantovan, E	MWF 13:00 - 13:55	159 SLN	
Ma/ACM 142	3-0-6	Ordinary and Partial Differential Equations	01	Duits, M	TR 14:30 - 15:55	159 SLN	
Ma 148C	3-0-6	Topics in Mathematical Physics: Hamiltonian Dynamics	01	Marculli, M	TR 13:00 - 14:25	151 SLN	P
Ma 151C	3-0-6	Algebraic and Differential Topology	01	Calegari, D	MWF 14:00 - 14:55	257 SLN	
Ma 162	3-0-6	Topics in Number Theory	01	Ramakrishnan, D	TR 10:30 - 11:55	257 SLN	
Ma 192C	3-0-6	Hopf Algebras and Renormalization	01	Agarwala, S	TR 14:30 - 15:55	257 SLN	
SS/Ma 214	3-0-6	Mathematical Finance	01	Cvitanic, J	MW 14:30 - 15:55	210 BAX	

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<b>MATHEMATICS</b>							
Ma 290	+	Reading <i>Faculty permission required to register for course.</i>	01	Aschbacher, M	A	A	P
			02	Calegari, D	A	A	P
			03	Flach, M	A	A	P
			04	Graber, T	A	A	P
			05	Kechris, A	A	A	P
			06	Makarov, N	A	A	P
			07	Mantovan, E	A	A	P
			08	Marcolli, M	A	A	P
			09	Ni, Y	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
Ma 390	+	Research <i>Faculty permission required to register for research.</i>	01	Aschbacher, M	A	A	P
			02	Calegari, D	A	A	P
			03	Flach, M	A	A	P
			04	Graber, T	A	A	P
			05	Kechris, A	A	A	P
			06	Makarov, N	A	A	P
			07	Mantovan, E	A	A	P
			08	Marcolli, M	A	A	P
			09	Ni, Y	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
<b>MECHANICAL ENGINEERING</b>							
ME 018B	3-0-6	Thermodynamics	01	Pauken, M	TR 13:00 - 14:25	206 TOM	
ME 035C	3-0-6	Statics and Dynamics	01	Bobaru, F	TR 09:00 - 10:25	206 TOM	G

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<b>MECHANICAL ENGINEERING</b>							
ME 071	3-5-1	Introduction to Engineering Design <i>Maximum Enrollment: 30 Students//Limited to ME or Ae students//Not open to Freshmen</i>	01	Collins, C / Heverly, M	TR 10:30 - 11:55	306 TOM	G
CS/EE/ME 075C	+	Introduction to Multidisciplinary Systems Engineering <i>12 units (2-9-1), 15 units (2-12-1), or 18 units (2-15-1), with instructor's permission</i>	01	Murray, R / Atwater, H / Hunt, M	T 17:00 - 17:55	142 KCK	
ME 090C	0-9-0	Senior Thesis, Experimental	01	Lapusta, N	A	A	G
ME 091C	0-0-9	Senior Thesis, Analytical	01	Lapusta, N	A	A	G
ME 096	0-9-0	Mechanical Engineering Laboratory	01	Ravi, V	W 15:00 - 15:55	306 TOM	
ME 100	+	Advanced Work in Mechanical Engineering	02 03	Hunt, M Burdick, J	A A	A A	P P
Ae/APh/CE/ME 101C	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	101 GUG	G
Ae/AM/CE/ME 102C	3-0-6	Mechanics of Structures and Solids	01	Bhattacharya, K	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	
ME 110	+	Special Laboratory Work in Mechanical Engineering	01 02 03 04	Murray, R Burdick, J Brennen, C Pickar, K	A A A A	A A A A	P P P P
Ae/ME 120B	3-0-6	Combustion Fundamentals	01	Blanquart, G	MWF 14:00 - 14:55	306 FIR	
ME/CS 132B	3-0-6	Advanced Robotics: Navigation and Vision	01	Matthies, L	TR 14:30 - 15:55	306 TOM	G

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<b>MECHANICAL ENGINEERING</b>							
ME 150C	1-0-0	Mechanical Engineering Seminar	01	Lapusta, N	A	A	P
ME 170	0-0-4	Introduction to Mechanical Prototyping <i>Students must submit a questionnaire available at the Registrar's Office before the end of winter term.//A maximum of 25 students will be allowed to enroll.</i>	01	Van Deusen, J	OM,W 10:00 - 10:55	024 SPL	P
ME 200	+	Advanced Work in Mechanical Engineering	01	Lapusta, N	A	A	P
			02	Ravichandran, G	A	A	P
			03	Burdick, J	A	A	P
			04	Brennen, C	A	A	P
Ae/ACM/ME 232C	3-0-6	Computational Fluid Dynamics	01	Meiron, D	TR 14:30 - 15:55	101 GUG	
Ae/Ge/ME 266B	3-0-6	Dynamic Fracture and Frictional Faulting	01	Lapusta, N	MF 14:00 - 15:25	306 TOM	
ME 300	+	Research in Mechanical Engineering	01	Antonsson, E	A	A	P
			02	Bellan, P	A	A	P
			03	Bhattacharya, K	A	A	P
			04	Burdick, J	A	A	P
			05	Colonus, T	A	A	P
			06	Adkins, J	A	A	P
			07	Gharib, M	A	A	P
			08	Goodwin, D	A	A	P
			09	Haile, S	A	A	P
			10	Hunt, M	A	A	P
			11	Lapusta, N	A	A	P
			12	Leonard, A	A	A	P
			13	Murray, R	A	A	P
			14	Ortiz, M	A	A	P
			15	Shepherd, J	A	A	P
			16	Dabiri, J	A	A	P
			17	Brady, J	A	A	P

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<b>MECHANICAL ENGINEERING</b>							
ME 300	+	Research in Mechanical Engineering	18	Brennen, C	A	A	P
			19	Trojan, S	A	A	P
			20	Greer, J	A	A	P
			21	Daraio, C	A	A	P
			22	Dickinson, M	A	A	P
			23	Ravichandran, G	A	A	P
			24	Atwater, H	A	A	P
			25	Fultz, B	A	A	P
			26	Blanquart, G	A	A	P
<b>MUSIC</b>							
Mu 025	3-0-6	History of Chamber Music	01	Neenan, T	MW 14:00 - 15:25	19 BAX	
Mu 123	0-0-0	Life and Music of Beethoven	01	Neenan, T	MW 16:15 - 17:45	19 BAX	
<b>PERFORMANCE AND ACTIVITIES</b>							
PA 015C	1-0-2	Student Publications	01	Mannion, T	F 12:15 - 12:55	41 SAC	P
PA 016C	0-3-0	Cooking Basics <i>Open by lottery only; See the REGIS home page for info//Location: 400 S. Hill</i>	01	Mannion, T	R 18:30 - 21:25	A	P
PA 030C	0-3-0	Guitar	01	Elgart, M	T 16:30 - 17:25	Library AVE	P
		<i>Sec 1: Beginning Guitar / Sec 2: Intermediate Guitar / Sec 3: Advanced Guitar</i>	02	Elgart, M	T 15:30 - 16:25	Library AVE	P
			03	Elgart, M	T 17:30 - 18:25	Library AVE	P
PA 031C	0-3-0	Chamber Music	01	Bing, D	OM,A	A	P
		<i>Sec 1: Mixed Ensembles // Sec 2: Piano Four-Hands // Sec 3: Guitar Ensemble</i>	02	Ward, R	OM,A	A	P
			03	Elgart, M	OM,A	A	P
PA 032C	0-3-0	Symphony Orchestra	01	Gross, A	T 19:30 - 22:15	Ramo Auditorium BAX	P

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<b>PERFORMANCE AND ACTIVITIES</b>							
PA 033C	0-3-0	Concert Band	01	Bing, W	R 19:30 - 21:15	Ramo Auditorium BAX	P
PA 034C	0-3-0	Jazz Band	01	Bing, W	M 19:15 - 21:00 M 21:15 - 22:45	Ramo Auditorium BAX Ramo Auditorium BAX	P
PA 035C	0-3-0	Women's Glee Club	01	Sulahian, N	W 17:00 - 17:55 M 19:30 - 21:25	Basement BCK Basement BCK	P
PA 036C	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 037C	0-3-0	Chamber Singers	01	Sulahian, N	T 17:00 - 18:25	A	P
PA 040C	2-0-1	Theater Arts	01	Brophy, B	W 19:30 - 21:55	A	P
PA 061C	0-3-0	Silkscreen and Silk Painting <i>Location: 275 S. Hill - (Back House) Art Chateau</i>	01	Barry, J	M 19:00 - 21:55	A	P
PA 062C	0-3-0	Drawing and Painting <i>Location: 275 S. Hill (Art Chateau)</i>	01	Barry, J	T 19:00 - 21:55	A	P
PA 063C	0-3-0	Ceramics	01	Freed, S	W 19:00 - 21:55	Ceramic Room POLY	P
PA 070C	2-0-1	Student-Taught Courses <i>Section 1: Survey in Business Strategy // Section 2: Quantum Computation for the Curious</i>	01 02	Rosenthal, J Preskill, J	W 19:00 - 20:55 OM,A	25 BAX A	P P
PA 080B	3-0-0	Pilot Training	01	Volckmann, B	R 19:00 - 21:55	104 WAT	P
<b>PHILOSOPHY</b>							
PI 090B	1-0-8	Senior Thesis	01	Staff	A	A	

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<b>PHILOSOPHY</b>							
PI 102	3-0-6	Selected Topics in Philosophy: Philosophy in the Eighteenth Century: Kant on Science and Philosophy <i>Open to juniors and seniors// Maximum Enrollment: 12 students</i>	01	Stan, M	T 19:00 - 21:55	128 BAX	G
HPS/PI 120	3-0-6	Introduction to Philosophy of Science	01	Hitchcock, C	TR 14:30 - 15:55	127 BAX	
HPS/PI 128	3-0-6	Philosophy of Mathematics	01	Hitchcock, C	TR 10:30 - 11:55	127 BAX	
HPS/PI 133	3-0-6	Philosophy and Neuroscience <i>Maximum Enrollment: 16 Students</i>	01	Quartz, S	T 13:00 - 15:55	237 BAX	
PI/HPS 183	3-0-6	Bioethics <i>Maximum enrollment: 25 students</i>	01	Cowie, F	WF 13:00 - 14:25	128 BAX	G
HPS/PI 188	3-0-6	The Evolution of Cognition <i>Open by lottery only; see REGIS home page for info // Maximum enrollment: 15 students</i>	01	Cowie, F	TR 13:00 - 14:25	127 BAX	
<b>PHYSICAL EDUCATION</b>							
PE 001C	3-0-0	Student Designed Fitness <i>See instructors for days &amp; hours</i>	01	D'Auria, J	A	A	P
PE 006C	3-0-0	Core Training, Beginning/Intermediate	01	Marbut, S	TR 14:00 - 14:55	BAC	P
PE 009C	3-0-0	Soccer	01	Uribe, R	MW 15:00 - 15:55	SOF BAC	P
PE 010C	3-0-0	Aerobic Dance <i>See schedule in Braun Gym</i>	01	Uribe, R	A	A	P
PE 014C	3-0-0	Basketball Skills, Beginning and Beginning/Intermediate	01	Eslinger, O	MW 15:00 - 15:55	BAC	P
PE 020C	3-0-0	Fencing, Beginning and Intermediate/Advanced <i>Beginning</i>	01	D'Asaro, M	TW 15:00 - 15:55	BRW	P

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<b>PHYSICAL EDUCATION</b>							
PE 024C	3-0-0	Yoga, Beginning <i>See schedule in Braun Gym</i>	01	Uribe, R	A	BAC	P
PE 027C	3-0-0	Ultimate Frisbee	01	Boortz, S / Landesman, J	MW 19:30 - 20:55	SOF BAC	P
PE 030C	3-0-0	Golf, Beginning, Intermediate, and Advanced <i>Beginning</i>	01	D'Auria, J	TR 11:00 - 11:55	NOF BAC	P
PE 035C	3-0-0	Diving, Beginning/Intermediate	01	Dodd, C	TR 13:00 - 13:55	POL BAC	P
PE 036C	3-0-0	Swimming, Beginning/Intermediate and Advanced <i>Sec. 1 - Beg/Int ** Sec. 2 - Adv</i>	01 02	Dodd, C Dodd, C	TR 14:00 - 14:55 TR 15:00 - 15:55	POOL BAC POOL BAC	P P
PE 040C	3-0-0	Dance Dance Revolution	01	Sun, Y	OM,T 22:00 - 22:55	BAC	P
PE 044C	3-0-0	Karate (Shotokan), Beginning and Intermediate/Advanced <i>Sec. 1 - Beg ** Sec. 2 - Int/Adv</i>	01 02	Ferguson, I Ferguson, I	MW 19:00 - 19:55 MW 20:00 - 20:55	BAC BAC	P P
PE 046C	3-0-0	Karate (Tang Soo Do), Beginning and Intermediate/Advanced	01	Hassan, R	TR 20:00 - 20:55	BRW	P
PE 048C	3-0-0	T'ai-Chi Ch'uan, Beginning and Intermediate/Advanced	01	Mugglebee, P	M 15:00 - 15:55 R 19:00 - 19:55	BAC BAC	P
PE 050C	3-0-0	Badminton, Beginning/Intermediate	01	Bresanello, S	W 13:00 - 14:55	BRW	P
PE 054C	3-0-0	Racquetball, Beginning and Intermediate/Advanced <i>Beginning</i>	01	D'Auria, J	TR 14:00 - 14:55	BAC	P
PE 056C	3-0-0	Squash, Beginning, Intermediate, Advanced <i>Sec. 1 - Beg ** Sec. 2 - Int/Adv</i>	01 02	Bresanello, S Bresanello, S	OM,T 17:00 - 17:55 OM,T 17:00 - 17:55	BAC BAC	P P
PE 060C	3-0-0	Tennis, Beginning, Intermediate, and Advanced <i>Sec. 1 - Beg ** Sec. 2 - Int ** Sec. 3 - Adv</i>	01 02 03	Uribe, R Gamble, M Gamble, M	MW 12:00 - 12:55 MW 13:00 - 13:55 MW 14:00 - 14:55	TCT BAC TCT BAC TCT BAC	P P P



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<b>PHYSICAL EDUCATION</b>							
PE 070C	3-0-0	Weight Training, Beginning/Intermediate	01	Eslinger, O	MW 13:00 - 13:55	BAC	P
			02	Eslinger, O	MW 14:00 - 14:55	BAC	P
			03	Marbut, S	TR 11:00 - 11:55	BAC	P
			04	Marbut, S	TR 13:00 - 13:55	BAC	P
PE 077C	3-0-0	Volleyball; Beginning, Intermediate, and Advanced <i>Beginning</i>	01	Lindsay, J	TR 14:00 - 14:55	BAC	P
PE 080C	1-1-1	Health Advocates	01	Stapf, M	W 19:00 - 21:55	YHC	P
PE 082C	3-0-0	Rock Climbing, Beginning and Intermediate <i>**\$40 off-site facility fee</i>	01	Hamilton, D	OM,T 20:00 - 20:55	BRW	P
PE 084C	3-0-0	Table Tennis, Beginning, Intermediate, and Advanced <i>Sec. 1 &amp; 2 - Beg/Int ** Sec. 3 - Adv</i>	01	Wang, W	M 12:00 - 13:55	BRW	P
			02	Wang, W	M 14:00 - 15:55	BRW	P
			03	Wang, W	M 18:30 - 20:25	BRW	P
PE 085C	3-0-0	Intercollegiate Track and Field Team (Men/Women)	01	Levesque, J	MTWRFS 16:00 - 17:55	TRK BAC	P
PE 090C	3-0-0	Intercollegiate Water Polo Team (Men and Women)	01	Moser, J	MWFS 16:00 - 17:55	POOL BAC	P
PE 093C	3-0-0	Intercollegiate Baseball Team (Men)	01	D'Auria, J	MTWRFS 16:00 - 17:55	NOF BAC	P
PE 095C	3-0-0	Intercollegiate Tennis Team (Men)	01	Gamble, M	MTWRFS 16:00 - 17:55	TCT BAC	P
PE 096C	3-0-0	Intercollegiate Tennis Team (Women)	01	Gamble, M	MTWRFS 16:00 - 17:55	NOF BAC	P
<b>PHYSICS</b>							
Ph 001C	4-0-5	Classical Mechanics and Electromagnetism <i>Sections 1-4 Practical Track -- Sections 5-10 Analytical Track</i>	01	Filippone, B	MWR 15:00 - 15:55	11 DWN	G
					F 15:00 - 15:55	201 BRG	
			02	Filippone, B	MWR 11:00 - 11:55	11 DWN	G
					F 15:00 - 15:55	201 BRG	

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<b>PHYSICS</b>										
Ph 001C	4-0-5	Classical Mechanics and Electromagnetism <i>Sections 1-4 Practical Track -- Sections 5-10 Analytical Track</i>	03	Filippone, B	MWR 11:00 - 11:55 F 15:00 - 15:55	103 DWN 201 BRG	G			
			04	Filippone, B	MWR 15:00 - 15:55 F 15:00 - 15:55	103 DWN 201 BRG	G			
			05	Harrison, F	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 27 GTS	G			
			06	Harrison, F	WF 11:00 - 11:55 MR 11:00 - 11:55	201 BRG 119 KRK	G			
			07	Harrison, F	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 22 GTS	G			
			08	Harrison, F	WF 11:00 - 11:55 MR 11:00 - 11:55	201 BRG 102 STL	G			
			09	Harrison, F	WF 11:00 - 11:55 MR 11:00 - 11:55	201 BRG 119 DWN	G			
			10	Harrison, F	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 119 DWN	G			
			Ph 003	0-6-0	Physics Laboratory <i>P/F for Frosh, Soph and Juniors / Letter graded for Seniors</i>	01	Sannibale, V / Libbrecht, K	OM,T 14:00 - 14:55	308 BRG	
			Ph 007	0-9-0	Physics Laboratory	01	Rice, F / Libbrecht, K	OM,T 15:00 - 15:55	201 BRG	G
Ph 008C	0-3-0	Experiments in Electromagnetism	01	Pine, J	OM,M 16:00 - 16:55	201 BRG				
Ph 011C	2-0-4	Research Tutorial	01	Tombrello, T	A	201 SLN	P			
Ph 012C	4-0-5	Waves, Quantum Physics, and Statistical Mechanics	01	Preskill, J	TR 10:30 - 11:55	269 LAU	G			
Ph 020	0-6-0	Computational Physics Laboratory	01	Mach, C / Prince, T	OM,M 15:00 - 15:55	304 BRG	P			
Ph 021	0-6-0	Computational Physics Laboratory	01	Mach, C / Prince, T	OM,M 15:00 - 15:55	304 BRG	P			

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<b>PHYSICS</b>							
Ph 022	0-6-0	Computational Physics Laboratory	01	Mach, C / Prince, T	OM,M 15:00 - 15:55	304 BRG	P
Ph 050C	1-0-3	Caltech Physics League	01	Refael, G	A	A	
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 077C	0-5-4	Advanced Physics Laboratory	01	Black, E / Libbrecht, K	OM,M 15:00 - 15:55	210 BRG	G
Ph 078C	9-0-0	Senior Thesis, Experimental	01	Stone, E	A	A	G
Ph 079C	9-0-0	Senior Thesis, Theoretical	01	Stone, E	A	A	G
Ph 106C	3-0-6	Topics in Classical Physics	01	Cross, M	TR 10:30 - 11:55	107 DWN	
Ph 125C	3-0-6	Quantum Mechanics	01	Wise, M	MWF 10:00 - 10:55	107 DWN	
Ph 127C	3-0-6	Statistical Physics	01	Motrunich, O	TR 09:00 - 10:25	107 DWN	
Ph 129C	3-0-6	Mathematical Methods of Physics	01	Schwarz, J	MW 14:30 - 15:55	269 LAU	
Ph 135C	3-0-6	Applications of Quantum Mechanics	01	Kamionkowski, M	TR 13:00 - 14:25	219 CHL	
Ph 171	+	Reading and Independent Study	01	Thorne, K	A	A	P
			02	Hughes, E	A	A	P

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<b>PHYSICS</b>							
Ph 171	+	Reading and Independent Study	03	Refael, G	A	A	P
			04	Wilson, R	A	A	P
			05	Roukes, M	A	A	P
			06	Phillips, R	A	A	P
			07	Wise, M	A	A	P
			08	Yeh, N	A	A	P
			09	Wilson, R	A	A	P
			10	Simon, B	A	A	P
			11	Motrunich, O	A	A	P
			12	Chen, Y	A	A	P
			13	Phinney, E	A	A	P
			14	Porter, F	A	A	P
			16	Libbrecht, K	A	A	P
			22	Gukov, S	A	A	P
			23	Schwarz, J	A	A	P
			24	Carroll, S	A	A	P
			27	Oguri, H	A	A	P
			32	Sari, R	A	A	P
			35	Politzer, H	A	A	P
			45	Kamionkowski, M	A	A	P
46	Kapustin, A	A	A	P			
54	Preskill, J	A	A	P			
55	Cross, M	A	A	P			
56	Eisenstein, J	A	A	P			
57	Weinstein, A	A	A	P			
Ph 172	+	Research in Experimental Physics	01	Barish, B	A	A	P
			02	Martin, C	A	A	P
			03	Painter, O	A	A	P
			04	Hughes, E	A	A	P
			05	Bellan, P	A	A	P
			06	Porter, F	A	A	P
			07	Mabuchi, H	A	A	P
			08	Roukes, M	A	A	P

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Ph 172	+	Research in Experimental Physics	09	Scherer, A	A	A	P
			10	Readhead, A	A	A	P
			11	Hitlin, D	A	A	P
			12	Flagan, R	A	A	P
			13	Eisenstein, J	A	A	P
			14	Fraser, S	A	A	P
			15	Atwater, H	A	A	P
			16	Heath, J	A	A	P
			17	Winfree, E	A	A	P
			18	Adhikari, R	A	A	P
			19	Patterson, R	A	A	P
			20	Harrison, F	A	A	P
			21	Phillips, R	A	A	P
			27	Prince, T	A	A	P
			28	Stone, E	A	A	P
			35	Newman, H	A	A	P
			36	Rice, F	A	A	P
			43	Yeh, N	A	A	P
			44	McKeown, R	A	A	P
			45	Libbrecht, K	A	A	P
46	Filippone, B	A	A	P			
47	Quake, S	A	A	P			
49	Kimble, H	A	A	P			
51	Zmuidzinas, J	A	A	P			
52	Zewail, A	A	A	P			
53	Weinstein, A	A	A	P			
57	Golwala, S	A	A	P			
58	Spiropulu, M	A	A	P			
59	Schwab, K	A	A	P			
Ph 173	+	Research in Theoretical Physics	01	Mabuchi, H	A	A	P
			02	Gukov, S	A	A	P
			03	Carroll, S	A	A	P
			04	Thorne, K	A	A	P

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Ph 173	+	Research in Theoretical Physics	05	Yeh, N	A	A	P
			06	Refael, G	A	A	P
			07	Martin, C	A	A	P
			08	Kapustin, A	A	A	P
			09	Oguri, H	A	A	P
			10	Marcus, R	A	A	P
			11	Chen, Y	A	A	P
			12	Benson, A	A	A	P
			13	Simon, B	A	A	P
			14	Ott, C	A	A	P
			15	Goddard, W	A	A	P
			16	Schwarz, J	A	A	P
			20	Adami, C	A	A	P
			24	Kitaev, A	A	A	P
			29	Cross, M	A	A	P
			37	Wise, M	A	A	P
			39	Preskill, J	A	A	P
			44	Phinney, E	A	A	P
			47	Kamionkowski, M	A	A	P
			57	Filippone, B	A	A	P
58	Sari, R	A	A	P			
59	Phillips, R	A	A	P			
61	Zewail, A	A	A	P			
BE/APh/Ph 181	3-0-6	Biological Interfaces, Transduction, and Sensing	01	Roukes, M	TR 14:30 - 15:55	57 BRG	
Ph 199	3-0-6	Frontiers of Fundamental Physics	01	Spiropulu, M	MF 13:00 - 14:25	248 LAU	
Ph 205C	3-0-6	Relativistic Quantum Mechanics	01	Gukov, S	MW 10:30 - 11:55	269 LAU	P
Ph 235B	3-0-6	Introduction to Supersymmetry and String Theory	01	Kapustin, A	TR 09:00 - 10:25	469 LAU	P

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<b>PHYSICS</b>							
Ph 236C	3-0-6	Relativity	01	Chen, Y	M 14:30 - 15:55 W 07:30 - 08:55	370 CHL 370 CHL	
Ph 300	+	Thesis Research	01	Eisenstein, J	A	A	P
			02	Libbrecht, K	A	A	P
			03	Oguri, H	A	A	P
			04	Readhead, A	A	A	P
			05	Hitlin, D	A	A	P
			06	Pine, J	A	A	P
			07	Thorne, K	A	A	P
			08	Quake, S	A	A	P
			09	Roukes, M	A	A	P
			10	Golwala, S	A	A	P
			11	Martin, C	A	A	P
			12	Adami, C	A	A	P
			13	Harrison, F	A	A	P
			14	Weinstein, A	A	A	P
			15	Marcolli, M	A	A	P
			16	Barish, B	A	A	P
			17	Sari, R	A	A	P
			18	Newman, H	A	A	P
			19	Kitaev, A	A	A	P
			20	Filippone, B	A	A	P
			21	Gharib, M	A	A	P
			22	Wilson, R	A	A	P
			23	Hughes, E	A	A	P
			24	Fraser, S	A	A	P
			25	Marcus, R	A	A	P
			26	Winfrey, E	A	A	P
			27	Cross, M	A	A	P
			28	Gukov, S	A	A	P
			29	McKeown, R	A	A	P
			30	Refael, G	A	A	P
			31	Phinney, E	A	A	P

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<b>PHYSICS</b>							
Ph 300	+	Thesis Research	32	Koch, C	A	A	P
			33	Ott, C	A	A	P
			37	Kapustin, A	A	A	P
			38	Phillips, T	A	A	P
			39	Chen, Y	A	A	P
			40	Blandford, R	A	A	P
			41	Wise, M	A	A	P
			42	Kimble, H	A	A	P
			45	Kamionkowski, M	A	A	P
			46	Preskill, J	A	A	P
			47	Yeh, N	A	A	P
			51	Phillips, R	A	A	P
			52	Porter, F	A	A	P
			53	Benson, A	A	A	P
			54	Zewail, A	A	A	P
			58	Psaltis, D	A	A	P
			59	Mabuchi, H	A	A	P
			60	Zmuidzinas, J	A	A	P
			61	Schwab, K	A	A	P
			62	Heath, J	A	A	P
			63	Kennedy, M	A	A	P
65	Schwarz, J	A	A	P			
70	Stone, E	A	A	P			
73	Ellis, R	A	A	P			
74	Spiropulu, M	A	A	P			
75	Motrunich, O	A	A	P			
<b>POLITICAL SCIENCE</b>							
PS 012	3-0-6	Introduction to Political Science	01	Kiewiet, D	MWF 13:00 - 13:55	Lecture Hall BAX	
PS 099B	3-0-6	Political Science Research Seminar	01	Ordeshook, P	A	A	



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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>POLITICAL SCIENCE</b>							
PS 124	3-0-6	Political Economy <i>Class will meet in 237 Baxter on Thursday, April 14th.</i>	01	Mattozzi, A	TR 09:00 - 10:25	315 BAX	
PS 141	3-0-6	A History of Budgetary Politics in the United States	01	Kiewiet, D	TR 14:30 - 15:55	25 BAX	G
Law/PS/H 148B	3-0-6	The Supreme Court in U.S. History <i>Maximum enrollment: 30 students//Law/PS/H 148A is a pre-requisite to 148B.</i>	01	Kousser, J	T 19:30 - 22:25	218 BAX	G
Ec/PS 160C	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260 // Completion of Ec/PS 160AB required.//Maximum enrollment: 10 students</i>	01	Plott, C	TR 09:00 - 10:25	210 BAX	G
PS/Ec 172	3-0-6	Game Theory	01	Ortoleva, P	TR 10:30 - 11:55	Lecture Hall BAX	
Ec/PS 190	+	Undergraduate Research	01	Alvarez, R	A	A	P
			02	Plott, C	A	A	P
			03	Spitzer, M	A	A	P
			04	Ledyard, J	A	A	P
			05	Rangel, A	A	A	P
			06	Sherman, R	A	A	P
			07	Camerer, C	A	A	P
			08	Cvitanic, J	A	A	P
<b>PSYCHOLOGY</b>							
Psy015	3-0-6	Social Psychology <i>Open by lottery only; see REGIS home page for info // Maximum enrollment: 30 students</i>	01	Paul, L	MW 10:30 - 11:55	25 BAX	
Psy101	3-0-6	Selected Topics in Psychology	01	Rangel, A	A	A	
CNS/SS/Psy/Bi 102B	3-0-6	Brains, Minds, and Society	01	Bossaerts, P / Camerer, C	TR 14:30 - 15:55	210 BAX	

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<b>PSYCHOLOGY</b>							
CNS/SS/Psy 110C	1.5-0-3.5	Cognitive Neuroscience Tools	01	Rangel, A	F 13:00 - 13:55	315 BAX	P
CNS/Bi/SS/Psy 176	6-0-6	Cognition	01	Shimojo, S	R 16:00 - 17:55	200 BRD	
<b>SOCIAL SCIENCE</b>							
SS 098	+	Reading in Social Science	01	Bossaerts, P	A	A	P
CNS/SS/Psy/Bi 102B	3-0-6	Brains, Minds, and Society	01	Bossaerts, P / Camerer, C	TR 14:30 - 15:55	210 BAX	
CNS/SS/Psy 110C	1.5-0-3.5	Cognitive Neuroscience Tools	01	Rangel, A	F 13:00 - 13:55	315 BAX	P
CNS/Bi/SS/Psy 176	6-0-6	Cognition	01	Shimojo, S	R 16:00 - 17:55	200 BRD	
SS 200	3-0-6	Selected Topics in Social Science: Topics in Behavioral Economics <i>Open to Social Science graduate students only.</i>	01	Rabin, M	MW 10:00 - 11:55	315 BAX	
SS 201C	3-0-6	Analytical Foundations of Social Science <i>Open to Social Science graduate students only.</i>	01	Echenique, F	MWF 09:00 - 09:55	218 BAX	G
SS 202C	3-0-6	Political Theory <i>Open to Social Science graduate students only.</i>	01	Alvarez, R	W 13:00 - 15:55	315 BAX	G
SS 205C	3-0-6	Foundations of Economics <i>Open to Social Science graduate students only.//Class will meet in 218 Baxter on Thursday, April 14th.</i>	01	Ledyard, J	TR 13:00 - 14:25	315 BAX	G
SS 210C	3-0-6	Foundations of Political Economy	01	Mattozzi, A	T 17:00 - 19:55	315 BAX	
SS 211C	3-0-6	Advanced Economic Theory	01	Echenique, F	TR 09:00 - 10:25	218 BAX	

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<b>SOCIAL SCIENCE</b>							
SS/Ma 214	3-0-6	Mathematical Finance	01	Cvitanic, J	MW 14:30 - 15:55	210 BAX	
SS 222C	3-0-6	Econometrics <i>Open to Social Science graduate students only.</i>	01	Sherman, R	TR 10:30 - 11:55	210 BAX	G
SS 260	3-0-6	Experimental Methods of Political Economy	01	Plott, C	TR 09:00 - 10:25	210 BAX	G
SS 281	3-0-6	Graduate Social Science Writing Seminar	01	Kousser, J	R 17:00 - 19:55	218 BAX	G
SS 283C	2-0-1	Graduate Proseminar in Social Science	01	Rosenthal, J	W 10:30 - 11:55	210 BAX	P
SS 300	+	Research in Social Science	01	Cvitanic, J	A	A	P
			02	Jackson, M	A	A	P
			03	Echenique, F	A	A	P
			04	Hoffman, P	A	A	P
			05	Ledyard, J	A	A	P
			06	Katz, J	A	A	P
			07	Goeree, J	A	A	P
			08	Bossaerts, P	A	A	P
			09	Camerer, C	A	A	P
			10	Chambers, C	A	A	P
			11	Palfrey, T	A	A	P
			12	Kiewiet, D	A	A	P
			13	Wilkie, S	A	A	P
			14	Alvarez, R	A	A	P
			15	Plott, C	A	A	P
			16	McAfee, R	A	A	P
			17	Komunjer, I	A	A	P
			18	Rosenthal, J	A	A	P
			19	Shum, M	A	A	P
			20	Rangel, A	A	A	P
			21	Yariv, L	A	A	P

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<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