

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
CSS	Center for Student Services	SFL	Sherman Fairchild Library
DAB	Dabney Hall of Humanities	SLN	Sloan Laboratory of Mathematics and Physics
DWN	Downs Physics Laboratory	SMD	South Mudd Building of Geophysics and Planetary Sciences
FIR	Firestone Flight Science Laboratory	SPL	Spalding Laboratory of Chemical Engineering
FLM	Fleming House	STL	Steele Laboratory of Electrical Engineering
GTS	Gates Chemical Laboratory	STUD	Center for Student Services
GUG	Guggenheim Laboratory	TCT	Theater Arts at Caltech (TACIT)
JRG	Jorgensen Laboratory for Information Science	TOM	Thomas Engineering Laboratory
KAR	Karman Laboratory	WAT	Watson Laboratory of Applied Physics
KCK	Keck Engineering Laboratory	WINN	Winnett Center
KLG	Kellogg Radiation Laboratory	YHC	Young Health Center
KRK	Kerckhoff Laboratory of Biological Sciences		

TIMES/LOCATION/UNITS

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

GRADING SCHEME

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

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			
AEROSPACE										
Ae 200	+	Advanced Research in Aerospace	04	Dimotakis, P	A	A	P			
			05	Gharib, M	A	A	P			
			06	Hornung, H	A	A	P			
			07	Bhattacharya, K	A	A	P			
			08	Leonard, A	A	A	P			
			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	McKeon, B	A	A	P			
			15	Pellegrino, S	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	Blanquart, G	A	A	P			
			22	Kochmann, D	A	A	P			
			23	Greer, J	A	A	P			
			24	Gurnis, M	A	A	P			
			25	Minnich, A	A	A	P			
			26	Johnson, J	A	A	P			
			Ae 201B	3-0-6	Advanced Fluid Mechanics	01	Meiron, D	MWF 14:00 - 14:55	306 FIR	
			Ae 205A	2-4-3	Advanced Space Project	01	Pellegrino, S	M 15:30 - 16:55	202 GUG	
								R 16:00 - 17:25	306 FIR	
Ae 208B	1-0-0	GALCIT Colloquium	01	Dabiri, J / Kochmann, D	F 15:00 - 15:55	101 GUG	P			
Ae/AM/ME 215	3-0-6	Dynamic Behavior of Materials	01	Clifton, R	MWF 09:00 - 09:55	202 GUG				

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AEROSPACE							
Ae 228	3-0-6	Computational Mechanics Simulations Using Particles	01	Koumoutsakos, P	MR 10:30 - 11:55	202 GUG	
Ae 237A	3-0-6	Nonsteady Gasdynamics	01	Shepherd, J	M 15:00 - 15:55 WF 13:00 - 13:55	202 GUG 202 GUG	
Ae 240	+	Special Topics in Fluid Mechanics	01	McKeon, B	A	A	P
ANTHROPOLOGY							
An 022	3-0-6	Introduction to Sociocultural Anthropology <i>Maximum enrollment: 35 students</i>	01	Ensminger, J	TR 13:00 - 14:25	25 BAX	G
An 097	+	Undergraduate Research	01	Staff	A	A	P
APPLIED & COMPUTATIONAL MATH							
ACM095B	4-0-8	Introductory Methods of Applied Mathematics <i>Note: recitation times still to be determined</i>	01	Meiron, D	MWF 11:00 - 11:55 W 14:00 - 14:55	119 KRK 119 DWN	
			02	Meiron, D	MWF 11:00 - 11:55 T 16:30 - 17:25	119 KRK 119 DWN	
			03	Meiron, D	MWF 11:00 - 11:55 W 19:00 - 19:55	119 KRK 102 STL	
			04	Meiron, D	MWF 11:00 - 11:55 M 15:00 - 15:55	119 KRK 142 KCK	
			05	Meiron, D	MWF 11:00 - 11:55 F 16:00 - 16:55	119 KRK 106 ANB	
			06	Meiron, D	MWF 11:00 - 11:55 W 16:00 - 16:55	119 KRK House STL	
			07	Meiron, D	MWF 11:00 - 11:55 R 14:00 - 14:55	119 KRK 243 ANB	
			08	Meiron, D	MWF 11:00 - 11:55 R 16:00 - 16:55	119 KRK 106 ANB	
			09	Meiron, D	MWF 11:00 - 11:55 M 14:00 - 14:55	119 KRK House STL	

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APPLIED & COMPUTATIONAL MATH							
ACM095B	4-0-8	Introductory Methods of Applied Mathematics <i>Note: recitation times still to be determined</i>	10	Meiron, D	MWF 11:00 - 11:55 T 11:00 - 11:55	119 KRK House STL	
ACM100B	4-0-8	Introductory Methods of Applied Mathematics <i>Note: recitation times to be determined</i>	01	Meiron, D	MWF 11:00 - 11:55 W 14:00 - 14:55	119 KRK 119 DWN	
			02	Meiron, D	MWF 11:00 - 11:55 T 16:30 - 17:25	119 KRK 119 DWN	
			03	Meiron, D	MWF 11:00 - 11:55 W 19:00 - 19:55	119 KRK 102 STL	
			04	Meiron, D	MWF 11:00 - 11:55 M 15:00 - 15:55	119 KRK 142 KCK	
			05	Meiron, D	MWF 11:00 - 11:55 F 16:00 - 16:55	119 KRK 106 ANB	
			06	Meiron, D	MWF 11:00 - 11:55 W 16:00 - 16:55	119 KRK House STL	
			07	Meiron, D	MWF 11:00 - 11:55 R 14:00 - 14:55	119 KRK 243 ANB	
			08	Meiron, D	MWF 11:00 - 11:55 R 16:00 - 16:55	119 KRK 106 ANB	
			09	Meiron, D	MWF 11:00 - 11:55 M 14:00 - 14:55	119 KRK House STL	
			10	Meiron, D	MWF 11:00 - 11:55 T 11:00 - 11:55	119 KRK House STL	
ACM101B	3-0-6	Methods of Applied Mathematics I <i>Co-taught with AM 125B and CDS 140A.</i>	01	Murray, R	TR 09:00 - 10:25	105 ANB	
ACM106B	3-0-6	Introductory Methods of Computational Mathematics	01	Li, Q	TR 14:30 - 15:55	105 ANB	
ACM113	3-0-6	Introduction to Optimization	01	Chandrasekaran, V	MW 10:30 - 11:55	213 ANB	
Ma/ACM 144B	3-0-6	Probability	01	Chipeniuk, K	TR 14:30 - 15:55	269 LAU	

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APPLIED & COMPUTATIONAL MATH							
ACM190	+	Reading and Independent Study	01	Bruno, O	A	A	P
			02	Meiron, D	A	A	P
			04	Hassibi, B	A	A	P
ACM210A	3-0-6	Numerical Methods for PDEs	01	Hou, Y	MW 14:30 - 15:55	314 ANB	
ACM216	3-0-6	Markov Chains, Discrete Stochastic Processes and Applications	01	Owhadi, H	TR 10:30 - 11:55	105 ANB	
ACM290B	1-0-0	Applied and Computational Mathematics Colloquium <i>Open to graduate students only</i>	01	Tropp, J	M 16:00 - 17:25	105 ANB	P
ACM300	+	Research in Applied and Computational Mathematics	01	Bruno, O	A	A	P
			02	Chandrasekaran, V	A	A	P
			03	Desbrun, M	A	A	P
			04	Hou, Y	A	A	P
			05	Tropp, J	A	A	P
			06	Meiron, D	A	A	P
			07	Pierce, N	A	A	P
			08	Owhadi, H	A	A	P
			09	Schroeder, P	A	A	P
			10	Hassibi, B	A	A	P
			12	Ho, T	A	A	P
			APPLIED MECHANICS				
Ae/AM/CE/ME 102B	3-0-6	Mechanics of Structures and Solids	01	Ortiz, M	TR 09:00 - 10:25	101 GUG	
AM 125B	3-0-6	Engineering Mathematical Principles <i>Co-taught with ACM101B and CDS 140A</i>	01	Murray, R	TR 09:00 - 10:25	105 ANB	
AM/CE/ME 150B	1-0-0	Graduate Engineering Seminar	01	Andrade, J	A	A	P
AM/CE 151B	3-0-6	Dynamics and Vibrations	01	Lih, S	WF 08:30 - 09:45	306 TOM	G

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APPLIED MECHANICS							
Ae/AM/ME 215	3-0-6	Dynamic Behavior of Materials	01	Clifton, R	MWF 09:00 - 09:55	202 GUG	
AM 250	+	Research in Applied Mechanics	01	Beck, J	A	A	P
			02	Bhattacharya, K	A	A	P
			04	Andrade, J	A	A	P
			05	Avouac, J	A	A	P
			08	Murray, R	A	A	P
			09	Ortiz, M	A	A	P
			10	Phillips, R	A	A	P
			11	Ravichandran, G	A	A	P
APPLIED PHYSICS							
APh/EE 009B	2-2-2	Solid-State Electronics for Integrated Circuits <i>Maximum enrollment: 80 students</i>	01	Scherer, A	TR 13:00 - 13:55	070 MRE	G
APh023	2-0-4	Demonstration Lectures in Optics	01	Faraon, A	F 14:00 - 15:55	080 MRE	
APh077B	0-9-0	Laboratory in Applied Physics	01	Bellan, P	OM,T 16:00 - 16:55	265 WAT	G
					MW 16:00 - 16:55	265 WAT	
APh078B	+	Senior Thesis, Experimental	02	Scherer, A	A	A	P
			03	Phillips, R	A	A	P
			04	Painter, O	A	A	P
			05	Vahala, K	A	A	P
			06	Atwater, H	A	A	P
			07	Bellan, P	A	A	P
			08	Troian, S	A	A	P
			09	Yung, Y	A	A	P
			APh079B	+	Senior Thesis, Theoretical	01	Goddard, W
APh100	+	Advanced Work in Applied Physics	01	Atwater, H	A	A	P
			02	Faraon, A	A	A	P
			03	Painter, O	A	A	P

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APh100	+	Advanced Work in Applied Physics	04	Scherer, A	A	A	P
			05	Troian, S	A	A	P
			07	Roukes, M	A	A	P
			08	Yang, C	A	A	P
			10	Phillips, R	A	A	P
			11	Choo, H	A	A	P
Ae/APh/CE/ME 101B	3-0-6	Fluid Mechanics	01	Colonius, T / Dimotakis, P	MWF 10:00 - 10:55	206 TOM	
Ae/APh 104B	0-6-3	Experimental Methods	01	McKeon, B	TR 10:30 - 11:55	202 GUG	G
APh/MS 105B	3-0-6	States of Matter	01	Johnson, W	MW 13:00 - 14:25	104 WAT	G
APh109	0-6-3	Introduction to the Micro/Nanofabrication Lab	01	Troian, S / Ghaffari, A	W 17:00 - 17:55	104 WAT	
APh110	2-0-0	Topics in Applied Physics	01	Bellan, P	M 12:00 - 12:55	104 WAT	P
APh114B	3-0-6	Solid-State Physics	01	Atwater, H	MWF 09:00 - 09:55	104 WAT	
APh/Ph 115	3-0-9	Physics of Momentum Transport in Hydrodynamic Systems <i>Make-up classes/movies Fridays 104 Watson 1-2:25pm</i>	01	Troian, S	TR 13:00 - 14:25	104 WAT	
Ph/APh/EE/BE 118B	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	
MS/APh 122	0-3-0	Diffraction, Imaging, and Structure <i>Maximum enrollment: 8 students</i>	01	Fultz, B / Garland, C	OM,T 13:00 - 13:55	042 KCK	
EE/APh 131	3-0-6	Optical Wave Propagation	01	Yariv, A	TR 09:00 - 10:25	104 WAT	

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APPLIED PHYSICS							
APh156B	3-0-6	Plasma Physics	01	Bellan, P	TR 10:30 - 11:55	104 WAT	
BE/APh 161	3-0-9	Physical Biology of the Cell <i>Makeup classes Friday 1:00-2:25pm</i>	01	Bois, J	MW 13:00 - 14:25	100 - Rock Auditorium BRD	
EE/APh 180	3-0-3	Nanotechnology	01	Scherer, A	TR 14:30 - 15:25	070 MRE	
APh200	+	Applied Physics Research	01	Atwater, H	A	A	P
			02	Fultz, B	A	A	P
			03	Bellan, P	A	A	P
			04	Chen, Y	A	A	P
			05	Johnson, W	A	A	P
			06	Schwab, K	A	A	P
			07	Goddard, W	A	A	P
			08	Lewis, N	A	A	P
			09	Troian, S	A	A	P
			10	Preskill, J	A	A	P
			11	Refael, G	A	A	P
			12	Faraon, A	A	A	P
			13	Lewis, N	A	A	P
			14	Alicea, J	A	A	P
			15	Hsieh, D	A	A	P
			16	Minnich, A	A	A	P
			17	Yang, C	A	A	P
			19	Painter, O	A	A	P
			20	Phillips, R	A	A	P
			23	Roukes, M	A	A	P
			25	Scherer, A	A	A	P
			30	Vahala, K	A	A	P
			31	Yariv, A	A	A	P
			39	Motrunich, O	A	A	P
Ph/APh 223B	3-0-6	Advanced Condensed-Matter Physics	01	Yeh, N	MW 11:00 - 12:25	107 DWN	

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APPLIED PHYSICS							
APh300	+	Thesis Research in Applied Physics	01	Faraon, A	A	A	P
			02	Bellan, P	A	A	P
			03	Flagan, R	A	A	P
			04	Snyder, G	A	A	P
			05	Snyder, G	A	A	P
			06	Troian, S	A	A	P
			07	Fultz, B	A	A	P
			08	Schwab, K	A	A	P
			09	Desbrun, M	A	A	P
			15	Phillips, R	A	A	P
			16	Daraio, C	A	A	P
			18	Roukes, M	A	A	P
			20	Scherer, A	A	A	P
			21	Chen, Y	A	A	P
			24	Vahala, K	A	A	P
			25	Yariv, A	A	A	P
			28	Painter, O	A	A	P
29	Zmuidzinas, J	A	A	P			
30	Atwater, H	A	A	P			
31	Faraon, A	A	A	P			
ART HISTORY							
E/H/Art 089	3-0-6	New Media Arts in the 20th and 21st Centuries <i>Maximum enrollment: 20 students</i>	01	Mushkin, H	W 19:00 - 21:55	127 BAX	
Art/H 183	3-0-6	Spectacle: From the Court Masque to the Great Exhibition of 1851 <i>Maximum enrollment: 15 students</i>	01	Brewer, J	TR 13:00 - 14:25	19 BAX	G
ASTROPHYSICS							
Ay 020	3-1-6	Basic Astronomy and the Galaxy	01	Kulkarni, S / Hillenbrand, L	OM,M 09:00 - 09:55	219 CHL	
Ay 030	2-0-1	Introduction to Modern Research <i>Classes will be held in Faculty homes.</i>	01	Cohen, J	OM,M 09:00 - 09:55	219 CHL	P

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Ay 043	+	Reading in Astronomy and Astrophysics	01	Staff	A	A	P
Ay 078B	+	Senior Thesis	01	Readhead, A	A	A	P
			02	Ellis, R	A	A	P
			03	Hillenbrand, L	A	A	P
			04	Steidel, C	A	A	P
			05	Cohen, J	A	A	P
			06	Phinney, E	A	A	P
			07	Ott, C	A	A	P
			08	Martin, C	A	A	P
			09	Prince, T	A	A	P
			10	Harrison, F	A	A	P
			11	Hallinan, G	A	A	P
Ay 111B	3-0-0	Introduction to Current Astrophysics Research	01	Scoville, N	OM,M 09:00 - 09:55	219 CHL	
Ay 122B	3-0-6	Astronomical Measurements and Instrumentation	01	Readhead, A / Hallinan, G	OM,M 09:00 - 09:55	219 CHL	
Ay 124	3-0-6	Structure and Dynamics of Galaxies	01	Steidel, C	OM,M 09:00 - 09:55	219 CHL	
Ay 126	3-0-6	Interstellar and Intergalactic Medium	01	Hopkins, P / Phinney, E	OM,M 09:00 - 09:55	219 CHL	
Ay 141B	1-0-2	Research Conference in Astronomy	01	Ott, C / Phinney, E	F 16:00 - 16:55	370 CHL	P
Ay 142	+	Research in Astronomy and Astrophysics	01	Ott, C	A	A	P
			02	Blake, G	A	A	P
			03	Harrison, F	A	A	P
			04	Brown, M	A	A	P
			05	Phinney, E	A	A	P
			06	Djorgovski, S	A	A	P
			07	Ellis, R	A	A	P
			08	Hillenbrand, L	A	A	P
			09	Hillenbrand, L	A	A	P

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ASTROPHYSICS							
Ay 142	+	Research in Astronomy and Astrophysics	11	Kulkarni, S	A	A	P
			12	Hallinan, G	A	A	P
			13	Martin, C	A	A	P
			15	Soifer, B	A	A	P
			16	Prince, T	A	A	P
			17	Hopkins, P	A	A	P
			19	Sargent, A	A	A	P
			20	Dore, O	A	A	P
			22	Scoville, N	A	A	P
			23	Steidel, C	A	A	P
			24	Johnson, J	A	A	P
			25	Hirata, C	A	A	P
			27	Stevenson, D	A	A	P
			28	Cohen, J	A	A	P
Ay 143	+	Reading and Independent Study	01	Sargent, A	A	A	P
			02	Kulkarni, S	A	A	P
			03	Readhead, A	A	A	P
			04	Hopkins, P	A	A	P
			05	Ott, C	A	A	P
Ay 190	3-0-6	Computational Astrophysics	01	Ott, C	OM,M 09:00 - 09:55	219 CHL	
BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB/Bi/Ch 170B	3-1-5	Biochemistry and Biophysics of Macromolecules and Molecular Assemblies	01	Clemons, W / Jensen, G	TR 10:30 - 11:55	100 - Rock Auditorium BRD	G
BMB/Ch 202B	1-0-0	Biochemistry Seminar Course <i>To be held on Biochemistry Seminar days from 12-1pm (approx. 1-2 per month).</i>	01	Clemons, W	A	A	P
Bi/BMB 251B	+	Current Research in Cellular and Molecular Biology	01	Hay, B	A	A	P
BMB299	+	Graduate Research	01	Mayo, S	A	A	P
			02	Deshaies, R	A	A	P

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BMB299	+	Graduate Research	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	Greer, J	A	A	P
			08	Campbell, J	A	A	P
			09	Phillips, R	A	A	P
			10	Hay, B	A	A	P
			11	Hsieh-Wilson, L	A	A	P
			12	Phillips, R	A	A	P
			13	Parker, C	A	A	P
			14	Barton, J	A	A	P
			15	Heath, J	A	A	P
			16	Davidson, E	A	A	P
			17	Anderson, D	A	A	P
			18	Dougherty, D	A	A	P
			19	Mazmanian, S	A	A	P
			20	Shan, S	A	A	P
			21	Jensen, G	A	A	P
			22	Elowitz, M	A	A	P
			23	Dervan, P	A	A	P
			24	Dunphy, W	A	A	P
			25	Tirrell, D	A	A	P
			26	Patterson, P	A	A	P
			27	Meyerowitz, E	A	A	P
			28	Rothenberg, E	A	A	P
			29	Clemons, W	A	A	P
			30	Leadbetter, J	A	A	P
			31	Kennedy, M	A	A	P
			32	Lester, H	A	A	P
			33	Murray, R	A	A	P
			34	Mazmanian, S	A	A	P
			35	Baltimore, D	A	A	P

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BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB299	+	Graduate Research	36	Wang, Z	A	A	P
			37	Gharib, M	A	A	P
			38	Miller, T	A	A	P
			39	Sternberg, P	A	A	P
			40	Davis, M	A	A	P
			41	Pierce, N	A	A	P
			42	Gray, H	A	A	P
			43	Roukes, M	A	A	P
			44	Newman, D	A	A	P
			45	Cai, L	A	A	P
			46	Varshavsky, A	A	A	P
			47	Hoelz, A	A	A	P
			48	Goentoro, L	A	A	P
			49	Guttman, M	A	A	P
50	Shapiro, M	A	A	P			
BIOENGINEERING							
BE 001	1-0-0	Frontiers in Bioengineering	01	Yang, C	W 12:00 - 12:55	119 KRK	P
BE 098	+	Undergraduate Research in Bioengineering <i>If your research advisor does not appear below, please contact the Office of the Registrar.</i>	01	Arnold, F	A	A	P
			02	Davidson, E	A	A	P
			03	Burdick, J	A	A	P
			04	Kennedy, M	A	A	P
			05	Beauchamp, J	A	A	P
			06	Shimojo, S	A	A	P
			07	Gharib, M	A	A	P
			08	Hajimiri, S	A	A	P
			09	Lester, H	A	A	P
			10	Phillips, R	A	A	P
			11	Dervan, P	A	A	P
			12	Pierce, N	A	A	P
			13	Gradinaru, V	A	A	P
			14	Heath, J	A	A	P

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BIOENGINEERING							
BE 098	+	Undergraduate Research in Bioengineering <i>If your research advisor does not appear below, please contact the Office of the Registrar.</i>	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
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			26	Leadbetter, J	A	A	P
			27	Winfree, E	A	A	P
			30	Kornfield, J	A	A	P
			31	Baltimore, D	A	A	P
			32	Davis, M	A	A	P
			33	Sternberg, P	A	A	P
			34	Dabiri, J	A	A	P
36	Qian, L	A	A	P			
ChE/BE 112	3-0-6	Design, Invention, and Fundamentals of Microfluidic Systems <i>Maximum enrollment: 20 students</i>	01	Ismagilov, R	TR 13:00 - 14:25	102 SPL	
Ph/APh/EE/BE 118B	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	
BE 153	3-0-6	Case Studies in Systems Physiology	01	Petrasek, D	TR 14:30 - 15:55	200 BRD	
BE/APh 161	3-0-9	Physical Biology of the Cell <i>Makeup classes Friday 1:00-2:25pm</i>	01	Bois, J	MW 13:00 - 14:25	100 - Rock Auditorium BRD	
BE/CS/CNS/Bi 191A	3-0-6	Biomolecular Computation	01	Winfree, E	TR 10:30 - 11:55	107 ANB	G
BE 200	+	Research in Bioengineering	01	Arnold, F	A	A	P
			02	Troian, S	A	A	P
			03	Burdick, J	A	A	P
			04	Dabiri, J	A	A	P
			05	Dervan, P	A	A	P

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BIOENGINEERING										
BE 200	+	Research in Bioengineering	06	Goentoro, L	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	Guttman, M	A	A	P			
			12	Pierce, N	A	A	P			
			13	Meister, M	A	A	P			
			14	Goddard, W	A	A	P			
			15	Ismagilov, R	A	A	P			
			16	Roukes, M	A	A	P			
			17	Scherer, A	A	A	P			
			18	Tai, Y	A	A	P			
			19	Tirrell, D	A	A	P			
			20	Yang, C	A	A	P			
			22	Guo, C	A	A	P			
			23	Elowitz, M	A	A	P			
			24	Murray, R	A	A	P			
			25	Fraser, S	A	A	P			
			26	Leadbetter, J	A	A	P			
			27	Winfrey, E	A	A	P			
			28	Shapiro, M	A	A	P			
			29	Phillips, R	A	A	P			
			30	Mayo, S	A	A	P			
			31	Sternberg, P	A	A	P			
			32	Gradinaru, V	A	A	P			
			BIOLOGY							
			Bi 008	4-0-5	Introduction to Molecular Biology: Organization and Expression of Genetic Information <i>Maximum enrollment: 30 students per section</i>	01	Rothenberg, E	TR 13:00 - 14:25 W 15:00 - 15:55	119 KRK 101 KRK	
						02	Rothenberg, E	TR 13:00 - 14:25 R 19:00 - 19:55	119 KRK 101 KRK	
						03	Rothenberg, E	TR 13:00 - 14:25	119 KRK	

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BIOLOGY							
Bi 008	4-0-5	Introduction to Molecular Biology: Organization and Expression of Genetic Information <i>Maximum enrollment: 30 students per section</i>	03	Rothenberg, E	F 14:00 - 14:55	024 KRK	
Bi 022	+	Undergraduate Research	01	Chan, D	A	A	P
			02	Quartz, S	A	A	P
			03	Allman, J	A	A	P
			04	Anderson, D	A	A	P
			05	Parker, C	A	A	P
			06	Arnold, F	A	A	P
			07	Baltimore, D	A	A	P
			08	Sternberg, P	A	A	P
			09	Lester, H	A	A	P
			10	Bjorkman, P	A	A	P
			11	Bronner Hansen, M	A	A	P
			12	Leadbetter, J	A	A	P
			13	Adolphs, R	A	A	P
			14	Davidson, E	A	A	P
			15	Rothenberg, E	A	A	P
			16	Hay, B	A	A	P
			17	Fraser, S	A	A	P
			18	Shan, S	A	A	P
			19	Campbell, J	A	A	P
			20	Clemons, W	A	A	P
			21	Stevenson, D	A	A	P
			22	Orphan, V	A	A	P
			23	Varshavsky, A	A	A	P
			24	Meyerowitz, E	A	A	P
			25	Patterson, P	A	A	P
			26	Winfrey, E	A	A	P
			27	Mazmanian, S	A	A	P
			28	Tirrell, D	A	A	P
			29	Shimojo, S	A	A	P
			30	Wold, B	A	A	P

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BIOLOGY							
Bi 022	+	Undergraduate Research	31	Sternberg, P	A	A	P
			32	Kennedy, M	A	A	P
			33	Newman, D	A	A	P
			40	Goddard, W	A	A	P
			41	Stathopoulos, A	A	A	P
			42	Zinn, K	A	A	P
			43	Rangel, A	A	A	P
			45	Davis, M	A	A	P
			46	Murray, R	A	A	P
			47	Jensen, G	A	A	P
			48	Elowitz, M	A	A	P
			49	Prober, D	A	A	P
			50	Bronner Hansen, M	A	A	P
			51	Aravin, A	A	A	P
			52	Aravin, A	A	A	P
			53	Clemons, W	A	A	P
			54	Mazmanian, S	A	A	P
55	Newman, D	A	A	P			
56	Shan, S	A	A	P			
Bi 023	3-0-0	Biology Tutorial <i>1: The Function and Regulation of Sleep/2: Antibody Engineering & Therapeutics/3: Animal Behavior: From Single Cells to Free Will/4: Physical Principles of Biological Instrumentation/5: The Vaccine: Past, Present and Future/6: Protein Disorder: Function without Structure?</i>	01	Huang, A / Oikonomou, G / Lee, D	OM,W 16:00 - 16:55	151 BRN	P
			02	Huang, A	OM,W 16:00 - 16:55	156 BRD	P
			03	Huang, A / Duistermars, B / Zelikowsky, M	OM,W 16:00 - 16:55	101 KRK	P
			04	Huang, A / Su, J	OM,W 16:00 - 16:55	328 SFL	P
			05	Huang, A / Majumdar, D	OM,W 16:00 - 16:55	370 BRN	P
			06	Huang, A	OM,W 16:00 - 16:55	256 CRL	P
Bi 090B	+	Undergraduate Thesis	01	Revel, J	A	A	P
			02	Bjorkman, P	A	A	P
			03	Sternberg, P	A	A	P
			04	Lester, H	A	A	P
			05	Newman, D	A	A	P
			06	Winfree, E	A	A	P
			07	Winfree, E	A	A	P

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BIOLOGY							
Bi 090B	+	Undergraduate Thesis	08	Bjorkman, P	A	A	P
			09	Allman, J	A	A	P
			10	Patterson, P	A	A	P
			11	Rangel, A	A	A	P
			12	Davidson, E	A	A	P
			13	Davis, M	A	A	P
			14	Baltimore, D	A	A	P
Bi/Ge 105	3-4-5	Evolution <i>Class not open for enrollment</i>	01	Phillips, R / Orphan, V	TR 13:00 - 14:25	267 ARM	
Bi/Ch 111	4-0-8	Biochemistry of Gene Expression	01	Campbell, J / Parker, C	TR 11:00 - 11:55 OM,W 16:00 - 16:55	147 NYS 100 - Rock Auditorium BRD	
Bi 114	3-0-6	Immunology	01	Mazmanian, S	TR 10:30 - 11:55	200 BRD	
Bi 117	3-0-6	Developmental Biology	01	Bronner Hansen, M	TR 13:00 - 14:25	100 - Rock Auditorium BRD	
Bi 145B	3-0-6	Tissue and Organ Physiology	01	Tydell, C	MW 10:30 - 11:55	151 BRN	
Bi/NB 156	3-0-6	Molecular Basis of Behavior	01	Patterson, P / Zinn, K	MWF 10:00 - 10:55	100 - Rock Auditorium BRD	
BMB/Bi/Ch 170B	3-1-5	Biochemistry and Biophysics of Macromolecules and Molecular Assemblies	01	Clemons, W / Jensen, G	TR 10:30 - 11:55	100 - Rock Auditorium BRD	G
Bi 182	2-0-4	Gene Regulation Systems and the Control of Embryonic Development	01	Stathopoulos, A / Davidson, E	W 14:00 - 15:55	151 BRN	
CNS/Bi/EE/CS/NB 186 4-4-4		Vision: From Computational Theory to Neuronal Mechanisms	01	Perona, P	TR 10:30 - 11:55	080 MRE	
BE/CS/CNS/Bi 191A	3-0-6	Biomolecular Computation	01	Winfrey, E	TR 10:30 - 11:55	107 ANB	G
Bi/CNS/NB 195	3-0-6	Mathematics in Biology	01	Meister, M	MW 10:00 - 11:25	3 BBB	

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BIOLOGY							
Bi 199	3-0-3	Introduction to MATLAB for Biologists	01	Kennedy, M	TR 13:00 - 14:25	100 PWL/BTH	
Bi/CNS/NB 220	2-0-4	Genetic Dissection of Neural Circuit Function <i>First Day of class is Wed, 1/08/14, 10:30-11:55 in 101 KRK. Course resumes on Thursdays starting 1/16/14.</i>	01	Anderson, D	OM,R 15:00 - 17:55	300 BRD	
Bi/BMB 251B	+	Current Research in Cellular and Molecular Biology	01	Hay, B	A	A	P
Bi 299	+	Graduate Research	01	Stathopoulos, A	A	A	P
			02	Lester, H	A	A	P
			03	Allman, J	A	A	P
			04	Andersen, R	A	A	P
			05	Anderson, D	A	A	P
			06	Varshavsky, A	A	A	P
			07	Mazmanian, S	A	A	P
			08	Baltimore, D	A	A	P
			09	Dabiri, J	A	A	P
			10	Bjorkman, P	A	A	P
			11	Bronner Hansen, 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	Clemons, W	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
			24	Orphan, V	A	A	P
			25	Arnold, F	A	A	P

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BIOLOGY							
Bi 299	+	Graduate Research	26	Pierce, N	A	A	P
			27	Tsao, D	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	Gharib, M	A	A	P
			34	Kirschvink, J	A	A	P
			35	Hsieh-Wilson, L	A	A	P
			36	Shan, S	A	A	P
			37	Rothenberg, E	A	A	P
			38	Elowitz, M	A	A	P
			39	Guttman, M	A	A	P
			40	Shimojo, S	A	A	P
			41	Phillips, R	A	A	P
			42	Sternberg, P	A	A	P
			43	Cai, L	A	A	P
			44	Goentoro, L	A	A	P
			45	Winfrey, E	A	A	P
			46	Wold, B	A	A	P
			47	Jensen, G	A	A	P
			48	Heath, J	A	A	P
			49	Zinn, K	A	A	P
			50	Leadbetter, J	A	A	P
			51	Elowitz, M	A	A	P
			52	Prober, D	A	A	P
			53	Adolphs, R	A	A	P
			54	Aravin, A	A	A	P
			55	Dougherty, D	A	A	P
			56	Tai, Y	A	A	P
			57	Fejes Toth, K	A	A	P
			58	Burdick, J	A	A	P

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BIOLOGY							
Bi 299	+	Graduate Research	59	Meister, M	A	A	P
			60	Siapas, A	A	A	P
			61	Murray, R	A	A	P
			62	Gradinaru, V	A	A	P
BUSINESS ECONOMICS & MANAGEMENT							
BEM/Ec/SS 020	2-0-4	Scientific Writing and Oral Presentation in the Social Sciences <i>Maximum enrollment: 15 students</i>	01	Yariv, L / Daley, C	T 13:00 - 14:55	228 BAX	G
BEM097	+	Undergraduate Research	01	Staff	A	A	P
BEM102	3-0-6	Introduction to Accounting <i>Maximum enrollment: 50 students // BEM102 does not count toward the 108 unit HSS requirement for students who entered Caltech in 2012 or 2013.</i>	01	Wang, S	M 19:00 - 21:55	25 BAX	
BEM106	3-0-6	Competitive Strategy <i>Maximum enrollment: 50 students</i>	01	Snowberg, E	MW 13:00 - 14:25	25 BAX	G
BEM109	3-0-6	Fixed-Income and Credit-Risk Derivatives	01	Cvitanic, J	MW 14:30 - 15:55	128 BAX	
BEM190	+	Undergraduate Research Project	01	Staff	A	A	P
			02	Hoffman, P	A	A	P
			03	Sherman, R	A	A	P
			04	Pickar, K	A	A	P
			05	Rosenthal, J	A	A	P
			06	Bossaerts, P	A	A	P
CHEMICAL ENGINEERING							
ChE010	1-0-0	Introduction to Chemical Engineering	01	Flagan, R	T 12:00 - 12:55	153 NYS	P
ChE015	3-0-6	Introduction to Chemical Engineering Computation	01	Flagan, R	TR 14:30 - 15:55	102 SPL	

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CHEMICAL ENGINEERING							
ChE063A	3-0-6	Chemical Engineering Thermodynamics	01	Tirrell, D	MWF 14:00 - 14:55	106 SPL	
ChE080	+	Undergraduate Research	01	Arnold, F	A	A	P
			02	Giapis, K	A	A	P
			03	Kornfield, J	A	A	P
			04	Haile, S	A	A	P
			05	Fultz, B	A	A	P
			06	Lewis, N	A	A	P
			07	Davis, M	A	A	P
			08	Grubbs, R	A	A	P
			09	Shapiro, M	A	A	P
			13	Flagan, R	A	A	P
			14	Gavalas, G	A	A	P
			34	Seinfeld, J	A	A	P
			36	Tirrell, D	A	A	P
			41	Baltimore, D	A	A	P
ChE090A	+	Senior Thesis	01	Heath, J	A	A	P
			02	Giapis, K	A	A	P
			03	Seinfeld, J	A	A	P
			04	Tirrell, D	A	A	P
			05	Ravi, V	A	A	P
			06	Flagan, R	A	A	P
			07	Gavalas, G	A	A	P
			08	Kornfield, J	A	A	P
			09	Davis, M	A	A	P
			10	Haile, S	A	A	P
			12	Baltimore, D	A	A	P
			13	Brady, J	A	A	P
			14	Greer, J	A	A	P
			15	Arnold, F	A	A	P
			16	Grubbs, R	A	A	P

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CHEMICAL ENGINEERING							
ChE090B	0-4-5	Senior Thesis	01	Giapis, K	A	A	
			02	Johnson, W	A	A	
			03	Kornfield, J	A	A	
			04	Arnold, F	A	A	
			05	Lewis, N	A	A	
			06	Flagan, R	A	A	
			07	Mayo, S	A	A	
			08	Mayo, S	A	A	
Ch/ChE 091	2-0-1	Scientific Writing	01	Richards, J	T 10:00 - 11:55	121 BCK	P
ChE101	3-0-6	Chemical Reaction Engineering	01	Arnold, F	TR 13:00 - 14:25	106 SPL	
ChE103B	3-0-6	Transport Phenomena	01	Kraynik, A	MWF 10:00 - 10:55	102 SPL	
ChE/BE 112	3-0-6	Design, Invention, and Fundamentals of Microfluidic Systems <i>Maximum enrollment: 20 students</i>	01	Ismagilov, R	TR 13:00 - 14:25	102 SPL	
ChE118	3-0-6	Introduction to the Design of Chemical Systems	01	Vicic, M	MWF 15:00 - 15:55	102 SPL	G
ChE128	1-6-2	Chemical Engineering Design Laboratory	01	Vicic, M / Giapis, K	M 12:00 - 12:55 WF 09:00 - 11:55	113 SPL 122 SPL	G
Ch/ChE 147	3-0-6	Polymer Chemistry	01	Grubbs, R	TR 10:30 - 11:55	153 NYS	
ChE151B	3-0-9	Physical and Chemical Rate Processes	01	Brady, J	MWF 09:00 - 09:55	102 SPL	G
ChE/Ch 164	3-0-6	Introduction to Statistical Thermodynamics	01	Wang, Z / Miller, T	TR 10:30 - 11:55	106 SPL	
ChE280	+	Chemical Engineering Research	01	Arnold, F	A	A	P
			02	Murray, R	A	A	P
			03	Haile, S	A	A	P
			04	Stoltz, B	A	A	P

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CHEMICAL ENGINEERING							
ChE280	+	Chemical Engineering Research	05	Pierce, N	A	A	P
			06	Trojan, S	A	A	P
			07	Brady, J	A	A	P
			08	Atwater, H	A	A	P
			09	Snyder, G	A	A	P
			10	Davis, M	A	A	P
			11	Greer, J	A	A	P
			12	Fultz, B	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	Miller, T	A	A	P
			21	Kornfield, J	A	A	P
			23	Lewis, N	A	A	P
			36	Tirrell, D	A	A	P
			37	Wang, Z	A	A	P
			40	Seinfeld, J	A	A	P
			41	Heath, J	A	A	P
44	Yung, Y	A	A	P			
45	Richardson, M	A	A	P			
46	Ismagilov, R	A	A	P			
47	Guttman, M	A	A	P			
CHEMISTRY							
Ch 001B	4-0-5	General Chemistry <i>Maximum Enrollment: 25 students per section</i>	01	Dougherty, D / Blake, G	MTR 11:00 - 11:55 W 14:00 - 14:55	Lecture Hall BAX 22 GTS	P
			02	Dougherty, D / Blake, G	MTR 11:00 - 11:55 W 14:00 - 14:55	Lecture Hall BAX 151 CRL	P
			03	Dougherty, D / Blake, G	MTR 11:00 - 11:55 W 16:00 - 16:55	Lecture Hall BAX 27 GTS	P
			04	Dougherty, D / Blake, G	MTR 11:00 - 11:55	Lecture Hall BAX	P

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CHEMISTRY										
Ch 001B	4-0-5	General Chemistry <i>Maximum Enrollment: 25 students per section</i>	04	Dougherty, D / Blake, G	W 14:00 - 14:55	147 NYS	P			
			05	Dougherty, D / Blake, G	MTR 11:00 - 11:55 W 16:00 - 16:55	Lecture Hall BAX 151 CRL	P			
			06	Dougherty, D / Blake, G	MTR 11:00 - 11:55 W 19:00 - 19:55	Lecture Hall BAX 153 NYS	P			
			07	Dougherty, D / Blake, G	MTR 11:00 - 11:55 W 14:00 - 14:55	Lecture Hall BAX 27 GTS	P			
			08	Dougherty, D / Blake, G	MTR 11:00 - 11:55 W 16:00 - 16:55	Lecture Hall BAX 115 BCK	P			
			09	Dougherty, D / Blake, G	MTR 11:00 - 11:55 W 16:00 - 16:55	Lecture Hall BAX 119 DWN	P			
			10	Dougherty, D / Blake, G	MTR 11:00 - 11:55 W 16:00 - 16:55	Lecture Hall BAX 142 KCK	P			
			11	Dougherty, D / Blake, G	MTR 11:00 - 11:55 W 22:00 - 22:55	Lecture Hall BAX 27 GTS	P			
			12	Dougherty, D / Blake, G	MTR 11:00 - 11:55 W 19:00 - 19:55	Lecture Hall BAX 151 CRL	P			
			Ch 003A	1-3-2	Fundamental Techniques of Experimental Chemistry <i>Maximum enrollment: 20 students per section//Section 3 reserved for freshmen.</i>	01	Mendez, J	F 13:00 - 13:55 T 08:00 - 10:55	153 NYS 107 MEAD	P
						02	Mendez, J	F 13:00 - 13:55 T 13:00 - 15:55	153 NYS 107 MEAD	P
						03	Mendez, J	F 13:00 - 13:55 W 19:00 - 21:55	153 NYS 107 MEAD	P
Ch 003X	1-3-2	Experimental Methods in Solar Energy Conversion <i>Maximum Enrollment: 20 students per section</i>	01	Mendez, J	F 09:00 - 09:55 W 13:00 - 15:55	151 CRL 107 MEAD	P			
			02	Mendez, J	F 09:00 - 09:55 R 08:00 - 10:55	151 CRL 107 MEAD	P			
Ch 004A	1-6-2	Synthesis and Analysis of Organic and Inorganic Compounds <i>The instructor will contact the students by email before the start of the term to assign two lab sections. //Lab sections available Tuesday 8-11 and 1-4, Wednesday 1-4 and Thursday 8-</i>	01	Mendez, J	R 13:00 - 13:55	147 NYS				

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CHEMISTRY							
Ch 005A	1-9-2	Advanced Techniques of Synthesis and Analysis <i>Lab times available MF 8am-5pm and R 1-5pm</i>	01	Grubbs, R	A	MEAD	
Ch 006A	1-6-3	Physical and Biophysical Chemistry Laboratory	01	Beauchamp, J / Weitekamp, D	OM,W 15:00 - 15:55	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 010B	2-0-1	Frontiers in Chemistry <i>Lab Hours TBA</i>	01	Dervan, P / Hoelz, A	R 12:00 - 12:55	147 NYS	P
Ch 021B	3-0-6	Physical Chemistry	01	Cai, L	MWF 13:00 - 13:55	147 NYS	G
Ch 024	3-0-6	Introduction to Biophysical Chemistry: Spectroscopy	01	Heath, J	TR 14:30 - 15:55	151 CRL	
Ch 041B	3-0-6	Organic Chemistry	01	Dervan, P	MWF 09:00 - 09:55	153 NYS	
Ch 080	+	Chemical Research	01	Dervan, P	A	A	P
			02	Hsieh-Wilson, L	A	A	P
			03	Barton, J	A	A	P
			04	Beauchamp, J	A	A	P
			05	Grubbs, R	A	A	P
			06	Goddard, W	A	A	P
			07	Marcus, R	A	A	P
			08	Shan, S	A	A	P
			09	Bercaw, J	A	A	P
			10	Heath, J	A	A	P
			11	Agapie, T	A	A	P
			12	Davis, M	A	A	P
			13	Ho, T	A	A	P
			14	Shapiro, M	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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CHEMISTRY							
Ch 080	+	Chemical Research	29	Peters, J	A	A	P
			35	Stoltz, B	A	A	P
			36	Tirrell, D	A	A	P
			37	Reisman, S	A	A	P
			38	Weitekamp, D	A	A	P
			39	Lewis, N	A	A	P
			40	Rees, D	A	A	P
Ch 081	+	Independent Reading in Chemistry	01	Bercaw, J	A	A	P
			02	Reisman, S	A	A	P
			04	Gray, H	A	A	P
			06	Goddard, W	A	A	P
			22	Lewis, N	A	A	P
Ch 082	+	Senior Thesis Research	01	Rees, D	A	A	P
Ch 090	2-0-1	Oral Presentation	01	Zewail, A / Bikle, K	OM,M 10:00 - 10:55 M 10:00 - 11:55	151 CRL 151 CRL	P
Ch/ChE 091	2-0-1	Scientific Writing	01	Richards, J	T 10:00 - 11:55	121 BCK	P
Bi/Ch 111	4-0-8	Biochemistry of Gene Expression	01	Campbell, J / Parker, C	TR 11:00 - 11:55 OM,W 16:00 - 16:55	147 NYS 100 - Rock Auditorium BRD	
Ch 120A	3-0-6	Nature of the Chemical Bond	01	Goddard, W	MWF 14:00 - 14:55	115 BCK	
Ch 121B	1-1-7	Atomic-Level Simulations of Materials and Molecules	01	Goddard, W	W 15:00 - 15:55	115 BCK	
Ch 125B	3-0-6	The Elements of Quantum Chemistry	01	McKoy, B	MWF 11:00 - 11:55	147 NYS	G
Ch/ChE 147	3-0-6	Polymer Chemistry	01	Grubbs, R	TR 10:30 - 11:55	153 NYS	

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CHEMISTRY							
Ch 153A	3-0-6	Advanced Inorganic Chemistry	01	Gray, H / Winkler, J	F 10:00 - 11:55	115 BCK	
Ch 154A	3-0-6	Organometallic Chemistry	01	Peters, J	TR 09:00 - 10:25	153 NYS	
ChE/Ch 164	3-0-6	Introduction to Statistical Thermodynamics	01	Wang, Z / Miller, T	TR 10:30 - 11:55	106 SPL	
BMB/Bi/Ch 170B	3-1-5	Biochemistry and Biophysics of Macromolecules and Molecular Assemblies	01	Clemons, W / Jensen, G	TR 10:30 - 11:55	100 - Rock Auditorium BRD	G
Ch 180	+	Chemical Research	01	Agapie, T	A	A	P
			02	Gray, H	A	A	P
			03	Giapis, K	A	A	P
			04	Goddard, W	A	A	P
BMB/Ch 202B	1-0-0	Biochemistry Seminar Course <i>To be held on Biochemistry Seminar days from 12-1pm (approx. 1-2 per month).</i>	01	Clemons, W	A	A	P
Ch 213B	1-0-11	Advanced Ligand Field Theory	01	Gray, H	F 13:00 - 13:55	408 BCK	G
Ch 242B	3-0-6	Chemical Synthesis <i>Class will meet Wednesday, Feb 26th from 8-10am and Friday, Feb 28th from 9-10am</i>	01	Stoltz, B	MW 09:00 - 09:55 F 08:00 - 09:55	147 NYS 147 NYS	
Ch 280	+	Chemical Research	01	Arnold, F	A	A	P
			02	Bjorkman, P	A	A	P
			03	Barton, J	A	A	P
			04	Beauchamp, J	A	A	P
			05	Bercaw, J	A	A	P
			06	Blake, G	A	A	P
			07	Eiler, J	A	A	P
			08	Cai, L	A	A	P
			09	Fu, G	A	A	P
			10	Davis, M	A	A	P
			11	Dervan, P	A	A	P

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CHEMISTRY							
Ch 280	+	Chemical Research	12	Dougherty, D	A	A	P
			13	Goentoro, L	A	A	P
			14	Miller, T	A	A	P
			15	Reisman, S	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	Wang, Z	A	A	P
			22	Lewis, N	A	A	P
			23	Atwater, H	A	A	P
			24	Marcus, R	A	A	P
			25	Mayo, S	A	A	P
			26	Clemons, W	A	A	P
			27	Okumura, M	A	A	P
			28	Ismagilov, R	A	A	P
			29	Peters, J	A	A	P
			30	Rees, D	A	A	P
			31	Haile, S	A	A	P
			32	Sternberg, P	A	A	P
			33	Lester, H	A	A	P
			34	Seinfeld, J	A	A	P
			35	Stoltz, B	A	A	P
			36	Tirrell, D	A	A	P
			37	van de Walle, A	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	Smolke, C	A	A	P
			44	Pierce, N	A	A	P
			45	Hoffmann, M	A	A	P

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CHEMISTRY							
Ch 280	+	Chemical Research	46	Wennberg, P	A	A	P
			47	Heath, J	A	A	P
			48	Adkins, J	A	A	P
			49	Shan, S	A	A	P
			50	Agapie, T	A	A	P
			51	Hoelz, A	A	A	P
			52	Deshaies, R	A	A	P
CIVIL ENGINEERING							
Ae/APh/CE/ME 101B	3-0-6	Fluid Mechanics	01	Colonus, T / Dimotakis, P	MWF 10:00 - 10:55	206 TOM	
Ae/AM/CE/ME 102B	3-0-6	Mechanics of Structures and Solids	01	Ortiz, M	TR 09:00 - 10:25	101 GUG	
CE/ME 112A	3-0-6	Hydraulic Engineering <i>Class Cancelled</i>	01	Hall, J	OM,M 15:00 - 15:55	206 TOM	G
AM/CE/ME 150B	1-0-0	Graduate Engineering Seminar	01	Andrade, J	A	A	P
AM/CE 151B	3-0-6	Dynamics and Vibrations	01	Lih, S	WF 08:30 - 09:45	306 TOM	G
Ae/CE 165A	2-2-5	Mechanics of Composite Materials and Structures	01	Pellegrino, S	T 13:00 - 14:25 W 15:00 - 15:55	101 GUG 101 GUG	
CE 181A	3-0-6	Engineering Seismology <i>taught concurrently with Ge 162</i>	01	Ampuero Saenz, J	MWF 10:00 - 10:55	162 SMD	
CE 200	+	Advanced Work in Civil Engineering	01	Staff	A	A	P
CE 300	+	Research in Civil Engineering	02	Hall, J	A	A	P
			03	Beck, J	A	A	P
			04	Heaton, T	A	A	P
			05	Lapusta, N	A	A	P
			06	Andrade, J	A	A	P

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COMPUTATION & NEURAL SYS										
Psy/CNS 105B	1.5-0-3.5	Frontiers in Neuroeconomics	01	O'Doherty, J	M 14:30 - 15:55	33 BAX	G			
CNS180	+	Research in Computation and Neural Systems	01	Burdick, J	A	A	P			
			02	Murray, R	A	A	P			
			03	Perona, P	A	A	P			
			04	Fraser, S	A	A	P			
			06	Hoffmann, M	A	A	P			
			07	Allman, J	A	A	P			
			08	Lester, H	A	A	P			
			11	Murray, R	A	A	P			
			12	Allman, J	A	A	P			
			13	Gradinaru, V	A	A	P			
			14	Shimojo, S	A	A	P			
			15	Tsao, D	A	A	P			
			16	Wold, B	A	A	P			
			17	Winfrey, E	A	A	P			
			18	Rangel, A	A	A	P			
			19	Siapas, A	A	A	P			
			20	Prober, D	A	A	P			
			21	Patterson, P	A	A	P			
			22	Andersen, R	A	A	P			
			23	Elowitz, M	A	A	P			
			24	Anderson, D	A	A	P			
			25	Adolphs, R	A	A	P			
			26	Kennedy, M	A	A	P			
			27	Quartz, S	A	A	P			
			28	O'Doherty, J	A	A	P			
			29	Camerer, C	A	A	P			
			30	Meister, M	A	A	P			
			CNS/Bi/EE/CS/NB 1864-4-4		Vision: From Computational Theory to Neuronal Mechanisms	01	Perona, P	TR 10:30 - 11:55	080 MRE	

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COMPUTATION & NEURAL SYS							
BE/CS/CNS/Bi 191A	3-0-6	Biomolecular Computation	01	Winfree, E	TR 10:30 - 11:55	107 ANB	G
Bi/CNS/NB 195	3-0-6	Mathematics in Biology	01	Meister, M	MW 10:00 - 11:25	3 BBB	
Bi/CNS/NB 220	2-0-4	Genetic Dissection of Neural Circuit Function <i>First Day of class is Wed, 1/08/14, 10:30-11:55 in 101 KRK. Course resumes on Thursdays starting 1/16/14.</i>	01	Anderson, D	OM,R 15:00 - 17:55	300 BRD	
CNS/SS 251	2-1-6	Human Brain Mapping: Theory and Practice <i>Maximum enrollment: 20 students</i>	01	O'Doherty, J	R 13:30 - 15:25	67 BRD	G
CNS280	+	Research in Computation and Neural Systems	01	Meister, M	A	A	P
			02	Elowitz, M	A	A	P
			03	Andersen, R	A	A	P
			05	Winfree, E	A	A	P
			06	Siapas, A	A	A	P
			07	Quartz, S	A	A	P
			08	Adolphs, R	A	A	P
			09	Murray, R	A	A	P
			10	Tsao, D	A	A	P
			11	Konishi, M	A	A	P
			12	Scherer, A	A	A	P
			14	Sternberg, P	A	A	P
			15	Perona, P	A	A	P
			16	Allman, J	A	A	P
			19	Bruck, J	A	A	P
			20	Burdick, J	A	A	P
			21	Shimojo, S	A	A	P
			22	Lester, H	A	A	P
			23	Wold, B	A	A	P
			24	Dickinson, M	A	A	P
			25	Hoffmann, M	A	A	P
			28	O'Doherty, J	A	A	P

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COMPUTER SCIENCE							
CS 002	2-6-1	Introduction to Programming Methods	01	Barr, A / Desbrun, M	MWF 14:00 - 14:55	105 ANB	P
CS 004	3-4-2	Fundamentals of Computer Programming	01	Vanier, M	MWF 15:00 - 15:55	105 ANB	P
Ma/CS 006B	3-0-6	Introduction to Discrete Mathematics	01	Wilson, R	MWF 13:00 - 13:55	151 SLN	
CS 011	0-3-0	Computer Language Shop <i>CS 1 or instructor's permission is required.</i>	01	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
CS 021	3-0-6	Decidability and Tractability	01	Umans, C	MWF 13:00 - 13:55	105 ANB	G
EE/CS 052	1-11-0	Microprocessor Systems Laboratory	01	George, G	MWF 15:00 - 15:55	070 MRE	
EE/CS 053	0-12-0	Microprocessor Project Laboratory	01	George, G	OM,W 16:00 - 16:55	070 MRE	
CS 080B	+	Undergraduate Thesis	01	Chandy, K	A	A	P
			02	Wierman, A	A	A	P
			03	Schroeder, P	A	A	P
			04	Winfree, E	A	A	P
			05	Barr, A	A	A	P
			06	Murray, R	A	A	P
			07	Ho, T	A	A	P
CS 081B	+	Undergraduate Projects in Computer Science	01	Pinkston, D	A	A	P
			02	Winfree, E	A	A	P
			03	Barr, A	A	A	P
			04	Chandy, K	A	A	P
			06	Wierman, A	A	A	P
			07	Desbrun, M	A	A	P
			08	Ho, T	A	A	P
			09	Vanier, M	A	A	P
			10	Perona, P	A	A	P

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COMPUTER SCIENCE							
CS 081B	+	Undergraduate Projects in Computer Science	11	Murray, R	A	A	P
			12	Adolphs, R	A	A	P
			13	Umans, C	A	A	P
			14	Burdick, J	A	A	P
			15	Low, S	A	A	P
CS 090	+	Undergraduate Reading in Computer Science	01	Abu-Mostafa, Y	A	A	P
			02	Low, S	A	A	P
			04	Schroeder, P	A	A	P
			05	Winfree, E	A	A	P
			06	Umans, C	A	A	P
			07	Desbrun, M	A	A	P
			08	Barr, A	A	A	P
			10	Perona, P	A	A	P
			11	Chandy, K	A	A	P
			13	Murray, R	A	A	P
			14	Wierman, A	A	A	P
CS 124	3-0-6	Operating Systems	01	Pinkston, D	MWF 11:00 - 11:55	105 ANB	
EE/Ma/CS 126B	3-0-6	Information Theory	01	Effros, M	MW 10:30 - 11:55	080 MRE	G
EE/CS/EST 135	3-0-6	Power System Analysis	01	Low, S	TR 10:30 - 11:55	213 ANB	
CS/EE 144	3-3-6	The Ideas Behind Our Networked World <i>Makeup lectures will occasionally be scheduled F 9:00-10:25</i>	01	Wierman, A	MW 09:00 - 10:25	105 ANB	
CS 176	3-3-3	Introduction to Computer Graphics Research	01	Schroeder, P / Desbrun, M	TR 10:30 - 11:55	314 ANB	
CS 180	+	Master's Thesis Research	01	Abu-Mostafa, Y	A	A	P
			02	Umans, C	A	A	P
			03	Ho, T	A	A	P
			04	Chandy, K	A	A	P

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COMPUTER SCIENCE										
CS 180	+	Master's Thesis Research	05	Desbrun, M	A	A	P			
			06	Kitaev, A	A	A	P			
			07	Low, S	A	A	P			
			08	Martin, A	A	A	P			
			09	Yariv, A	A	A	P			
			10	Barr, A	A	A	P			
			11	Schroeder, P	A	A	P			
			12	Wierman, A	A	A	P			
			13	Winfree, E	A	A	P			
			14	Wold, B	A	A	P			
			15	Krause, R	A	A	P			
			17	Perona, P	A	A	P			
			CS/EE 181B	3-6-3	VLSI Design Laboratory	01	Martin, A	MW 13:00 - 14:25	243 ANB	G
			CNS/Bi/EE/CS/NB 186	4-4-4	Vision: From Computational Theory to Neuronal Mechanisms	01	Perona, P	TR 10:30 - 11:55	080 MRE	
BE/CS/CNS/Bi 191A	3-0-6	Biomolecular Computation	01	Winfree, E	TR 10:30 - 11:55	107 ANB	G			
Ph/CS 219B	3-0-6	Quantum Computation	01	Kitaev, A / Preskill, J	MW 14:30 - 15:55	269 LAU				
CS 280	+	Research in Computer Science	01	Abu-Mostafa, Y	A	A	P			
			02	Umans, C	A	A	P			
			03	Barr, A	A	A	P			
			04	Chandy, K	A	A	P			
			05	Desbrun, M	A	A	P			
			06	Cvitanic, J	A	A	P			
			07	Winfree, E	A	A	P			
			08	Low, S	A	A	P			
			09	Martin, A	A	A	P			
			10	Winfree, E	A	A	P			
			11	Perona, P	A	A	P			

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CS 280	+	Research in Computer Science	12	Schroeder, P	A	A	P			
			14	Kitaev, A	A	A	P			
			15	Wierman, A	A	A	P			
			16	Ligett, K	A	A	P			
CS 282B	+	Reading in Computer Science	01	Staff	A	A	P			
CONTROL & DYNAMICAL SYSTEMS										
CDS090B	0-0-9	Senior Thesis in Control & Dynamical Systems	01	Murray, R	A	A	G			
CDS110B	3-0-6	Introductory Control Theory	01	Doyle, J	TR 14:30 - 15:55	213 ANB				
CDS140A	3-0-6	Introduction to Dynamics <i>Co-taught with ACM101B and AM 125B</i>	01	Murray, R	TR 09:00 - 10:25	105 ANB				
CDS190	+	Independent Work in Control and Dynamical Systems	01	Owhadi, H	A	A	P			
CDS300B	+	Research in Control and Dynamical Systems	01	Burdick, J	A	A	P			
			02	Adolphs, R	A	A	P			
			03	Doyle, J	A	A	P			
			04	Owhadi, H	A	A	P			
			05	Dabiri, J	A	A	P			
			06	Goentoro, L	A	A	P			
			07	Dickinson, M	A	A	P			
			08	Murray, R	A	A	P			
			11	Elowitz, M	A	A	P			
			12	Desbrun, M	A	A	P			
			13	Ortiz, M	A	A	P			
			14	Beck, J	A	A	P			
			ECONOMICS							

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ECONOMICS							
Ec 011	3-2-4	Introduction to Economics	01	Rangel, A	TR 13:00 - 14:25	Lecture Hall BAX	
BEM/Ec/SS 020	2-0-4	Scientific Writing and Oral Presentation in the Social Sciences <i>Maximum enrollment: 15 students</i>	01	Yariv, L / Daley, C	T 13:00 - 14:55	228 BAX	G
Ec 097	+	Undergraduate Research	01	Staff	A	A	P
Ec 098B	+	Senior Research and Thesis	01 02 03 04 05 06	Camerer, C Makarov, N Ledyard, J Rangel, A Shum, M Haugen, K	A A A A A A	A A A A A A	P P P P P P
Ec 121B	3-0-6	Theory of Value	01	Border, K	MW 14:30 - 15:55	25 BAX	G
Ec/SS 124	3-0-6	Identification Problems in the Social Sciences	01	Sherman, R	TR 10:30 - 11:55	127 BAX	
Ec/PS 160B	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260// Completion of Ec/PS 160A required for b and c classes //Max of 10 students for both Ec 160 & SS 260</i>	01	Plott, C	TR 09:00 - 10:25	127 BAX	G
PS/Ec 172	3-0-6	Game Theory	01	Elliott, M	TR 09:00 - 10:25	Lecture Hall BAX	G
Ec/PS 190	+	Undergraduate Research	01 02 03 04 05 06 07 08	Kiewiet, D Ensminger, J Plott, C Border, K Rangel, A Ledyard, J Alvarez, R Camerer, C	A A A A A A A A	A A A A A A A A	P P P P P P P P

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ECONOMICS							
Ec/PS 190	+	Undergraduate Research	09	Sherman, R	A	A	P
ELECTRICAL ENGINEERING							
EE 001	1-0-0	Introduction to Electrical Engineering Seminar	01	Hassibi, B	W 12:00 - 12:55	070 MRE	P
EE/ME 007	2-3-1	Introduction to Mechatronics	01	George, G	WF 13:00 - 13:55	070 MRE	P
APh/EE 009B	2-2-2	Solid-State Electronics for Integrated Circuits <i>Maximum enrollment: 80 students</i>	01	Scherer, A	TR 13:00 - 13:55	070 MRE	G
EE 045	3-3-6	Electronics Laboratory	01	Antsos, D	TR 15:00 - 16:25	080 MRE	
EE/CS 052	1-11-0	Microprocessor Systems Laboratory	01	George, G	MWF 15:00 - 15:55	070 MRE	
EE/CS 053	0-12-0	Microprocessor Project Laboratory	01	George, G	OM,W 16:00 - 16:55	070 MRE	
EE 080B	+	Senior Thesis	01	Potter, K	A	A	P
			02	Scherer, A	A	A	P
EE 091B	+	Experimental Projects in Electronic Circuits <i>Units by arrangement; 12 units minimum each term.</i>	01	Megdal, B	OM,T 16:30 - 17:25	070 MRE	
EE 099	+	Advanced Work in Electrical Engineering	01	Scherer, A	A	A	P
			02	Perona, P	A	A	P
			03	George, G	A	A	P
			04	Atwater, H	A	A	P
			05	Murray, R	A	A	P
			06	Emami, A	A	A	P
			07	Gharib, M	A	A	P
			08	Low, S	A	A	P
			09	Yang, C	A	A	P

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ELECTRICAL ENGINEERING							
EE 099	+	Advanced Work in Electrical Engineering	10	Hajimiri, S	A	A	P
			11	Burdick, J	A	A	P
			12	Tai, Y	A	A	P
EE 105B	1-0-0	Electrical Engineering Seminar	01	Hassibi, B	A	A	P
EE 112	3-0-6	Introduction to Digital Signal Processing	01	Vaidyanathan, P	TR 13:00 - 14:25	080 MRE	
EE/MedE 114A	4-0-8	Analog Circuit Design	01	Hajimiri, S	WF 10:00 - 11:55	070 MRE	
Ph/APh/EE/BE 118B	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	
EE/Ma/CS 126B	3-0-6	Information Theory	01	Effros, M	MW 10:30 - 11:55	080 MRE	G
EE/APh 131	3-0-6	Optical Wave Propagation	01	Yariv, A	TR 09:00 - 10:25	104 WAT	
EE/CS/EST 135	3-0-6	Power System Analysis	01	Low, S	TR 10:30 - 11:55	213 ANB	
CS/EE 144	3-3-6	The Ideas Behind Our Networked World <i>Makeup lectures will occasionally be scheduled F 9:00-10:25</i>	01	Wierman, A	MW 09:00 - 10:25	105 ANB	
EE/Ae 157B	3-0-6	Introduction to the Physics of Remote Sensing	01	van Zyl, J	M 16:00 - 17:25 R 13:00 - 14:25	107 ANB 107 ANB	
EE 160	3-0-6	Communication-System Fundamentals	01	Hassibi, B	TR 10:30 - 11:55	070 MRE	
EE 163A	3-0-6	Communication Theory	01	Ho, T	MWF 15:00 - 15:55	107 ANB	
EE/APh 180	3-0-3	Nanotechnology	01	Scherer, A	TR 14:30 - 15:25	070 MRE	

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ELECTRICAL ENGINEERING							
CS/EE 181B	3-6-3	VLSI Design Laboratory	01	Martin, A	MW 13:00 - 14:25	243 ANB	G
CNS/Bi/EE/CS/NB 186 4-4-4		Vision: From Computational Theory to Neuronal Mechanisms	01	Perona, P	TR 10:30 - 11:55	080 MRE	
EE 291	+	Advanced Work in Electrical Engineering	01	Abu-Mostafa, Y	A	A	P
			02	Ho, T	A	A	P
			03	Bruck, J	A	A	P
			04	Burdick, J	A	A	P
			05	Heath, J	A	A	P
			06	Doyle, J	A	A	P
			07	Effros, M	A	A	P
			08	Vahala, K	A	A	P
			09	George, G	A	A	P
			10	Haile, S	A	A	P
			11	Hajimiri, S	A	A	P
			12	Hassibi, B	A	A	P
			13	Zmuidzinas, J	A	A	P
			14	Low, S	A	A	P
			15	McEliece, R	A	A	P
			16	Atwater, H	A	A	P
			17	Murray, R	A	A	P
			18	Perona, P	A	A	P
			19	Gharib, M	A	A	P
			20	Hoffmann, M	A	A	P
			21	Choo, H	A	A	P
			22	Phillips, R	A	A	P
			23	Cvitanic, J	A	A	P
			24	Quartz, S	A	A	P
			25	Rutledge, D	A	A	P
			26	Scherer, A	A	A	P
			27	Pellegrino, S	A	A	P
			28	Tai, Y	A	A	P

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ELECTRICAL ENGINEERING							
EE 291	+	Advanced Work in Electrical Engineering	29	Vaidyanathan, P	A	A	P
			30	Yariv, A	A	A	P
			31	Chandrasekaran, V	A	A	P
			32	Roukes, M	A	A	P
			33	Avouac, J	A	A	P
			34	Weinreb, S	A	A	P
			36	Martin, A	A	A	P
			37	Yang, C	A	A	P
			38	Emami, A	A	A	P
			39	Painter, O	A	A	P
			40	Faraon, A	A	A	P
ENERGY SCIENCE AND TECHNOLOGY							
EE/CS/EST 135	3-0-6	Power System Analysis	01	Low, S	TR 10:30 - 11:55	213 ANB	
ENGINEERING							
E 010	1-0-2	Technical Seminar Presentations <i>Maximum Enrollment: 6 students per section</i>	01	Fender, A	OM,T 20:00 - 20:55 M 09:00 - 09:55	142 KCK	G
			02	Fender, A	OM,T 20:00 - 20:55 M 10:00 - 10:55	142 KCK	G
			03	Fender, A	OM,T 20:00 - 20:55 M 11:00 - 11:55	142 KCK	G
			04	Fender, A	OM,T 20:00 - 20:55 W 09:00 - 09:55	142 KCK	G
			05	Fender, A	OM,T 20:00 - 20:55 W 10:00 - 10:55	142 KCK	G
			06	Fender, A	OM,T 20:00 - 20:55 W 11:00 - 11:55	142 KCK	G
			07	Fender, A	OM,T 20:00 - 20:55 F 09:00 - 09:55	142 KCK	G
			08	Fender, A	OM,T 20:00 - 20:55 F 10:00 - 10:55	142 KCK	G

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ENGINEERING							
E 010	1-0-2	Technical Seminar Presentations <i>Maximum Enrollment: 6 students per section</i>	09	Fender, A	OM,T 20:00 - 20:55 F 11:00 - 11:55	142 KCK 142 KCK	G
E 011	1-0-2	Written Technical Communication in Engineering and Applied Science <i>Open to E&AS students only // Maximum enrollment: 20 students per section</i>	01 02	Pierce, G Readhead, C	T 10:30 - 11:25 R 15:00 - 15:55	142 KCK 142 KCK	
E/H/Art 089	3-0-6	New Media Arts in the 20th and 21st Centuries <i>Maximum enrollment: 20 students</i>	01	Mushkin, H	W 19:00 - 21:55	127 BAX	
E/ME 105A	3-2-4	Product Design for the Developing World	01	Pickar, K	MW 20:00 - 21:25	Classroom NewMedia	
ENGLISH							
Hum/En 005	3-0-6	Major British Authors <i>Attendance at the first class meeting is required. // Maximum enrollment: 15 students</i>	01	Jahner, J	TR 14:30 - 15:55	33 BAX	
Hum/En 006	3-0-6	American Literature and Culture <i>Attendance at the first class meeting is required. // Maximum enrollment: 15 students per section//Section 4: Grades only for non-frosh</i>	01 02 03 04	Hunter, C Jurca, C Weinstein, C Spires, D	TR 09:00 - 10:25 W 13:00 - 15:55 W 13:00 - 15:55 TR 14:30 - 15:55	115 DAB 117 DAB TR DAB 110 STL	
Hum/En 007	3-0-6	Modern European Literature <i>Attendance at the first class meeting is required.// Maximum enrollment: 15 students per section</i>	01 02	Gilmartin, K Gilmore, D	TR 09:00 - 10:25 TR 14:30 - 15:55	TR DAB 117 DAB	
En 086	3-0-6	Fiction and Creative Nonfiction Writing <i>Maximum enrollment: 15 students</i>	01	Gerber, M	M 19:00 - 21:55	128 BAX	
En 089	3-0-6	Writing the News - Journalistic Writing <i>course cancelled</i>	01	Kipling, R	M 19:00 - 21:55	115c BAX	
En 098	+	Reading in English	01 02 03	Gilmartin, K Haugen, K Dennison, T	A A A	A A A	P P P

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ENGLISH							
En 099A	1-0-8	Senior Tutorial for English Majors	01	Weinstein, C	A	A	G
			02	Gilmartin, K	A	A	G
			03	Pigman, G	A	A	G
			04	Haugen, K	A	A	G
			05	Jurca, C	A	A	G
			06	Gilmore, D	A	A	G
			07	Hunter, C	A	A	G
En 099B	1-0-8	Senior Tutorial for English Majors	01	Haugen, K	A	A	G
			02	Gilmartin, K	A	A	G
			03	Weinstein, C	A	A	G
En 121	3-0-6	Literature and Its Readers <i>Maximum enrollment: 25 students</i>	01	Haugen, K	T 19:00 - 21:55	127 BAX	G
En 129	3-0-6	Enlightenment Fiction <i>Open by lottery only; See link on the REGIS home page to enter the lottery // Maximum enrollment: 20 students</i>	01	Gilmartin, K	T 19:00 - 21:55	125 BAX	
En 134	3-0-6	The Career of Herman Melville <i>Maximum enrollment: 20 students</i>	01	Weinstein, C	W 09:00 - 11:55	TR DAB	G
En/F 161	3-0-6	The New Hollywood <i>Maximum enrollment: 18 students</i>	01	Jurca, C	TR 13:00 - 14:25	127 BAX	
En 179	3-0-6	Constituting Citizenship before the Fourteenth Amendment <i>Maximum enrollment: 15 students</i>	01	Spires, D	TR 10:30 - 11:55	19 BAX	G
En 186	3-0-6	The Novel of Education <i>Maximum enrollment: 20 students</i>	01	Gilmore, D	W 13:00 - 15:55	125 BAX	G
En 190	3-0-6	Chaucer <i>Maximum enrollment: 15 students</i>	01	Jahner, J	TR 10:30 - 11:55	33 BAX	G
En/H 193	3-0-6	Cervantes, Truth or Dare: Don Quixote in an Age of Empire <i>Maximum enrollment: 15 students</i>	01	Wey-Gomez, N	TR 13:00 - 14:25	127 BAX	

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ENGLISH							
En/H 197	+	American Literature and the Technologies of Reading <i>Maximum enrollment: 15 students // Letter grades only // Class meets W 1-4pm</i>	01	Hunter, C	A	A	P
ENGLISH AS A SECOND LANGUAGE							
ESL101B	3-0-0	Oral Communication and Pronunciation <i>Thursday class times for Social Science students only</i>	01	Geasland, J	MWR 17:30 - 18:55	125 BAX	P
ENVIRONMENTAL SCIENCE & ENGINEERING							
ESE090	+	Undergraduate Laboratory Research in Environmental Science and Engineering	01 02 03 04 05 06	Leadbetter, J Flagan, R Sessions, A Hoffmann, M Newman, D Thompson, A	A A A A A A	A A A A A A	P P P P P P
ESE100	+	Special Problems in Environmental Engineering Science <i>up to 12 units by arrangement</i>	01 02 03 04 05 06 07 08 09 10 11 12	Schneider, T Ingersoll, A Wennberg, P Hoffmann, M Adkins, J Leadbetter, J Bordoni, S Yung, Y Seinfeld, J Orphan, V Thompson, A Sessions, A	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
ESE103	3-0-6	Earth's Biogeochemical Cycles	01	Wennberg, P	MWF 15:00 - 15:55	162 SMD	G
ESE105	+	Research in Environmental Science and Engineering	01 02	Adkins, J Blake, G	A A	A A	P P

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ENVIRONMENTAL SCIENCE & ENGINEERING										
ESE105	+	Research in Environmental Science and Engineering	03	Bordoni, S	A	A	P			
			04	Eiler, J	A	A	P			
			05	Flagan, R	A	A	P			
			06	Hoffmann, M	A	A	P			
			07	Ingersoll, A	A	A	P			
			08	Lamb, M	A	A	P			
			09	Leadbetter, J	A	A	P			
			10	Newman, D	A	A	P			
			11	Okumura, M	A	A	P			
			12	Orphan, V	A	A	P			
			13	Schneider, T	A	A	P			
			14	Seinfeld, J	A	A	P			
			15	Sessions, A	A	A	P			
			16	Wennberg, P	A	A	P			
			17	Yung, Y	A	A	P			
			18	Thompson, A	A	A	P			
			ESE110B	1-0-0	Seminar in Environmental Science and Engineering	01	Adkins, J	W 16:00 - 16:55	365 SMD	P
			ESE131	3-0-6	Physical Oceanography	01	Thompson, A	MWF 11:00 - 11:55	162 SMD	G
ESE133	3-0-6	Large-scale Atmosphere Dynamics	01	Bordoni, S	TR 13:00 - 14:25	135 L+R				
Ge/ESE 150	3-0-6	Planetary Atmospheres	01	Ingersoll, A	TR 14:30 - 15:55	162 SMD				
Ge/ESE 154	+	Readings in Paleoclimate <i>Class meets Fridays, 2:30-4 in 212 NMD</i>	01	Adkins, J	A	A	P			
ESE175	3-0-6	Physical Inorganic Chemistry of Natural Waters	01	Hoffmann, M	MWF 10:00 - 10:55	135 L+R				
ESE300	+	Thesis Research	01	Adkins, J	A	A	P			
			02	Sessions, A	A	A	P			
			04	Hoffmann, M	A	A	P			

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ENVIRONMENTAL SCIENCE & ENGINEERING										
ESE300	+	Thesis Research	05	Ingersoll, A	A	A	P			
			06	Leadbetter, J	A	A	P			
			07	Newman, D	A	A	P			
			08	Bordoni, S	A	A	P			
			09	Yung, Y	A	A	P			
			10	Wennberg, P	A	A	P			
			11	Schneider, T	A	A	P			
			12	Seinfeld, J	A	A	P			
			13	Eiler, J	A	A	P			
			14	Orphan, V	A	A	P			
			15	Okumura, M	A	A	P			
			16	Thompson, A	A	A	P			
			FILM							
			En/F 161	3-0-6	The New Hollywood <i>Maximum enrollment: 18 students</i>	01	Jurca, C	TR 13:00 - 14:25	127 BAX	
			FRESHMAN SEMINARS							
			FS 002	2-0-4	Freshman Seminar: The Origins of Ideas <i>Limit enrollment: 12 students</i>	01	Bruck, J	R 16:00 - 17:25	239 MRE	P
FS/Ph 011B	2-0-4	Freshman Seminar: Research Tutorial	01	Tombrello, T	A	201 SLN	P			
FS 017	2-0-4	Freshman Seminar: The Theory and Practice of Moneyball <i>Maximum enrollment: 12 students</i>	01	Kiewiet, D / Claire, F	T 09:00 - 10:55	228 BAX	P			
GEOLOGY										
Ge 010	2-0-0	Frontiers in Geological and Planetary Sciences	01	Clayton, R / Farley, K	F 12:00 - 13:25	151 ARM	P			
Ge 011B	3-3-3	Introduction to Earth and Planetary Sciences: Earth and the Biosphere <i>Field Trip Dates: TBD</i>	01	Fischer, W / Kirschvink, J	MWF 14:00 - 14:55 W 19:00 - 21:55	251 ARM 251 ARM				

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GEOLOGY							
Ge 011D	3-0-6	Introduction to Earth and Planetary Sciences: Geophysics <i>taught concurrently with Ge 102</i>	01	Clayton, R / Gurnis, M	MWF 09:00 - 09:55	162 SMD	
Ge 040	+	Special Problems for Undergraduates	01	Kirschvink, J	A	A	P
			02	Orphan, V	A	A	P
			03	Lamb, M	A	A	P
			04	Ingersoll, A	A	A	P
			05	Adkins, J	A	A	P
			06	Rossman, G	A	A	P
Ge 041B	+	Undergraduate Research and Bachelor's Thesis	01	Rossman, G	A	A	P
			02	Kirschvink, J	A	A	P
			03	Grotzinger, J	A	A	P
			04	Orphan, V	A	A	P
			05	Stolper, E	A	A	P
			06	Stock, J	A	A	P
			07	Grotzinger, J	A	A	P
			08	Asimow, P	A	A	P
			09	Brown, M	A	A	P
			11	Eiler, J	A	A	P
Ge 102	3-0-6	Introduction to Geophysics <i>taught concurrently with Ge 11D</i>	01	Clayton, R / Gurnis, M	MWF 09:00 - 09:55	162 SMD	
Ge 104	3-0-6	Introduction to Geobiology	01	Kirschvink, J / Fischer, W	MWF 14:00 - 14:55	251 ARM	
Bi/Ge 105	3-4-5	Evolution <i>Class not open for enrollment</i>	01	Phillips, R / Orphan, V	TR 13:00 - 14:25	267 ARM	
Ge 106	3-0-6	Introduction to Structural Geology	01	Avouac, J	TWR 15:00 - 15:55	215 NMD	
Ge 111A	3-3-0	Applied Geophysics Seminar and Field Course <i>Field Trip dates: TBD</i>	01	Clayton, R / Simons, M	T 13:00 - 14:25	162 SMD	G
Ge 115A	3-0-3	Petrology and Petrography: Igneous Petrology	01	Stolper, E	MWF 10:00 - 10:55	251 ARM	

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GEOLOGY							
Ge 116	1-4-1	Analytical Techniques Laboratory <i>Labs TBA // Maximum enrollment: 8 students</i>	01	Asimow, P / Jackson, J / Rossman, G / Farley, K	T 12:00 - 12:55	267 ARM	G
Ge 121B	0-9-3	Advanced Field Geology <i>Field Trip Dates: TBD</i>	01	Fischer, W / Grotzinger, J	OM,M 09:30 - 09:55	267 ARM	G
Ge 126	2-0-4	Topics in Earth Surface Processes	01	Lamb, M / Fischer, W	W 09:30 - 11:25	151 ARM	
Ge 136B	1-0-2	Regional Field Geology of the Southwestern United States <i>Field Trip Dates: TBA</i>	01	Kirschvink, J	OM,R 10:30 - 10:55	251 ARM	P
Ge 140B	3-0-6	Radiogenic Isotope Geochemistry	01	Farley, K	TR 09:00 - 10:25	151 ARM	
Ge/ESE 150	3-0-6	Planetary Atmospheres	01	Ingersoll, A	TR 14:30 - 15:55	162 SMD	
Ge/ESE 154	+	Readings in Paleoclimate <i>Class meets Fridays, 2:30-4 in 212 NMD</i>	01	Adkins, J	A	A	P
Ae/Ge/ME 160B	3-0-6	Continuum Mechanics of Fluids and Solids	01	Kochmann, D	TR 14:30 - 15:55	101 GUG	G
Ge 162	3-0-6	Seismology	01	Ampuero Saenz, J	MWF 10:00 - 10:55	162 SMD	
Ge 164	3-0-6	Mineral Physics	01	Jackson, J	TR 10:30 - 11:55	162 SMD	
Ge 169B	+	Readings in Geophysics: Great Papers in Earth Science <i>Units: (2-0-4) // Class meets W 1-3pm in 162 SMD</i>	01	Tsai, V	A	A	P
Ge 193	+	Special Topics in Geophysics: Glaciers and Ice Sheets in a Warming World <i>9 units (3-0-6) // Class meets TR 9:00 - 10:25 in 162 SMD</i>	01	Gudmundsson, G	A	A	P

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GEOLOGY							
Ge 218	3-0-3	Stable Isotopes Seminar	01	Eiler, J	TR 13:00 - 14:25	015 NMD	
Ge 277	2-0-4	Active Tectonics Seminar	01	Avouac, J	W 16:00 - 17:25	256 SMD	
Ge 297	+	Advanced Study	01	Adkins, J	A	A	P
			02	Eiler, J	A	A	P
			03	Clayton, R	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	Stock, J	A	A	P
			09	Sessions, A	A	A	P
			10	Avouac, J	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	Farley, K	A	A	P
			18	Newman, D	A	A	P
			19	Ampuero Saenz, J	A	A	P
			20	Fischer, W	A	A	P
			21	Lamb, M	A	A	P
			22	Rossmann, G	A	A	P
			23	Schneider, T	A	A	P
			24	Bordoni, S	A	A	P
			25	Simons, M	A	A	P
			26	Stevenson, D	A	A	P
			27	Ehlmann, B	A	A	P
			28	Stolper, E	A	A	P

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GEOLOGY							
Ge 297	+	Advanced Study	29	Kulkarni, S	A	A	P
			30	Miller, T	A	A	P
			32	Wennberg, P	A	A	P
			33	Wernicke, B	A	A	P
			34	Aharonson, O	A	A	P
			35	Yung, Y	A	A	P
			36	Lapusta, N	A	A	P
			37	Kulkarni, S	A	A	P
			38	Orphan, V	A	A	P
			39	Tsai, V	A	A	P
			40	Knutson, H	A	A	P
			41	Knutson, H	A	A	P
			Ge 299	+	Thesis Research	01	Adkins, J
02	Ehlmann, B	A				A	P
03	Avouac, J	A				A	P
04	Asimow, P	A				A	P
05	Blake, G	A				A	P
06	Brown, M	A				A	P
07	Clayton, R	A				A	P
08	Eiler, J	A				A	P
09	Farley, K	A				A	P
10	Grotzinger, J	A				A	P
11	Heaton, T	A				A	P
12	Helmberger, D	A				A	P
13	Gurnis, M	A				A	P
14	Kirschvink, J	A				A	P
15	Fischer, W	A				A	P
16	Newman, D	A	A	P			
17	Orphan, V	A	A	P			
19	Rossmann, G	A	A	P			
20	Saleeby, J	A	A	P			
22	Schneider, T	A	A	P			
23	Sessions, A	A	A	P			

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GEOLOGY							
Ge 299	+	Thesis Research	25	Simons, M	A	A	P
			26	Stevenson, D	A	A	P
			27	Stock, J	A	A	P
			28	Stolper, E	A	A	P
			31	Yung, Y	A	A	P
			32	Aharonson, O	A	A	P
			33	Wennberg, P	A	A	P
			34	Wernicke, B	A	A	P
			35	Ampuero Saenz, J	A	A	P
			36	Lapusta, N	A	A	P
			37	Kulkarni, S	A	A	P
			38	Jackson, J	A	A	P
			39	Ingersoll, A	A	A	P
HISTORY							
Hum/H 003B	3-0-6	European Civilization: Early Modern Europe <i>Attendance at the first class meeting is required.</i> <i>// Maximum Enrollment: 15 students per section.</i> <i>// Section 3: Grades only for non-frosh</i>	01	Jennings, J	TR 09:00 - 10:25	33 BAX	
			02	Jennings, J	TR 14:30 - 15:55	127 BAX	
			03	Hoffman, P	TR 14:30 - 15:55	125 BAX	
			04	Brewer, J	TR 09:00 - 10:25	117 DAB	
			05	Wey-Gomez, N	TR 09:00 - 10:25	125 BAX	
Hum/H 003C	3-0-6	European Civilization: Modern Europe <i>Attendance at the first class meeting is required.</i> <i>// Maximum Enrollment: 15 students</i>	01	Dennison, T	TR 14:30 - 15:55	TR DAB	
Hum/H 004B	3-0-6	The Development of Science from Babylon through the Renaissance <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Buchwald, J	W 19:00 - 21:55	TR DAB	
Hum/H/HPS 010	3-0-6	Introduction to the History of Science <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Feingold, M	T 19:00 - 21:55	TR DAB	
E/H/Art 089	3-0-6	New Media Arts in the 20th and 21st Centuries <i>Maximum enrollment: 20 students</i>	01	Mushkin, H	W 19:00 - 21:55	127 BAX	

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HISTORY							
H 098	+	Reading in History	01	Staff	A	A	P
H 099B	1-0-8	Research Tutorial	01	Hoffman, P	A	A	
			02	Dennison, T	A	A	
			03	Brown, W	A	A	
			04	Brewer, J	A	A	
			05	Buchwald, J	A	A	
			06	Wey-Gomez, N	A	A	
H 108A	3-0-6	The Early Middle Ages <i>Maximum enrollment: 25 students</i>	01	Brown, W	MWF 13:00 - 13:55	128 BAX	
H 125	3-0-6	Soviet Russia <i>Maximum enrollment: 15 students</i>	01	Dennison, T	TR 13:00 - 14:25	TR DAB	G
Law/PS/H 148A	3-0-6	The Supreme Court in U.S. History <i>Maximum enrollment: 30 students</i>	01	Kousser, J	T 19:30 - 22:25	128 BAX	G
H 161	3-0-6	Selected Topics in History: The Cold War <i>Maximum enrollment: 15 students</i>	01	Westwick, P	W 19:00 - 21:55	128 BAX	
HPS/H 166	3-0-6	Historical Perspectives on the Relations between Science and Religion <i>Maximum Enrollment: 15 students</i>	01	Feingold, M	W 19:00 - 21:55	117 DAB	
HPS/H 168	3-0-6	History of Electromagnetism and Heat Science <i>Maximum enrollment: 15 students</i>	01	Buchwald, J	TR 10:30 - 11:55	117 DAB	G
Art/H 183	3-0-6	Spectacle: From the Court Masque to the Great Exhibition of 1851 <i>Maximum enrollment: 15 students</i>	01	Brewer, J	TR 13:00 - 14:25	19 BAX	G
En/H 193	3-0-6	Cervantes, Truth or Dare: Don Quixote in an Age of Empire <i>Maximum enrollment: 15 students</i>	01	Wey-Gomez, N	TR 13:00 - 14:25	127 BAX	
En/H 197	+	American Literature and the Technologies of Reading <i>Maximum enrollment: 15 students // Letter grades only // Class meets W 1-4pm</i>	01	Hunter, C	A	A	P

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HISTORY AND PHILOSOPHY OF SCIENCE							
Hum/H/HPS 010	3-0-6	Introduction to the History of Science <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Feingold, M	T 19:00 - 21:55	TR DAB	
HPS102B	2-0-10	Senior Research Seminar	01 02	Quartz, S Feingold, M	A A	A A	
HPS103	1-0-0	Public Lecture Series	01	Feingold, M	A	A	P
HPS/PI 121	3-0-6	Causation and Explanation <i>Maximum enrollment: 15 students</i>	01	Eberhardt, F	TR 10:30 - 11:55	TR DAB	G
HPS/PI 135	3-0-6	Moral Philosophy and the Brain <i>Maximum enrollment: 15 students</i>	01	Quartz, S	T 13:00 - 15:55	115 DAB	
HPS/H 166	3-0-6	Historical Perspectives on the Relations between Science and Religion <i>Maximum Enrollment: 15 students</i>	01	Feingold, M	W 19:00 - 21:55	117 DAB	
HPS/H 168	3-0-6	History of Electromagnetism and Heat Science <i>Maximum enrollment: 15 students</i>	01	Buchwald, J	TR 10:30 - 11:55	117 DAB	G
HUMANITIES							
Hum/H 003B	3-0-6	European Civilization: Early Modern Europe <i>Attendance at the first class meeting is required.</i> <i>// Maximum Enrollment: 15 students per section.</i> <i>// Section 3: Grades only for non-frosh</i>	01 02 03 04 05	Jennings, J Jennings, J Hoffman, P Brewer, J Wey-Gomez, N	TR 09:00 - 10:25 TR 14:30 - 15:55 TR 14:30 - 15:55 TR 09:00 - 10:25 TR 09:00 - 10:25	33 BAX 127 BAX 125 BAX 117 DAB 125 BAX	
Hum/H 003C	3-0-6	European Civilization: Modern Europe <i>Attendance at the first class meeting is required.</i> <i>// Maximum Enrollment: 15 students</i>	01	Dennison, T	TR 14:30 - 15:55	TR DAB	
Hum/H 004B	3-0-6	The Development of Science from Babylon through the Renaissance <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Buchwald, J	W 19:00 - 21:55	TR DAB	

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HUMANITIES							
Hum/En 005	3-0-6	Major British Authors <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Jahner, J	TR 14:30 - 15:55	33 BAX	
Hum/En 006	3-0-6	American Literature and Culture <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students per section//Section 4: Grades only for non-frosh</i>	01 02 03 04	Hunter, C Jurca, C Weinstein, C Spires, D	TR 09:00 - 10:25 W 13:00 - 15:55 W 13:00 - 15:55 TR 14:30 - 15:55	115 DAB 117 DAB TR DAB 110 STL	
Hum/En 007	3-0-6	Modern European Literature <i>Attendance at the first class meeting is required.// Maximum enrollment: 15 students per section</i>	01 02	Gilmartin, K Gilmore, D	TR 09:00 - 10:25 TR 14:30 - 15:55	TR DAB 117 DAB	
Hum/PI 008	3-0-6	Right and Wrong <i>Attendance at the first class meeting is required</i> <i>// Maximum enrollment: 15 students per section</i>	01 02	Cowie, F Cowie, F	M 19:00 - 21:55 T 19:00 - 21:55	117 DAB 117 DAB	
Hum/PI 009	3-0-6	Knowledge and Reality <i>Attendance at first class meeting is required.//Maximum Enrollment: 15 students per section/</i>	01 02	Manning, G Manning, G	TR 09:00 - 10:25 TR 14:30 - 15:55	128 BAX 128 BAX	
Hum/H/HPS 010	3-0-6	Introduction to the History of Science <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Feingold, M	T 19:00 - 21:55	TR DAB	
LANGUAGES							
L 102B	3-0-6	Elementary French	01	Orcel, C	MW 08:00 - 08:55 R 12:00 - 12:55	125 BAX 125 BAX	
L 103B	3-0-6	Intermediate French	01	Merrill, T	MRF 12:00 - 12:55	33 BAX	
L 105A	3-0-6	Topics in French Culture and Literature	01	Orcel, C	M 15:00 - 15:55 TW 12:00 - 12:55	125 BAX 125 BAX	
L 106B	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	228 BAX 228 BAX	

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LANGUAGES							
L 107B	5-1-4	Intermediate Japanese <i>Maximum Enrollment: 20 students</i>	01	Hirata, K	TWR 12:00 - 12:55	117 DAB	G
L 108B	3-1-6	Advanced Japanese <i>Maximum enrollment: 20 students</i>	01	Hirata, K	T 13:00 - 13:55 WR 16:00 - 16:55	117 DAB 117 DAB	G
L 110B	3-0-6	Elementary Spanish <i>Maximum enrollment: 20 students per section</i>	01 02	Garcia, D Arjona, G	MWR 12:00 - 12:55 MR 19:00 - 21:25	128 BAX 115 DAB	
L 112B	3-0-6	Intermediate Spanish <i>Maximum Enrollment: 20 students</i>	01	Garcia, D	T 12:00 - 12:55 F 14:00 - 15:55	115 DAB 115 DAB	
L 114B	3-0-6	Spanish and Latin American Literature <i>Maximum Enrollment: 20 students</i>	01	Arjona, G	MR 16:30 - 17:55	115 DAB	
L 130B	3-0-6	Elementary German <i>Maximum enrollment: 20 students</i>	01	Aebi, A	MWR 13:00 - 13:55	115 DAB	
L 132B	3-0-6	Intermediate German <i>Maximum enrollment: 20 students</i>	01	Aebi, A	MWR 12:00 - 12:55	115 DAB	
L 170B	4-1-5	Introduction to Chinese	01	Wang, X	MW 19:00 - 20:25	19 BAX	
L 171B	5-0-4	Elementary Chinese <i>Maximum enrollment: 20 students</i>	01	Ming, F	M 19:00 - 19:55 TW 19:00 - 19:55	125 BAX 115 DAB	
L 172B	4-1-5	Intermediate Chinese	01	Wang, X	TR 19:00 - 20:25	19 BAX	
L 173B	3-1-6	Advanced Chinese <i>Maximum enrollment: 20 students</i>	01	Ming, F	M 20:00 - 21:25 T 20:00 - 21:25	125 BAX 115 DAB	
LAW							
Law033	3-0-6	Introduction to Law and Law and Economics <i>Class will not meet Feb 13th. A make-up class is scheduled for Friday, March 7th from 2:30-4 in BLH.</i>	01	Levitt, J	TR 14:30 - 15:55	Lecture Hall BAX	

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LAW							
Law/PS/H 148A	3-0-6	The Supreme Court in U.S. History <i>Maximum enrollment: 30 students</i>	01	Kousser, J	T 19:30 - 22:25	128 BAX	G
MATERIALS SCIENCE							
MS 078B	+	Senior Thesis	01	Johnson, W	A	A	P
			02	Haile, S	A	A	P
			03	Greer, J	A	A	P
			04	Snyder, G	A	A	P
			05	Goddard, W	A	A	P
MS 100	+	Advanced Work in Materials Science	01	Haile, S	A	A	P
			02	Fultz, B	A	A	P
			03	Snyder, G	A	A	P
			04	Davis, M	A	A	P
			07	Johnson, W	A	A	P
APh/MS 105B	3-0-6	States of Matter	01	Johnson, W	MW 13:00 - 14:25	104 WAT	G
MS 110B	1-0-0	Materials Research Lectures	01	Snyder, G	W 16:00 - 16:55	106 SPL	P
MS 115B	3-0-6	Fundamentals of Materials Science	01	Greer, J	TR 14:30 - 15:55	104 WAT	
MS/APh 122	0-3-0	Diffraction, Imaging, and Structure <i>Maximum enrollment: 8 students</i>	01	Fultz, B / Garland, C	OM,T 13:00 - 13:55	042 KCK	
MS 131	3-0-6	Structure and Bonding in Materials	01	Haile, S	TR 09:00 - 10:25	142 KCK	
MS 200	+	Advanced Work in Materials Science	01	Ortiz, M	A	A	P
			02	Snyder, G	A	A	P
			03	Atwater, H	A	A	P
			04	Minnich, A	A	A	P
			05	Fultz, B	A	A	P
			06	Goddard, W	A	A	P
			07	Haile, S	A	A	P

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MATERIALS SCIENCE							
MS 200	+	Advanced Work in Materials Science	08	Johnson, W	A	A	P
			09	van de Walle, A	A	A	P
			10	Greer, J	A	A	P
			11	Heath, J	A	A	P
			12	Daraio, C	A	A	P
			13	Lewis, N	A	A	P
			14	Bhattacharya, K	A	A	P
ME/MS 260A	3-0-9	Micromechanics <i>Class cancelled</i>	01	Bhattacharya, K	A	A	
MS 300	+	Thesis Research	01	Atwater, H	A	A	P
			02	Ortiz, M	A	A	P
			03	Rosakis, A	A	A	P
			04	Fultz, B	A	A	P
			05	Goddard, W	A	A	P
			06	Haile, S	A	A	P
			07	Johnson, W	A	A	P
			08	van de Walle, A	A	A	P
			09	Greer, J	A	A	P
			10	Snyder, G	A	A	P
			11	Cross, M	A	A	P
			12	Heath, J	A	A	P
			13	Lewis, N	A	A	P
MATHEMATICS							
Ma 001B	4-0-5	Calculus of One and Several Variables and Linear Algebra <i>Sections 1-7 Practical Track -- Sections 8-13 Analytical Track // Maximum enrollment: 20 students per section</i>	01	Mantovan, E	MWF 10:00 - 10:55 R 09:00 - 09:55	119 KRK 257 SLN	P
			02	Mantovan, E	MWF 10:00 - 10:55 R 09:00 - 09:55	119 KRK 119 DWN	P
			03	Mantovan, E	MWF 10:00 - 10:55 R 10:00 - 10:55	119 KRK 11 DWN	P
			04	Mantovan, E	MWF 10:00 - 10:55 R 13:00 - 13:55	119 KRK 103 DWN	P

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MATHEMATICS										
Ma 001B	4-0-5	Calculus of One and Several Variables and Linear Algebra <i>Sections 1-7 Practical Track -- Sections 8-13 Analytical Track // Maximum enrollment: 20 students per section</i>	05	Mantovan, E	MWF 10:00 - 10:55 R 13:00 - 13:55	119 KRK 11 DWN	P			
			06	Mantovan, E	MWF 10:00 - 10:55 R 14:00 - 14:55	119 KRK 119 DWN	P			
			08	Aschbacher, M	MWF 10:00 - 10:55 R 09:00 - 09:55	151 SLN 22 GTS	P			
			09	Aschbacher, M	MWF 10:00 - 10:55 R 10:00 - 10:55	151 SLN 22 GTS	P			
			10	Aschbacher, M	MWF 10:00 - 10:55 R 13:00 - 13:55	151 SLN 3 BBB	P			
			11	Aschbacher, M	MWF 10:00 - 10:55 R 13:00 - 13:55	151 SLN 102 STL	P			
			12	Aschbacher, M	MWF 10:00 - 10:55 R 14:00 - 14:55	151 SLN 102 STL	P			
			13	Aschbacher, M	MWF 10:00 - 10:55 R 10:00 - 10:55	151 SLN 27 GTS	P			
			Ma 001D	2-0-3	Series	01	Ramakrishnan, D	TR 09:00 - 09:55	151 SLN	
			Ma 002B	4-0-5	Differential Equations, Probability and Statistics <i>Maximum enrollment: 22 students per section</i>	01	Border, K	MWF 10:00 - 10:55 R 09:00 - 09:55	Lecture Hall BAX 11 DWN	G
						02	Border, K	MWF 10:00 - 10:55 R 09:00 - 09:55	Lecture Hall BAX 159 SLN	G
						03	Border, K	MWF 10:00 - 10:55 R 10:00 - 10:55	Lecture Hall BAX 159 SLN	G
						04	Border, K	MWF 10:00 - 10:55 R 10:00 - 10:55	Lecture Hall BAX 119 DWN	G
05	Border, K	MWF 10:00 - 10:55 R 10:00 - 10:55				Lecture Hall BAX 119 KRK	G			
06	Border, K	MWF 10:00 - 10:55 R 13:00 - 13:55				Lecture Hall BAX 33 BAX	G			
07	Border, K	MWF 10:00 - 10:55 R 13:00 - 13:55				Lecture Hall BAX 269 LAU	G			

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MATHEMATICS							
Ma 002B	4-0-5	Differential Equations, Probability and Statistics <i>Maximum enrollment: 22 students per section</i>	08	Border, K	MWF 10:00 - 10:55 R 13:00 - 13:55	Lecture Hall BAX 27 GTS	G
			09	Border, K	MWF 10:00 - 10:55 R 14:00 - 14:55	Lecture Hall BAX 22 GTS	G
			10	Border, K	MWF 10:00 - 10:55 R 14:00 - 14:55	Lecture Hall BAX 142 KCK	G
Ma 005B	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 105b</i>	01	Mantovan, E	MWF 09:00 - 09:55	151 SLN	
Ma/CS 006B	3-0-6	Introduction to Discrete Mathematics	01	Wilson, R	MWF 13:00 - 13:55	151 SLN	
Ma 092B	+	Senior Thesis	01	Staff	A	A	P
Ma 098	+	Independent Reading	01	Staff	A	A	P
Ma 105B	3-0-6	Introduction to Abstract Algebra	01	Mantovan, E	MWF 09:00 - 09:55	151 SLN	
Ma 108B	3-0-6	Classical Analysis	01	Katz, N	MWF 11:00 - 11:55	151 SLN	
Ma 109B	3-0-6	Introduction to Geometry and Topology	01	Trnkova, M	MWF 10:00 - 10:55	257 SLN	
Ma 110B	3-0-6	Analysis, I	01	Rains, E	MWF 11:00 - 11:55	159 SLN	
Ma 111A	3-0-6	Analysis, II	01	Frank, R	TR 14:30 - 15:55	159 SLN	P
Ma 116B	3-0-6	Mathematical Logic and Axiomatic Set Theory	01	Williams, J	TR 13:00 - 14:25	151 SLN	
Ma 120B	3-0-6	Abstract Algebra	01	Hedayat Zadeh Razavi, S	MWF 09:00 - 09:55	257 SLN	

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MATHEMATICS							
Ma 121B	3-0-6	Combinatorial Analysis	01	Rains, E	MWF 14:00 - 14:55	153 SLN	
EE/Ma/CS 126B	3-0-6	Information Theory	01	Effros, M	MW 10:30 - 11:55	080 MRE	G
Ma 130B	3-0-6	Algebraic Geometry	01	Graber, T	MWF 13:00 - 13:55	153 SLN	
Ma/ACM 144B	3-0-6	Probability	01	Chipeniuk, K	TR 14:30 - 15:55	269 LAU	
Ma 145B	3-0-6	Introduction to Unitary Group Representations	01	Alberts, T	TR 14:30 - 15:55	257 SLN	
Ma 148B	3-0-6	Topics in Mathematical Physics	01	Demirel-Frank, S	TR 10:30 - 11:55	153 SLN	P
Ma 151B	3-0-6	Algebraic and Differential Topology	01	Liu, Y	MWF 10:00 - 10:55	153 SLN	
Ma 157B	3-0-6	Riemannian Geometry	01	Venselaar, J	TR 14:30 - 15:55	153 SLN	
Ma 160B	3-0-6	Number Theory	01	Hedayat Zadeh Razavi, S	MWF 14:00 - 14:55	257 SLN	
Ma 162A	3-0-6	Topics in Number Theory	01	Tsai, P	MWF 11:00 - 11:55	153 SLN	
Ma 191B	3-0-6	Selected Topics in Mathematics	01	Kechris, A	MW 13:00 - 14:25	159 SLN	
		<i>Sec 1: Descriptive Set Theory // Sec 2:</i>	02	Gupta, S	MW 14:30 - 15:55	159 SLN	
		<i>Teichmuller Theory // Sec 3: Smooth 4-</i>	03	Ni, Y	TR 10:30 - 11:55	257 SLN	
		<i>manifolds and Seiberg-Witten Theory//Sec 4:</i>	04	Katz, N	TR 13:00 - 14:25	257 SLN	
		<i>Different Approaches to Kakeya and Restriction</i>	05	Makarov, N	TR 14:30 - 15:55	151 SLN	
		<i>Problems // Sec 5: Coulomb Gas in 2D // Sec 6:</i>	06	Marcolli, M	MW 14:00 - 15:25	151 SLN	
		<i>Motives and Periods //Sec 7: Inequalities</i>	07	Marx, C	TR 09:00 - 10:25	153 SLN	
Ma 290	+	Reading	01	Aschbacher, M	A	A	P
			02	Flach, M	A	A	P

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MATHEMATICS										
Ma 290	+	Reading	03	Graber, T	A	A	P			
			04	Kechris, A	A	A	P			
			05	Makarov, N	A	A	P			
			06	Mantovan, E	A	A	P			
			07	Marcolli, M	A	A	P			
			08	Markovic, V	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			
			14	Katz, N	A	A	P			
			15	Frank, R	A	A	P			
			Ma 390	+	Research	01	Aschbacher, M	A	A	P
						02	Flach, M	A	A	P
03	Graber, T	A				A	P			
04	Kechris, A	A				A	P			
05	Makarov, N	A				A	P			
06	Mantovan, E	A				A	P			
07	Marcolli, M	A				A	P			
08	Markovic, V	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			
14	Calegari, D	A				A	P			
15	Gukov, S	A				A	P			
16	Desbrun, M	A	A	P						
17	Kitaev, A	A	A	P						
18	Preskill, J	A	A	P						
19	Katz, N	A	A	P						
20	Alberts, T	A	A	P						

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MATHEMATICS							
Ma 390	+	Research	21	Frank, R	A	A	P
			22	Zhou, G	A	A	P
MECHANICAL ENGINEERING							
EE/ME 007	2-3-1	Introduction to Mechatronics	01	George, G	WF 13:00 - 13:55	070 MRE	P
ME 013	0-4-0	Introduction to Mechanical Prototyping	01	Van Deusen, J	OM,T 18:00 - 18:55	012 SPL	
ME 018A	3-0-6	Thermodynamics	01	Blanquart, G	MWF 14:00 - 14:55	206 TOM	
ME 019A	3-0-6	Fluid Mechanics	01	Dabiri, J	TR 10:30 - 11:55	101 GUG	G
ME 035B	3-0-6	Statics and Dynamics	01	Andrade, J	TR 13:00 - 14:25	206 TOM	
ME 072B	1-8-0	Engineering Design Laboratory	01	Ruoff, C / Van Deusen, J	TR 15:00 - 16:25	306 TOM	G
ME 090B	0-9-0	Senior Thesis, Experimental	01	Colonius, T	A	A	G
ME 100	+	Advanced Work in Mechanical Engineering	01	Colonius, T	A	A	P
			02	Burdick, J	A	A	P
			03	Scherer, A	A	A	P
			04	Phillips, R	A	A	P
			05	Pickar, K	A	A	P
			06	Pickar, K	A	A	P
			07	Tai, Y	A	A	P
			08	Hunt, M	A	A	P
			09	Minnich, A	A	A	P
Ae/APh/CE/ME 101B	3-0-6	Fluid Mechanics	01	Colonius, T / Dimotakis, P	MWF 10:00 - 10:55	206 TOM	

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MECHANICAL ENGINEERING							
Ae/AM/CE/ME 102B	3-0-6	Mechanics of Structures and Solids	01	Ortiz, M	TR 09:00 - 10:25	101 GUG	
E/ME 105A	3-2-4	Product Design for the Developing World	01	Pickar, K	MW 20:00 - 21:25	Classroom NewMedia	
ME 110	+	Special Laboratory Work in Mechanical Engineering	01 03	Shepherd, J Ravichandran, G	A A	A A	
CE/ME 112A	3-0-6	Hydraulic Engineering <i>Class Cancelled</i>	01	Hall, J	OM,M 15:00 - 15:55	206 TOM	G
ME 115A	3-0-6	Introduction to Kinematics and Robotics	01	Burdick, J	M 20:00 - 21:25 F 11:30 - 12:55	206 TOM 206 TOM	
ME 119A	3-0-6	Heat and Mass Transfer	01	Hunt, M	MWF 14:00 - 14:55	306 TOM	
ME 130	0-4-0	Introduction to Mechanical Prototyping	01	Van Deusen, J	OM,T 18:00 - 18:55	012 SPL	
AM/CE/ME 150B	1-0-0	Graduate Engineering Seminar	01	Andrade, J	A	A	P
Ae/Ge/ME 160B	3-0-6	Continuum Mechanics of Fluids and Solids	01	Kochmann, D	TR 14:30 - 15:55	101 GUG	G
ME 200	+	Advanced Work in Mechanical Engineering	01 02 03 05	Burdick, J Murray, R Ravichandran, G Brady, J	A A A A	A A A A	P P P P
Ae/AM/ME 215	3-0-6	Dynamic Behavior of Materials	01	Clifton, R	MWF 09:00 - 09:55	202 GUG	
ME/MS 260A	3-0-9	Micromechanics <i>Class cancelled</i>	01	Bhattacharya, K	A	A	
ME 300	+	Research in Mechanical Engineering	01 02 03	Blanquart, G Fultz, B Burdick, J	A A A	A A A	P P P

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MECHANICAL ENGINEERING										
ME 300	+	Research in Mechanical Engineering	04	Colonus, T	A	A	P			
			05	Adkins, J	A	A	P			
			06	Hunt, M	A	A	P			
			07	Murray, R	A	A	P			
			08	Dabiri, J	A	A	P			
			09	Bhattacharya, K	A	A	P			
			10	Shepherd, J	A	A	P			
			11	Andrade, J	A	A	P			
			12	Bellan, P	A	A	P			
			13	Leonard, A	A	A	P			
			14	Ortiz, M	A	A	P			
			15	Haile, S	A	A	P			
			16	Greer, J	A	A	P			
			17	Lapusta, N	A	A	P			
			18	Gharib, M	A	A	P			
			19	Troian, S	A	A	P			
			20	Brady, 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	Adkins, J	A	A	P			
			26	Kochmann, D	A	A	P			
			27	McKeon, B	A	A	P			
			28	Hoffmann, M	A	A	P			
			30	Minnich, A	A	A	P			
			31	van de Walle, A	A	A	P			
			32	Scherer, A	A	A	P			
			MEDICAL ENGINEERING							
			EE/MedE 114A	4-0-8	Analog Circuit Design	01	Hajimiri, S	WF 10:00 - 11:55	070 MRE	

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MEDICAL ENGINEERING							
MedE 201A	3-0-6	Principles and Design of Medical Devices	01	Tai, Y / Choo, H	MW 13:00 - 14:25	080 MRE	G
MUSIC							
Mu 028	3-0-6	Harmony I	01	Neenan, T	MW 11:00 - 12:25	19 BAX	
Mu 138	3-0-6	History II: Music History from 1750 to 1850 <i>Maximum Enrollment: 15 students</i>	01	Neenan, T	MW 14:30 - 15:55	19 BAX	
NEUROBIOLOGY							
Bi/NB 156	3-0-6	Molecular Basis of Behavior	01	Patterson, P / Zinn, K	MWF 10:00 - 10:55	100 - Rock Auditorium BRD	
CNS/Bi/EE/CS/NB 186 4-4-4		Vision: From Computational Theory to Neuronal Mechanisms	01	Perona, P	TR 10:30 - 11:55	080 MRE	
Bi/CNS/NB 195	3-0-6	Mathematics in Biology	01	Meister, M	MW 10:00 - 11:25	3 BBB	
Bi/CNS/NB 220	2-0-4	Genetic Dissection of Neural Circuit Function <i>First Day of class is Wed, 1/08/14, 10:30-11:55 in 101 KRK. Course resumes on Thursdays starting 1/16/14.</i>	01	Anderson, D	OM,R 15:00 - 17:55	300 BRD	
PERFORMANCE AND ACTIVITIES							
PA 016B	0-3-0	Cooking Basics <i>Open by lottery only; See link on the REGIS home page to enter lottery prior to Nov 21st //Location: 400 S. Hill</i>	01	Staff	R 18:30 - 21:25	A	P
PA 030B	0-3-0	Guitar <i>Sec 1: Beginning Guitar / Sec 2: Intermediate Guitar / Sec 3: Advanced Guitar</i>	01 02 03	Elgart, M Elgart, M Elgart, M	T 16:30 - 17:25 T 15:30 - 16:25 T 17:30 - 18:25	Library AVE Library AVE Library AVE	P P P
PA 031B	0-3-0	Chamber Music <i>Sec 1: Mixed Ensembles // Sec 2: Piano four-hands // Sec 3: Guitar Ensemble</i>	01 02	Bing, D Ward, R	OM,A OM,A	A A	P P P

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PERFORMANCE AND ACTIVITIES							
PA 031B	0-3-0	Chamber Music <i>Sec 1: Mixed Ensembles // Sec 2: Piano four-hands // Sec 3: Guitar Ensemble</i>	03	Elgart, M	OM,A	A	P
PA 032B	0-3-0	Symphony Orchestra	01	Gross, A	T 19:30 - 22:15	Thorne Hall OCCI	P
PA 033B	0-3-0	Concert Band	01	Bing, W	R 19:30 - 21:15	Ramo Auditorium BAX	P
PA 034B	0-3-0	Jazz Band	01	Catlin, B	M 19:30 - 21:15 M 21:30 - 22:55	Ramo Auditorium BAX Ramo Auditorium BAX	P
PA 035B	0-3-0	Women's Glee Club	01	Sulahian, N	M 19:30 - 21:25 W 17:00 - 17:55	Basement BCK Basement BCK	P
PA 036B	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 037B	0-3-0	Chamber Singers	01	Sulahian, N	A	A	P
PA 040B	2-0-1	Theater Arts	01	Brophy, B	T 19:30 - 22:00	Garage TCT	P
PA 061B	0-3-0	Silkscreen and Silk Painting	01	Barry, J	M 19:00 - 21:55	Garage TCT	P
PA 062B	0-3-0	Drawing and Painting	01	Barry, J	T 19:00 - 21:55	Garage TCT	P
PA 063B	0-3-0	Ceramics	01	Freed, S	W 19:00 - 22:00	Ceramic Room POLY	P
PHILOSOPHY							
Hum/PI 008	3-0-6	Right and Wrong <i>Attendance at the first class meeting is required // Maximum enrollment: 15 students per section</i>	01 02	Cowie, F Cowie, F	M 19:00 - 21:55 T 19:00 - 21:55	117 DAB 117 DAB	

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PHILOSOPHY							
Hum/PI 009	3-0-6	Knowledge and Reality <i>Attendance at first class meeting is required.//Maximum Enrollment: 15 students per section/</i>	01	Manning, G	TR 09:00 - 10:25	128 BAX	
			02	Manning, G	TR 14:30 - 15:55	128 BAX	
PI 090B	1-0-8	Senior Thesis	01	Staff	A	A	
HPS/PI 121	3-0-6	Causation and Explanation <i>Maximum enrollment: 15 students</i>	01	Eberhardt, F	TR 10:30 - 11:55	TR DAB	G
HPS/PI 135	3-0-6	Moral Philosophy and the Brain <i>Maximum enrollment: 15 students</i>	01	Quartz, S	T 13:00 - 15:55	115 DAB	
PI 150	3-0-6	17th-Century Philosophy: Bacon to Leibniz <i>Maximum enrollment: 15 students</i>	01	Manning, G	W 09:00 - 11:55	117 DAB	
PHYSICAL EDUCATION							
PE 001	3-0-0	Student Designed Fitness	01	Uribe, R / Carter, J	MW 13:30 - 14:55	BAC	P
PE 002	3-0-0	Healthier Living	01	Levin, J	MW 14:30 - 15:55	BAC	P
PE 005	3-0-0	Beginning Running - Half Marathon Training	01	Marbut, S	MW 11:00 - 12:25	BAC	P
PE 006	3-0-0	Core Training, Beginning/Intermediate	01	Mark, M	MW 10:00 - 11:25	BAC	P
PE 007	3-0-0	Speed and Agility Training, Intermediate/Advanced	01	Stevenson, M	TR 10:30 - 11:55	BAC	P
PE 008	3-0-0	Fitness Training, Beginning	01	Morgan, H / Alway, S	TR 13:00 - 14:25	BAC	P
PE 010	3-0-0	Aerobic Dance	01	Waterman, D	MW 19:00 - 20:25	BAC	P

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PHYSICAL EDUCATION							
PE 020	3-0-0	Fencing, Beginning and Intermediate/Advanced	01	Corbit, C	TR 14:30 - 15:55	BRW	P
PE 024	3-0-0	Yoga, Beginning	01	Flynn, K / Alvarado-Orozco, J	TR 20:00 - 21:25	BAC	P
PE 036	3-0-0	Swimming, Beginning/Intermediate and Advanced	01	Beemer, P	TR 13:00 - 14:25	Pool BRW	P
PE 048	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 054	3-0-0	Racquetball, Beginning and Intermediate/Advanced	01	Leavitt, J	MW 10:00 - 11:25	BAC	P
PE 056	3-0-0	Squash, Beginning, Intermediate, Advanced	01	Bresanello, S	MW 14:00 - 15:25	BAC	P
PE 060	3-0-0	Tennis, Beginning, Intermediate, and Advanced	01	Uribe, R	MW 13:00 - 14:25	TCT BAC	P
PE 070	3-0-0	Weight Training, Beginning/Intermediate	01	Uribe, R / Beemer, P	MW 11:00 - 12:25	BAC	P
PE 077	3-0-0	Volleyball; Beginning, Intermediate, and Advanced <i>Class cancelled</i>	01	Staff	MW 09:00 - 10:25	BAC	P
PE 080B	1-1-1	Health Advocates	01	Stapf, M	W 19:00 - 21:55	YHC	P
PE 082	3-0-0	Rock Climbing, Beginning and Intermediate	01	Hamilton, D	T 18:00 - 21:55	BAC	P
PE 083B	3-0-0	Intercollegiate Basketball Team (Women)	01	Marbut, S	MTWRFS 16:00 - 17:55	BAC	P
PE 085A	3-0-0	Intercollegiate Track and Field Team (Men and Women)	01	Stevenson, M	MTWRFS 16:00 - 17:55	BAC	P
PE 087B	3-0-0	Intercollegiate Swimming Team (Men and Women)	01	Leavitt, J	MTWRFS 16:00 - 17:55	POOL BRN	P

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PHYSICAL EDUCATION							
PE 089B	3-0-0	Intercollegiate Fencing Team (Men and Women)	01	Corbit, C	MTWRFS 16:00 - 17:55	BRW	P
PE 090B	3-0-0	Intercollegiate Water Polo Team (Men and Women)	01	Beemer, P	MTWRFS 16:00 - 17:55	POOL BAC	P
PE 091B	3-0-0	Intercollegiate Basketball Team (Men)	01	Eslinger, O	MTWRFS 16:00 - 17:55	BAC	P
PE 093A	3-0-0	Intercollegiate Baseball Team (Men)	01	Mark, M	MTWRFS 16:00 - 17:55	BAC	P
PE 095A	3-0-0	Intercollegiate Tennis Team (Men)	01	Gamble, M	MTWRFS 16:00 - 17:55	TCT BAC	P
PE 096A	3-0-0	Intercollegiate Tennis Team (Women)	01	Gamble, M	MTWRFS 16:00 - 17:55	TCT BAC	P
PHYSICS							
Ph 001B	4-0-5	Classical Mechanics and Electromagnetism <i>Practical Track- Sections 1-5 // Analytical Track - Sections 6-10//Maximum Enrollment: 35 students per section</i>	01	Filippone, B	F 15:00 - 15:55	201 BRG	P
					MWR 13:00 - 13:55	119 DWN	
			02	Filippone, B	F 15:00 - 15:55	201 BRG	P
					MR 15:00 - 15:55	11 DWN	
					W 11:00 - 11:55	11 DWN	
			03	Filippone, B	F 15:00 - 15:55	201 BRG	P
					MWR 15:00 - 15:55	103 DWN	
			04	Filippone, B	F 15:00 - 15:55	201 BRG	P
		MR 15:00 - 15:55	27 GTS				
		W 11:00 - 11:55	27 GTS				
05	Filippone, B	F 15:00 - 15:55	201 BRG	P			
		MWR 15:00 - 15:55	57 BRG				
06	Harrison, F	WF 11:00 - 11:55	201 BRG	P			
		MR 15:00 - 15:55	119 KRK				
07	Harrison, F	WF 11:00 - 11:55	201 BRG	P			
		MR 13:00 - 13:55	142 KCK				
08	Harrison, F	WF 11:00 - 11:55	201 BRG	P			

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PHYSICS							
Ph 001B	4-0-5	Classical Mechanics and Electromagnetism <i>Practical Track- Sections 1-5 // Analytical Track - Sections 6-10//Maximum Enrollment: 35 students per section</i>	08	Harrison, F	MR 15:00 - 15:55	102 STL	P
			09	Harrison, F	WF 11:00 - 11:55	201 BRG	P
			10	Harrison, F	MR 13:00 - 13:55	22 GTS	P
					WF 11:00 - 11:55	201 BRG	P
MR 15:00 - 15:55	119 DWN						
Ph 002B	4-0-5	Waves, Quantum Mechanics, and Statistical Physics <i>Maximum enrollment: 35 students per section</i>	01	Martin, C / Cheung, C	TR 11:00 - 11:55	201 BRG	G
			02	Martin, C / Cheung, C	WF 09:00 - 09:55	11 DWN	
					TR 11:00 - 11:55	201 BRG	G
			03	Martin, C / Cheung, C	WF 11:00 - 11:55	103 DWN	
					TR 11:00 - 11:55	201 BRG	G
			04	Martin, C / Cheung, C	WF 14:00 - 14:55	103 DWN	
					TR 11:00 - 11:55	201 BRG	G
			05	Martin, C / Cheung, C	WF 13:00 - 13:55	102 STL	
TR 11:00 - 11:55	201 BRG	G					
06	Martin, C / Cheung, C	WF 13:00 - 13:55	11 DWN				
		TR 11:00 - 11:55	201 BRG	G			
07	Martin, C / Cheung, C	WF 15:00 - 15:55	11 DWN				
		TR 11:00 - 11:55	201 BRG	G			
WF 15:00 - 15:55	107 DWN						
Ph 003	0-3-3	Physics Laboratory <i>Graded P/F, letter grades by petition only</i>	01	Libbrecht, K / Black, E	W 13:00 - 15:55	201 BRG	P
			02	Libbrecht, K / Black, E	R 13:00 - 15:55	201 BRG	P
			03	Libbrecht, K / Black, E	F 13:00 - 15:55	201 BRG	P
Ph 006	0-9-0	Physics Laboratory	01	Rice, F / Politzer, H	OM,T 15:00 - 15:55	201 BRG	
Ph 008B	0-3-0	Experiments in Electromagnetism <i>Enrollment after the online registration period will require permission of the instructor //Maximum enrollment: 35 students</i>	01	Pine, J	OM,M 15:00 - 15:55	201 BRG	P
FS/Ph 011B	2-0-4	Freshman Seminar: Research Tutorial	01	Tombrello, T	A	201 SLN	P

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PHYSICS							
Ph 012B	4-0-5	Waves, Quantum Physics, and Statistical Mechanics	01	Weinstein, A	TR 10:30 - 11:55	269 LAU	G
Ph 020	0-6-0	Computational Physics Laboratory I	01	Mach, C / Prince, T	OM,M 15:00 - 15:55	304 BRG	P
Ph 021	0-6-0	Computational Physics Laboratory II	01	Mach, C / Prince, T	OM,M 15:00 - 15:55	304 BRG	P
Ph 022	0-6-0	Computational Physics Laboratory III	01	Mach, C / Prince, T	OM,M 15:00 - 15:55	304 BRG	P
Ph 050B	1-0-3	Caltech Physics League	01	Refael, G	A	A	
Ph 077A	0-5-4	Advanced Physics Laboratory	01	Black, E / Libbrecht, K	OM,M 15:00 - 15:55	210 BRG	
Ph 077B	0-5-4	Advanced Physics Laboratory	01	Black, E / Libbrecht, K	OM,M 15:00 - 15:55	210 BRG	
Ph 077C	0-5-4	Advanced Physics Laboratory	01	Black, E / Libbrecht, K	OM,M 15:00 - 15:55	210 BRG	
Ph 078B	+	Senior Thesis Experimental	01	Stone, E	A	A	P
Ph 079B	+	Senior Thesis Theoretical	01	Stone, E	A	A	P
Ph 106B	3-0-6	Topics in Classical Physics	01	Cross, M / Golwala, S	TR 10:30 - 11:55	107 DWN	
APh/Ph 115	3-0-9	Physics of Momentum Transport in Hydrodynamic Systems <i>Make-up classes/movies Fridays 104 Watson 1-2:25pm</i>	01	Troian, S	TR 13:00 - 14:25	104 WAT	
Ph/APh/EE/BE 118B	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	

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PHYSICS							
Ph 125B	3-0-6	Quantum Mechanics	01	Wise, M	MWF 10:00 - 10:55	107 DWN	
Ph 127B	3-0-6	Statistical Physics	01	Motrunich, O	TR 13:00 - 14:25	107 DWN	
Ph 129B	3-0-6	Mathematical Methods of Physics	01	Porter, F	TR 09:00 - 10:25	103 DWN	
Ph 171	+	Reading and Independent Study	01	Wilson, R	A	A	P
			02	Carroll, S	A	A	P
			03	Cross, M	A	A	P
			04	Refael, G	A	A	P
			05	Kapustin, A	A	A	P
			06	Yeh, N	A	A	P
			07	Wise, M	A	A	P
			08	Schwarz, J	A	A	P
			09	Phinney, E	A	A	P
			10	Motrunich, O	A	A	P
			11	Phillips, R	A	A	P
			12	Simon, B	A	A	P
			13	Cheung, C	A	A	P
			14	Troian, S	A	A	P
			19	Libbrecht, K	A	A	P
			22	Gukov, S	A	A	P
			24	Oguri, H	A	A	P
			28	Politzer, H	A	A	P
			29	Porter, F	A	A	P
			30	Preskill, J	A	A	P
			39	Thorne, K	A	A	P
			40	Weinstein, A	A	A	P
			41	Golwala, S	A	A	P
			42	Alicea, J	A	A	P
Ph 172	+	Research in Experimental Physics	01	Okumura, M	A	A	P
			02	Patterson, R	A	A	P

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PHYSICS							
Ph 172	+	Research in Experimental Physics	03	Flagan, R	A	A	P
			04	Bellan, P	A	A	P
			05	Eisenstein, J	A	A	P
			06	Filippone, B	A	A	P
			07	Scherer, A	A	A	P
			08	Readhead, A	A	A	P
			09	Fraser, S	A	A	P
			10	Adhikari, R	A	A	P
			11	Harrison, F	A	A	P
			12	Hitlin, D	A	A	P
			13	Pine, J	A	A	P
			14	Heath, J	A	A	P
			15	Painter, O	A	A	P
			16	Kimble, H	A	A	P
			17	Prince, T	A	A	P
			18	Troian, S	A	A	P
			19	Libbrecht, K	A	A	P
			20	Bock, J	A	A	P
			21	Martin, C	A	A	P
			22	Atwater, H	A	A	P
			23	Ellis, R	A	A	P
			24	Stone, E	A	A	P
			25	Hsieh, D	A	A	P
			29	Porter, F	A	A	P
			30	Winfrey, E	A	A	P
			34	Roukes, M	A	A	P
			41	Phillips, R	A	A	P
			42	Weinstein, A	A	A	P
			44	Yeh, N	A	A	P
45	Hoffmann, M	A	A	P			
46	Zmuidzinas, J	A	A	P			
48	Zewail, A	A	A	P			
49	Newman, H	A	A	P			

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PHYSICS							
Ph 172	+	Research in Experimental Physics	50	Golwala, S	A	A	P
			51	Spiropulu, M	A	A	P
			52	Schwab, K	A	A	P
			53	Haile, S	A	A	P
Ph 173	+	Research in Theoretical Physics	02	Filippone, B	A	A	P
			03	Refael, G	A	A	P
			04	Goddard, W	A	A	P
			05	Carroll, S	A	A	P
			06	Marcus, R	A	A	P
			07	Alicea, J	A	A	P
			08	Chen, Y	A	A	P
			09	Cross, M	A	A	P
			10	Gukov, S	A	A	P
			11	Simon, B	A	A	P
			12	Ott, C	A	A	P
			13	Zewail, A	A	A	P
			14	Cheung, C	A	A	P
			15	Kapustin, A	A	A	P
			16	Schwarz, J	A	A	P
			17	Prince, T	A	A	P
			18	Hirata, C	A	A	P
			19	Motrunich, O	A	A	P
			20	Atwater, H	A	A	P
			21	Scheel, M	A	A	P
			22	Hopkins, P	A	A	P
			23	Troian, S	A	A	P
			24	Oguri, H	A	A	P
			25	Phinney, E	A	A	P
			30	Preskill, J	A	A	P
			33	Kitaev, A	A	A	P
39	Thorne, K	A	A	P			
43	Wise, M	A	A	P			
50	Phillips, R	A	A	P			

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PHYSICS							
Ph 173	+	Research in Theoretical Physics	51	Porter, F	A	A	P
			52	Scheel, M	A	A	P
Ph 205B	3-0-6	Relativistic Quantum Mechanics	01	Kapustin, A	MW 10:30 - 11:55	269 LAU	
Ph/CS 219B	3-0-6	Quantum Computation	01	Kitaev, A / Preskill, J	MW 14:30 - 15:55	269 LAU	
Ph/APh 223B	3-0-6	Advanced Condensed-Matter Physics	01	Yeh, N	MW 11:00 - 12:25	107 DWN	
Ph 230B	3-0-6	Elementary Particle Theory	01	Gukov, S	MW 09:00 - 10:25	469 LAU	
Ph 236B	3-0-6	Relativity	01	Chen, Y / Adhikari, R	MW 13:00 - 14:25	107 DWN	
Ph 242B	2-0-1	Physics Seminar	01	Stone, E	F 12:00 - 13:55	114 BRG	P
Ph 300	+	Thesis Research	01	Adhikari, R	A	A	P
			02	Desbrun, M	A	A	P
			03	Cross, M	A	A	P
			04	Zmuidzinas, J	A	A	P
			05	Eisenstein, J	A	A	P
			06	Filippone, B	A	A	P
			07	Harrison, F	A	A	P
			08	Phillips, T	A	A	P
			09	Daraio, C	A	A	P
			10	Barish, B	A	A	P
			11	Golwala, S	A	A	P
			12	Hitlin, D	A	A	P
			13	Martin, C	A	A	P
			14	Goddard, W	A	A	P
			15	Kapustin, A	A	A	P
			16	Kimble, H	A	A	P
			17	Lester, H	A	A	P

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PHYSICS							
Ph 300	+	Thesis Research	18	Readhead, A	A	A	P
			19	Weinstein, A	A	A	P
			20	Libbrecht, K	A	A	P
			23	McKeown, R	A	A	P
			24	Newman, H	A	A	P
			25	Oguri, H	A	A	P
			26	Ellis, R	A	A	P
			27	Phillips, R	A	A	P
			28	Pine, J	A	A	P
			29	Kitaev, A	A	A	P
			30	Porter, F	A	A	P
			31	Preskill, J	A	A	P
			32	Marcolli, M	A	A	P
			33	Wilson, R	A	A	P
			34	Bellan, P	A	A	P
			35	Roukes, M	A	A	P
			36	Refael, G	A	A	P
			37	Schwarz, J	A	A	P
			38	Atwater, H	A	A	P
			39	Stone, E	A	A	P
			40	Painter, O	A	A	P
			41	Zewail, A	A	A	P
			42	Marcus, R	A	A	P
			43	Wise, M	A	A	P
			44	Yeh, N	A	A	P
			45	Gharib, M	A	A	P
			46	Prince, T	A	A	P
			47	Kennedy, M	A	A	P
			48	Thorne, K	A	A	P
			50	Chen, Y	A	A	P
			51	Spiropulu, M	A	A	P
			52	Gukov, S	A	A	P
			53	Fraser, S	A	A	P

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PHYSICS							
Ph 300	+	Thesis Research	54	Phinney, E	A	A	P
			55	Heath, J	A	A	P
			58	Ott, C	A	A	P
			59	Winfrey, E	A	A	P
			60	Schwab, K	A	A	P
			61	Motrunich, O	A	A	P
			62	Bock, J	A	A	P
			63	Carroll, S	A	A	P
POLITICAL SCIENCE							
PS 097	+	Undergraduate Research	01	Alvarez, R	A	A	P
PS 099B	3-0-6	Political Science Research Seminar	01	Ordeshook, P	A	A	
			02	Kiewiet, D	A	A	
PS 123	3-0-6	Regulation and Politics <i>Maximum enrollment: 55 students</i>	01	Kiewiet, D	TR 14:30 - 15:55	25 BAX	G
PS/SS 139	3-0-6	Comparative Politics <i>Maximum enrollment: 55 students</i>	01	Ordeshook, P	TR 10:30 - 11:55	25 BAX	G
Law/PS/H 148A	3-0-6	The Supreme Court in U.S. History <i>Maximum enrollment: 30 students</i>	01	Kousser, J	T 19:30 - 22:25	128 BAX	G
Ec/PS 160B	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260// Completion of Ec/PS 160A required for b and c classes //Max of 10 students for both Ec 160 & SS 260</i>	01	Plott, C	TR 09:00 - 10:25	127 BAX	G
PS/Ec 172	3-0-6	Game Theory	01	Elliott, M	TR 09:00 - 10:25	Lecture Hall BAX	G
Ec/PS 190	+	Undergraduate Research	01	Kiewiet, D	A	A	P
			02	Ensminger, J	A	A	P
			03	Plott, C	A	A	P
			04	Border, K	A	A	P
			05	Rangel, A	A	A	P

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POLITICAL SCIENCE							
Ec/PS 190	+	Undergraduate Research	06	Ledyard, J	A	A	P
			07	Alvarez, R	A	A	P
			08	Camerer, C	A	A	P
			09	Sherman, R	A	A	P
PSYCHOLOGY							
Psy020	3-0-6	Introduction to Cognitive Psychology <i>Open by lottery before term start; See link on the REGIS home page to enter the lottery //</i> <i>Maximum enrollment: 40 students</i>	01	Pauli, W	T 19:00 - 20:25 R 10:30 - 11:55	102 STL 102 STL	G
Psy/CNS 105B	1.5-0-3.5	Frontiers in Neuroeconomics	01	O'Doherty, J	M 14:30 - 15:55	33 BAX	G
SOCIAL SCIENCE							
BEM/Ec/SS 020	2-0-4	Scientific Writing and Oral Presentation in the Social Sciences <i>Maximum enrollment: 15 students</i>	01	Yariv, L / Daley, C	T 13:00 - 14:55	228 BAX	G
SS 098	+	Reading in Social Science	01	Allman, J	A	A	P
Ec/SS 124	3-0-6	Identification Problems in the Social Sciences	01	Sherman, R	TR 10:30 - 11:55	127 BAX	
PS/SS 139	3-0-6	Comparative Politics <i>Maximum enrollment: 55 students</i>	01	Ordeshook, P	TR 10:30 - 11:55	25 BAX	G
SS 201B	3-0-6	Analytical Foundations of Social Science <i>Open to Social Science graduate students only</i>	01	Elliott, M	TR 13:00 - 14:25	128 BAX	G
SS 202B	3-0-6	Political Theory <i>Open to Social Science graduate students only //</i> <i>Maximum enrollment: 5 students</i>	01	Snowberg, E	MW 10:30 - 11:55	128 BAX	G
SS 205B	3-0-6	Foundations of Economics <i>Open to Social Science graduate students only.</i>	01	Echenique, F	MWF 09:00 - 09:55	228 BAX	G

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SOCIAL SCIENCE							
SS 211B	3-0-6	Advanced Economic Theory <i>Section 1 maximum enrollment: 14 students</i>	01	Saito, K	MW 14:30 - 15:55	127 BAX	G
			02	Yariv, L	TR 10:30 - 11:55	128 BAX	G
SS 222B	3-0-6	Econometrics <i>Open to graduate students only.</i>	01	Gillen, B	TR 10:30 - 11:55	125 BAX	G
SS 223B	3-0-6	Advanced Topics in Econometric Theory	01	Shum, M	MW 10:30 - 11:55	127 BAX	G
SS 229B	3-0-6	Theoretical and Quantitative Dimensions of Historical Development	01	Hoffman, P	TR 09:00 - 10:25	19 BAX	G
SS 232A	3-0-6	Historical and Comparative Perspectives in Political Analysis	01	Snowberg, E	M 19:00 - 21:55	127 BAX	G
CNS/SS 251	2-1-6	Human Brain Mapping: Theory and Practice <i>Maximum enrollment: 20 students</i>	01	O'Doherty, J	R 13:30 - 15:25	67 BRD	G
SS 260	3-3-3	Experimental Methods of Political Economy <i>Taught concurrently with Ec/PS 160B // Maximum 10 students for both Ec 160 & SS 260 //sec a required for secs b & c</i>	01	Plott, C	TR 09:00 - 10:25	127 BAX	G
SS 282B	2-0-1	Graduate Proseminar in Social Science <i>Maximum enrollment: 20 students</i>	01	Rosenthal, J	M 13:00 - 14:25	125 BAX	P
SS 300	+	Research in Social Science	01	Adolphs, R	A	A	P
			02	Palfrey, T	A	A	P
			03	Gillen, B	A	A	P
			04	O'Doherty, J	A	A	P
			05	Bossaerts, P	A	A	P
			06	Katz, J	A	A	P
			07	Kiewiet, D	A	A	P
			08	Echenique, F	A	A	P
			09	Ledyard, J	A	A	P
			10	Plott, C	A	A	P
			11	Alvarez, R	A	A	P
			12	Camerer, C	A	A	P

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SOCIAL SCIENCE							
SS 300	+	Research in Social Science	13	Border, K	A	A	P
			14	Cvitanic, J	A	A	P
			16	Rosenthal, J	A	A	P
			18	Shum, M	A	A	P
			19	Rangel, A	A	A	P
			20	Yariv, L	A	A	P
			21	Perona, P	A	A	P
			23	Hoffman, P	A	A	P
			24	O'Doherty, J	A	A	P
			25	O'Doherty, J	A	A	P
			26	Lester, H	A	A	P
STUDY ABROAD							
CAM100	36-0-0	Cambridge Scholars Program	01	Staff	A	A	P
CPH100	36-0-0	Copenhagen Scholars Program	01	Staff	A	A	P
UCL100	36-0-0	University College London Scholars Program	01	Staff	A	A	P
EDN100	36-0-0	University of Edinburgh Scholars Program	01	Staff	A	A	P
WRITING							
Wr 003	+	Reading and Composing Academic Writing <i>OM on Tuesday at 10:30</i>	01	Daley, C	A	A	P
Wr 004	1-0-2	Principles and Practices of Academic Writing	01	Hall, S	W 17:00 - 17:55	352 CSS	P
Wr 050	+	Tutorial in Writing	01	Hall, S	A	A	P