

CALIFORNIA INSTITUTE OF TECHNOLOGY
OFFICE OF THE REGISTRAR
Course Schedule FA 2015-16
PRELIMINARY
Web Address - <http://www.registrar.caltech.edu/>

KEY TO ABBREVIATIONS

LOCATIONS

ANB	Annenberg Center for Information Science and Technology	KSP	Keith Spaulding Building
ARM	Arms Laboratory of Geological Sciences	L+R	Linde + Robinson Laboratory for Global Environmental Science
AVE	Avery House	LAU	Lauritsen Physics Laboratory
BAC	Braun Athletic Center	MEAD	Undergraduate Chemistry Laboratory
BAX	Baxter Hall of Humanities and Social Services	MRE	Moore Laboratory
BBB	Beckman Laboratory of Behavioral Biology	NMD	North Mudd Building of Geological Sciences
BCK	Beckman Institute	NYS	Noyes Laboratory of Chemical Physics
BRD	Broad Center	NewMedia	NewMedia Classroom
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
CRL	Crellin Chemistry Laboratory	SAC	Student Activities Center
CSS	Center for Student Services	SCH	Schlinger Laboratory
DAB	Dabney Hall of Humanities	SFL	Sherman Fairchild Library
DWN	Downs Physics Laboratory	SLN	Sloan Laboratory of Mathematics and Physics
FIR	Firestone Flight Science Laboratory	SMD	South Mudd Building of Geophysics and Planetary Sciences
GTS	Gates Chemical Laboratory	SPL	Spalding Laboratory of Chemical Engineering
GTS/TOM	Gates-Thomas Engineering Laboratory	STL	Steele Laboratory of Electrical Engineering
GUG	Guggenheim Laboratory	TCT	Theater Arts at Caltech (TACIT)
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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AEROSPACE							
Ae 100	+	Research in Aerospace	01	Culick, F	A	A	P
			02	McKeon, B	A	A	P
			03	Dabiri, J	A	A	P
			04	Leonard, A	A	A	P
			05	Pellegrino, S	A	A	P
			06	Blanquart, G	A	A	P
			07	Shepherd, J	A	A	P
			08	Gharib, M	A	A	P
			09	Meiron, D	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	101 GUG	
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Kochmann, D	TR 09:00 - 10:25	101 GUG	G
Ae/APh 104A	3-0-6	Experimental Methods	01	McKeon, B	MWF 11:00 - 11:55	306 FIR	G
Ae 105A	3-0-6	Aerospace Engineering <i>class will meet in 202 GUG the first week of the term</i>	01	Pellegrino, S / Davis, G	TR 16:00 - 17:25	306 FIR	G
Ae 121A	3-0-6	Space Propulsion	01	Polk, J	TR 13:00 - 14:25	202 GUG	
Ae 150A	1-0-0	Aerospace Engineering Seminar	01	McKeon, B	M 13:00 - 13:55	101 GUG	P
EE/Ae 157A	3-0-6	Introduction to the Physics of Remote Sensing	01	van Zyl, J	M 14:30 - 15:55 R 13:00 - 14:25	080 MRE 106 ANB	
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>taught concurrently with Ae 102a</i>	01	Kochmann, D	TR 09:00 - 10:25	101 GUG	G
Ae/CE 165A	2-2-5	Mechanics of Composite Materials and Structures	01	Pellegrino, S	MW 14:00 - 14:55	202 GUG	
Ae 200	+	Advanced Research in Aerospace	01	Bhattacharya, K	A	A	P
			02	McKeon, B	A	A	P

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AEROSPACE										
Ae 200	+	Advanced Research in Aerospace	03	Blake, G	A	A	P			
			04	Dimotakis, P	A	A	P			
			05	Gharib, M	A	A	P			
			06	Hornung, H	A	A	P			
			07	Leonard, A	A	A	P			
			08	Daraio, C	A	A	P			
			09	Ortiz, M	A	A	P			
			10	Pellegrino, S	A	A	P			
			11	Pullin, D	A	A	P			
			12	Ravichandran, G	A	A	P			
			13	Rosakis, A	A	A	P			
			14	Dabiri, J	A	A	P			
			15	Colonus, T	A	A	P			
			16	Shepherd, J	A	A	P			
			17	Blanquart, G	A	A	P			
			18	Lapusta, N	A	A	P			
			19	Troian, S	A	A	P			
			20	Schneider, T	A	A	P			
			21	Greer, J	A	A	P			
			22	Andrade, J	A	A	P			
			23	Kochmann, D	A	A	P			
			24	Gurnis, M	A	A	P			
			25	Minnich, A	A	A	P			
			26	Johnson, J	A	A	P			
			27	Murray, R	A	A	P			
			28	Austin, J	A	A	P			
			29	Kulkarni, S	A	A	P			
			Ae 201A	3-0-6	Advanced Fluid Mechanics	01	Pullin, D	MWF 08:00 - 08:55	101 GUG	P
			Ae 204A	3-0-6	Technical Fluid Mechanics <i>class cancelled</i>	01	Staff	A	A	

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AEROSPACE							
Ae 208A	1-0-0	GALCIT Colloquium	01	Kochmann, D / Austin, J	F 15:00 - 15:55	101 GUG	P
Ae 240	+	Special Topics in Fluid Mechanics	01	McKeon, B	A	A	P
ANTHROPOLOGY							
An 023	3-0-6	Human Evolution <i>Maximum enrollment: 35 students</i>	01	Rich, E	MW 10:30 - 11:55	25 BAX	G
APPLIED & COMPUTATIONAL MATH							
ACM101A	4-0-8	Methods of Applied Mathematics I	01	Bruno, O	TR 14:30 - 16:25	070 MRE	
CMS/ACM 104	3-0-9	Linear Algebra and Applied Operator Theory	01	Tropp, J	TR 10:30 - 11:55	105 ANB	
CMS/ACM 113	3-0-6	Mathematical Optimization	01	Chandrasekaran, V	MWF 13:00 - 14:25	213 ANB	
CMS/ACM 116	3-0-6	Introduction to Stochastic Processes and Modeling	01	Owhadi, H	TR 09:00 - 10:25	105 ANB	
Ma/ACM 144A	3-0-6	Probability	01	Makarov, N	MWF 13:00 - 13:55	159 SLN	
ACM190	+	Reading and Independent Study	01	Hou, Y	A	A	P
			02	Hassibi, B	A	A	P
			03	Espanol, M	A	A	P
			04	Heaton, T	A	A	P
			05	Owhadi, H	A	A	P
			06	Desbrun, M	A	A	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

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APPLIED & COMPUTATIONAL MATH							
ACM300	+	Research in Applied and Computational Mathematics	05	Beck, J	A	A	P
			06	Meiron, D	A	A	P
			07	Pierce, N	A	A	P
			08	Schroeder, P	A	A	P
			09	Owhadi, H	A	A	P
			10	Tropp, J	A	A	P
			11	Ho, T	A	A	P
			12	Hassibi, B	A	A	P
APPLIED MECHANICS							
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Kochmann, D	TR 09:00 - 10:25	101 GUG	G
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Andrade, J	R 11:00 - 11:55	135 GTS/TOM	P
AM/CE 151A	3-0-6	Dynamics and Vibration <i>taught concurrently with ME 66</i>	01	Heaton, T	MWF 10:00 - 10:55	115 GTS/TOM	G
AM 200	+	Advanced Work in Applied Mechanics	01	Staff	A	A	P
AM 201	3-0-6	Advanced Topics in Applied Mechanics <i>class cancelled</i>	01	Staff	A	A	
AM 300	+	Research in Applied Mechanics <i>(formerly AM 250)</i>	01	Beck, J	A	A	P
			02	Bhattacharya, K	A	A	P
			03	Andrade, J	A	A	P
			04	Avouac, J	A	A	P
			05	Murray, R	A	A	P
			06	Ortiz, M	A	A	P
			07	Phillips, R	A	A	P
			08	Ravichandran, G	A	A	P
APPLIED PHYSICS							

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APPLIED PHYSICS							
APh/EE 009A	2-2-2	Solid-State Electronics for Integrated Circuits	01	Scherer, A / Potter, K	TR 13:00 - 13:55	105 ANB	
APh078A	0-9-0	Senior Thesis, Experimental	01	Painter, O	A	A	G
			02	Vahala, K	A	A	G
			03	Atwater, H	A	A	G
			04	Scherer, A	A	A	G
			05	Bellan, P	A	A	G
			06	Phillips, R	A	A	G
			07	Troian, S	A	A	G
			08	Faraon, A	A	A	G
			09	Lewis, N	A	A	G
			10	Yung, Y	A	A	G
			11	Schwab, K	A	A	G
APh079A	0-9-0	Senior Thesis, Theoretical	01	Troian, S	A	A	G
APh100	+	Advanced Work in Applied Physics	01	Phillips, R	A	A	P
			02	Vahala, K	A	A	P
			03	Scherer, A	A	A	P
			04	Troian, S	A	A	P
			05	Faraon, A	A	A	P
			06	Atwater, H	A	A	P
			07	Roukes, M	A	A	P
			08	Choo, H	A	A	P
			09	Minnich, A	A	A	P
			10	Painter, O	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	101 GUG	
Ae/APh 104A	3-0-6	Experimental Methods	01	McKeon, B	MWF 11:00 - 11:55	306 FIR	G
APh/MS 105A	3-0-6	States of Matter	01	Johnson, W	MW 13:00 - 14:25	104 WAT	G

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APPLIED PHYSICS							
APh109	0-6-3	Introduction to the Micro/Nanofabrication Lab	01	Trojan, S / Ghaffari, A	R 19:00 - 19:55	104 WAT	
APh110	2-0-0	Topics in Applied Physics	01	Bellan, P	M 12:00 - 12:55	104 WAT	P
APh114A	3-0-6	Solid-State Physics	01	Schwab, K	MWF 09:00 - 09:55	104 WAT	
Ph/APh/EE/BE 118A	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	
MS/APh 122	0-4-5	Diffraction, Imaging, and Structure	01	Garland, C	OM,T 13:00 - 13:55	042 KCK	
APh/EE 130	3-0-6	Electromagnetic Theory	01	Crosignani, B	TR 09:00 - 10:25	106 ANB	
APh150	+	Topics in Applied Physics: Quantum Devices <i>class cancelled</i>	01	Staff	A	A	
APh156A	3-0-6	Plasma Physics <i>Make-up class on Fridays, 2:30-4pm in 104 Watson</i>	01	Bellan, P	MW 14:30 - 15:55	104 WAT	G
EE/APh 180	3-0-3	Nanotechnology	01	Scherer, A	TR 14:30 - 15:55	105 ANB	
APh190A	3-0-6	Quantum Electronics <i>class cancelled</i>	01	Staff	A	A	
APh200	+	Applied Physics Research	01	Atwater, H	A	A	P
			02	Desbrun, M	A	A	P
			03	Bellan, P	A	A	P
			04	Snyder, G	A	A	P
			05	Trojan, S	A	A	P
			06	Fultz, B	A	A	P
			07	Johnson, W	A	A	P
			08	Chen, Y	A	A	P
			09	Minnich, A	A	A	P

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APh200	+	Applied Physics Research	10	Refael, G	A	A	P
			11	Goddard, W	A	A	P
			12	Faraon, A	A	A	P
			13	Hsieh, D	A	A	P
			14	Preskill, J	A	A	P
			15	Faraon, A	A	A	P
			16	Yang, C	A	A	P
			17	Alicea, J	A	A	P
			18	Gharib, M	A	A	P
			19	Bernardi, M	A	A	P
			20	Painter, O	A	A	P
			21	Phillips, R	A	A	P
			24	Roukes, M	A	A	P
			26	Scherer, A	A	A	P
			30	Heath, J	A	A	P
			31	Vahala, K	A	A	P
			32	Yariv, A	A	A	P
33	Motrunich, O	A	A	P			
41	Schwab, K	A	A	P			
42	Lewis, N	A	A	P			
APh300	+	Thesis Research in Applied Physics	01	Atwater, H	A	A	P
			02	Fultz, B	A	A	P
			03	Bellan, P	A	A	P
			04	Snyder, G	A	A	P
			05	Yariv, A	A	A	P
			06	Johnson, W	A	A	P
			07	Flagan, R	A	A	P
			08	Troian, S	A	A	P
			09	Painter, O	A	A	P
			10	Desbrun, M	A	A	P
			11	Hsieh, D	A	A	P
			12	Faraon, A	A	A	P
			13	Bhattacharya, K	A	A	P

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APPLIED PHYSICS							
APh300	+	Thesis Research in Applied Physics	14	Faber, K	A	A	P
			15	Phillips, R	A	A	P
			16	Daraio, C	A	A	P
			18	Roukes, M	A	A	P
			20	Scherer, A	A	A	P
			24	Vahala, K	A	A	P
			27	Painter, O	A	A	P
			28	Schwab, K	A	A	P
			29	Chen, Y	A	A	P
ART HISTORY							
Art169	3-0-6	The Arts of Dynastic China <i>Maximum enrollment: 20 students</i>	01	Wolfgram, J	MW 11:30 - 12:55	127 BAX	G
ASTROPHYSICS							
Ay 020	3-1-6	Basic Astronomy and the Galaxy	01	Hillenbrand, L	MW 09:00 - 09:55 F 14:00 - 14:55	219 CHL 219 CHL	
Ay 043	+	Reading in Astronomy and Astrophysics	01	Scoville, N	A	A	P
Ay 078A	9-0-0	Senior Thesis	01	Steidel, C	A	A	
			02	Hillenbrand, L	A	A	
			03	Prince, T	A	A	
			04	Ellis, R	A	A	
			05	Cohen, J	A	A	
			06	Hopkins, P	A	A	
			07	Readhead, A	A	A	
			08	Scoville, N	A	A	
			09	Ott, C	A	A	
			10	Martin, C	A	A	
			11	Harrison, F	A	A	
			12	Hallinan, G	A	A	
			13	Phinney, E	A	A	

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ASTROPHYSICS							
Ay 078A	9-0-0	Senior Thesis	14	Knutson, H	A	A	
			15	Mawet, D	A	A	
			16	Kirby, E	A	A	
			17	Kasliwal, M	A	A	
			18	Djorgovski, S	A	A	
Ay 101	3-2-6	Physics of Stars	01	Cohen, J	M 16:00 - 16:55	211 CHL	
					W 09:00 - 09:55	211 CHL	
					F 14:00 - 14:55	211 CHL	
Ay 111A	3-0-0	Introduction to Current Astrophysics Research	01	Hallinan, G	M 13:00 - 13:55	219 CHL	
Ay 121	3-0-6	Radiative Processes	01	Hallinan, G / Kirby, E	TR 16:00 - 17:25	219 CHL	
Ay 122A	3-0-6	Astronomical Measurements and Instrumentation	01	Steidel, C / Mawet, D	MW 10:30 - 11:55	219 CHL	
Ge/Ay 133	3-0-6	The Formation and Evolution of Planetary Systems <i>class cancelled, to be offered Spring 2016</i>	01	Staff	A	A	
Ay 141A	1-0-2	Research Conference in Astronomy	01	Kirby, E / Phinney, E	F 16:15 - 17:15	370 CHL	P
Ay 142	+	Research in Astronomy and Astrophysics	02	Martin, C	A	A	P
			03	Brown, M	A	A	P
			04	Hirata, C	A	A	P
			05	Hopkins, P	A	A	P
			06	Djorgovski, S	A	A	P
			07	Ellis, R	A	A	P
			08	Hillenbrand, L	A	A	P
			09	Kirby, E	A	A	P
			10	Kulkarni, S	A	A	P
			11	Scoville, N	A	A	P
			12	Hallinan, G	A	A	P
			13	Ott, C	A	A	P

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ASTROPHYSICS							
Ay 142	+	Research in Astronomy and Astrophysics	14	Prince, T	A	A	P
			15	Dore, O	A	A	P
			17	Sargent, A	A	A	P
			19	Stevenson, D	A	A	P
			21	Steidel, C	A	A	P
			22	Cohen, J	A	A	P
			25	Blake, G	A	A	P
			26	Soifer, B	A	A	P
			27	Zmuidzinas, J	A	A	P
			28	Johnson, J	A	A	P
			29	Harrison, F	A	A	P
			30	Phinney, E	A	A	P
			31	Knutson, H	A	A	P
32	Kasliwal, M	A	A	P			
Ay 143	+	Reading and Independent Study	01	Steidel, C	A	A	P
			02	Hallinan, G	A	A	P
			03	Hopkins, P	A	A	P
			04	Kulkarni, S	A	A	P
BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB/Bi/Ch 170	3-0-6	Biochemistry and Biophysics of Macromolecules and Molecular Assemblies	01	Clemons, W	TR 10:30 - 11:55	151 CRL	G
BMB/Ch 178	3-0-6	Macromolecular Function: Kinetics, Energetics, and Mechanisms	01	Shan, S	WF 10:30 - 11:55	101 SCH	
BMB/Ch 202A	1-0-0	Biochemistry Seminar Course <i>Most sessions will take place on Thursdays. Specific dates TBA and will coincide with the dates of the Biochemistry Seminars. Students will meet with the Biochemistry seminar speaker in the discussion session for an hour and then attend the seminar at 4pm.</i>	01	Clemons, W	R 12:00 - 12:55	370 BRN	P

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BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
Bi/BMB 251A	1-0-0	Current Research in Cellular and Molecular Biology <i>location was previously known as 24 BBB</i>	01	Hay, B	W 12:00 - 12:55	119 KRK	P
BMB299	+	Graduate Research	01	Arnold, F	A	A	P
			02	Bjorkman, P	A	A	P
			03	Hoelz, A	A	A	P
			04	Campbell, J	A	A	P
			05	Phillips, R	A	A	P
			06	Davidson, E	A	A	P
			07	Dervan, P	A	A	P
			08	Dougherty, D	A	A	P
			09	Fraser, S	A	A	P
			10	Goddard, W	A	A	P
			11	Hsieh-Wilson, L	A	A	P
			12	Jensen, G	A	A	P
			13	Baltimore, D	A	A	P
			14	Davis, M	A	A	P
			15	Mayo, S	A	A	P
			16	Parker, C	A	A	P
			17	Hay, B	A	A	P
			18	Leadbetter, J	A	A	P
			19	Chan, D	A	A	P
			20	Cai, L	A	A	P
			21	Newman, D	A	A	P
			22	Kennedy, M	A	A	P
			23	Elowitz, M	A	A	P
			24	Patterson, P	A	A	P
			25	Lester, H	A	A	P
			26	Sternberg, P	A	A	P
			27	Meyerowitz, E	A	A	P
			28	Shan, S	A	A	P
			29	Wold, B	A	A	P
			30	Dunphy, W	A	A	P

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BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB299	+	Graduate Research	31	Heath, J	A	A	P
			32	Gray, H	A	A	P
			33	Gharib, M	A	A	P
			34	Rees, D	A	A	P
			35	Tirrell, D	A	A	P
			36	Barton, J	A	A	P
			37	Clemons, W	A	A	P
			38	Leadbetter, J	A	A	P
			39	Murray, R	A	A	P
			40	Mazmanian, S	A	A	P
			41	Baltimore, D	A	A	P
			42	Wang, Z	A	A	P
			43	Pierce, N	A	A	P
			44	Roukes, M	A	A	P
			45	Gray, H	A	A	P
			46	Varshavsky, A	A	A	P
			47	Goentoro, L	A	A	P
			48	Greer, J	A	A	P
			49	Anderson, D	A	A	P
			50	Hoelz, A	A	A	P
			51	Deshaies, R	A	A	P
			52	Rothenberg, E	A	A	P
			53	Meister, M	A	A	P
			54	Shapiro, M	A	A	P
			55	Ismagilov, R	A	A	P
			56	Miller, T	A	A	P
			57	Guttman, M	A	A	P
BIOENGINEERING							
Bi/BE 024	3-0-3	Technical Communication for Biological Scientists and Engineers <i>This class is limited to 20 seniors with priority given to seniors in Biology and Bioengineering.</i>	01	Anderson, B	TR 10:30 - 11:55	101 KRK	

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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>	01	Arnold, F	A	A	P			
			02	Davidson, E	A	A	P			
			03	Burdick, J	A	A	P			
			04	Sternberg, P	A	A	P			
			05	Kennedy, M	A	A	P			
			06	Shan, S	A	A	P			
			07	Gharib, M	A	A	P			
			08	Hajimiri, S	A	A	P			
			09	Heath, J	A	A	P			
			10	Lester, H	A	A	P			
			11	Gradinaru, V	A	A	P			
			12	Pierce, N	A	A	P			
			13	Mayo, S	A	A	P			
			14	Ponce, A	A	A	P			
			15	Yue, Y	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			
			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	Shimojo, S	A	A	P			
			33	Dervan, P	A	A	P			
			34	Guttman, M	A	A	P			
			35	Bjorkman, P	A	A	P			
			BE/Bi 103	1-3-5	Data Analysis in the Biological Sciences	01	Bois, J	M 13:00 - 15:55 W 10:00 - 10:55	328 SFL 100 - Rock Auditorium BRD	

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BIOENGINEERING							
BE 200	+	Research in Bioengineering	19	Tirrell, D	A	A	P
			20	Yang, C	A	A	P
			21	Baltimore, D	A	A	P
			22	Guttman, M	A	A	P
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			25	Kornfield, J	A	A	P
			26	Leadbetter, J	A	A	P
			27	Winfrey, E	A	A	P
			28	Meister, M	A	A	P
			30	Shimojo, S	A	A	P
			31	Shapiro, M	A	A	P
			32	Sternberg, P	A	A	P
			33	Rothmund, P	A	A	P
			34	Shapiro, B	A	A	P
			35	Goentoro, L	A	A	P
			36	Andersen, R	A	A	P
			37	Qian, L	A	A	P
			39	Mayo, S	A	A	P
BE/Bi/NB 203	6-0-0	Introduction to Programming for the Biological Sciences Bootcamp <i>taught 9/14 - 9/18/15, Monday - Friday, 9am-10pm, and half day on Saturday 9/19/15 in Annenberg Auditorium</i>	01	Bois, J / Guttman, M	A	A	P
BIOLOGY							
Bi 002	1-0-2	Current Research in Biology	01	Elowitz, M	T 12:00 - 12:55	119 KRK	P
FS/Bi 013	2-0-4	Freshman Seminar: In Search of Memory <i>Maximum enrollment: 12 students</i>	01	Pine, J	W 16:00 - 17:25	248 LAU	P
Bi 022	+	Undergraduate Research	01	Adolphs, R	A	A	P
			02	Bronner Hansen, M	A	A	P

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BIOLOGY							
Bi 022	+	Undergraduate Research	03	Allman, J	A	A	P
			04	Campbell, J	A	A	P
			05	Lester, H	A	A	P
			06	Bjorkman, P	A	A	P
			07	Arnold, F	A	A	P
			08	Rothenberg, E	A	A	P
			09	Varshavsky, A	A	A	P
			10	Sternberg, P	A	A	P
			11	Fraser, S	A	A	P
			12	Meyerowitz, E	A	A	P
			13	Kennedy, M	A	A	P
			14	Mazmanian, S	A	A	P
			15	Winfree, E	A	A	P
			16	Leadbetter, J	A	A	P
			17	Orphan, V	A	A	P
			22	Patterson, P	A	A	P
			24	Wold, B	A	A	P
			32	Goddard, W	A	A	P
			33	Elowitz, M	A	A	P
			37	Stathopoulos, A	A	A	P
			38	Chan, D	A	A	P
			39	Stevenson, D	A	A	P
			40	Parker, C	A	A	P
			41	Hay, B	A	A	P
			43	Shimojo, S	A	A	P
			44	Sauka-Spengler, T	A	A	P
			45	Clemons, W	A	A	P
			46	Baltimore, D	A	A	P
			47	Tirrell, D	A	A	P
			48	Anderson, D	A	A	P
			51	Dabiri, J	A	A	P
			52	Prober, D	A	A	P
			53	Newman, D	A	A	P

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BIOLOGY							
Bi 022	+	Undergraduate Research	54	Gradinaru, V	A	A	P
			55	Guttman, M	A	A	P
			56	Meister, M	A	A	P
			57	Goentoro, L	A	A	P
			58	Stevenson, D	A	A	P
			60	Hsiao, E	A	A	P
Bi/BE 024	3-0-3	Technical Communication for Biological Scientists and Engineers <i>This class is limited to 20 seniors with priority given to seniors in Biology and Bioengineering.</i>	01	Anderson, B	TR 10:30 - 11:55	101 KRK	
Bi 090A	+	Undergraduate Thesis	01	Lester, H / Bjorkman, P	A	A	P
			02	Davidson, E / Bjorkman, P	A	A	P
			03	Sternberg, P / Bjorkman, P	A	A	P
			04	Davis, M / Bjorkman, P	A	A	P
			05	Newman, D / Bjorkman, P	A	A	P
			06	Baltimore, D / Bjorkman, P	A	A	P
			07	Fejes Toth, K / Bjorkman, P	A	A	P
			08	Anderson, D / Bjorkman, P	A	A	P
			10	Bjorkman, P	A	A	P
			11	Rothenberg, E / Bjorkman, P	A	A	P
			12	Doyle, J / Bjorkman, P	A	A	P
			13	Wold, B / Bjorkman, P	A	A	P
			Bi 090B	+	Undergraduate Thesis	01	Bjorkman, P
BE/Bi 103	1-3-5	Data Analysis in the Biological Sciences	01	Bois, J	M 13:00 - 15:55 W 10:00 - 10:55	328 SFL 100 - Rock Auditorium BRD	
			02		M 19:00 - 21:55	328 SFL	

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BIOLOGY							
BE/Bi 103	1-3-5	Data Analysis in the Biological Sciences	02	Bois, J	W 10:00 - 10:55	100 - Rock Auditorium BRD	
Bi/Ch 110	4-0-8	Introduction to Biochemistry <i>Taught by Biochemistry faculty</i>	01	Virgil, S	TR 11:00 - 11:55 W 14:00 - 15:55	147 NYS 147 NYS	
Bi 122	3-0-6	Genetics	01	Hay, B	TR 13:00 - 14:25	119 KRK	
Bi/Ch 132	3-0-6	Biophysics of Macromolecules	01	Beauchamp, J / Cai, L	TR 13:00 - 14:25	200 BRD	G
Bi 145A	3-0-6	Tissue and Organ Physiology	01	Tydell, C	MW 19:00 - 20:25	151 BRN	
Bi/CNS/NB 150	4-0-6	Introduction to Neuroscience <i>Maximum enrollment: 15 students per section</i>	01	Lester, H / Adolphs, R	MWF 11:00 - 11:55 R 14:00 - 14:55	100 - Rock Auditorium BRD 101 KRK	G
			02	Lester, H / Adolphs, R	MWF 11:00 - 11:55 R 15:00 - 15:55	100 - Rock Auditorium BRD 101 KRK	G
			03	Lester, H / Adolphs, R	MWF 11:00 - 11:55 R 19:00 - 19:55	100 - Rock Auditorium BRD 101 KRK	G
			04	Lester, H / Adolphs, R	MWF 11:00 - 11:55 R 16:00 - 16:55	100 - Rock Auditorium BRD 101 KRK	G
Bi 165	2-3-1	Microbiology Research: Practice and Proposal	01	Hoy, J	M 11:00 - 11:55	101 KRK	
ESE/Bi 166	3-1-5	Microbial Physiology	01	Leadbetter, J	MWF 10:00 - 10:55	162 SMD	
BMB/Bi/Ch 170	3-0-6	Biochemistry and Biophysics of Macromolecules and Molecular Assemblies	01	Clemons, W	TR 10:30 - 11:55	151 CRL	G
Bi/Ge 180	2-6-1	Methods in Molecular Genetics <i>class cancelled</i>	01	Staff	A	A	P
CNS/Bi/Ph/CS/NB 187	3-0-6	Neural Computation	01	Perona, P	TR 10:30 - 11:55	080 MRE	

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BIOLOGY							
Bi 192	2-0-4	Introduction to Systems Biology <i>class cancelled</i>	01	Staff	A	A	
Bi/CNS/NB 195	3-0-6	Mathematics in Biology	01	Meister, M	MW 10:30 - 11:55 F 10:30 - 11:55	102 STL 151 BRN	
BE/Bi/NB 203	6-0-0	Introduction to Programming for the Biological Sciences Bootcamp <i>taught 9/14 - 9/18/15, Monday - Friday, 9am-10pm, and half day on Saturday 9/19/15 in Annenberg Auditorium</i>	01	Bois, J / Guttman, M	A	A	P
Bi/CNS/NB 216	2-0-4	Behavior of Mammals	01	Allman, J	WF 14:00 - 15:55	200 BRD	G
Bi 250A	3-0-6	Topics in Molecular and Cellular Biology	01	Prober, D	TR 13:00 - 14:25	151 BRN	P
Bi/BMB 251A	1-0-0	Current Research in Cellular and Molecular Biology <i>location was previously known as 24 BBB</i>	01	Hay, B	W 12:00 - 12:55	119 KRK	P
Bi 299	+	Graduate Research	01	Kirschvink, J	A	A	P
			02	Baltimore, D	A	A	P
			03	Allman, J	A	A	P
			04	Anderson, D	A	A	P
			05	Arnold, F	A	A	P
			06	Qian, L	A	A	P
			07	Pierce, N	A	A	P
			08	Bjorkman, P	A	A	P
			09	Bronner Hansen, M	A	A	P
			10	Campbell, J	A	A	P
			11	Chan, D	A	A	P
			12	Davidson, E	A	A	P
			13	Deshaies, R	A	A	P
			14	Dabiri, J	A	A	P
			15	Dunphy, W	A	A	P
			16	Fraser, S	A	A	P

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BIOLOGY							
Bi 299	+	Graduate Research	17	Gharib, M	A	A	P
			18	Kennedy, M	A	A	P
			19	Orphan, V	A	A	P
			20	Hsieh-Wilson, L	A	A	P
			21	Cai, L	A	A	P
			22	Guo, C	A	A	P
			23	Mayo, S	A	A	P
			24	Goentoro, L	A	A	P
			25	Newman, D	A	A	P
			26	Meyerowitz, E	A	A	P
			27	Lois, C	A	A	P
			28	Newman, H	A	A	P
			29	Adolphs, R	A	A	P
			30	Shapiro, M	A	A	P
			31	Meister, M	A	A	P
			32	Oka, Y	A	A	P
			33	Ismagilov, R	A	A	P
			34	Shimojo, S	A	A	P
			35	Lester, H	A	A	P
			36	Sternberg, P	A	A	P
			37	Rothenberg, E	A	A	P
			38	Varshavsky, A	A	A	P
			39	Wold, B	A	A	P
			40	Zinn, K	A	A	P
			41	Jensen, G	A	A	P
			42	Heath, J	A	A	P
			43	Siapas, A	A	A	P
			44	Andersen, R	A	A	P
			45	Dickinson, M	A	A	P
			46	Leadbetter, J	A	A	P
			47	Winfree, E	A	A	P
			49	Prober, D	A	A	P
			50	Elowitz, M	A	A	P

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BIOLOGY							
Bi 299	+	Graduate Research	51	Stathopoulos, A	A	A	P
			52	Mazmanian, S	A	A	P
			53	Clemons, W	A	A	P
			54	Hay, B	A	A	P
			55	Aravin, A	A	A	P
			56	Dougherty, D	A	A	P
			57	Fejes Toth, K	A	A	P
			58	Murray, R	A	A	P
			59	Burdick, J	A	A	P
			60	Gradinaru, V	A	A	P
			61	Guttman, M	A	A	P
			62	Scherer, A	A	A	P
			63	Hong, E	A	A	P
BUSINESS, ECONOMICS, AND MANAGEMENT							
BEM097	+	Undergraduate Research	01	Staff	A	A	P
BEM102	3-0-6	Introduction to Accounting <i>Maximum enrollment: 45 students // BEM 102 does not count toward the 108 unit HSS requirement for students who entered Caltech in 2012 or later.</i>	01	Wang, S	M 19:00 - 21:55	25 BAX	
BEM103	3-0-6	Introduction to Finance <i>Maximum enrollment: 50 students // class will meet in Baxter Lecture Hall on Thursday, Oct 15th</i>	01	Roll, R	TR 13:00 - 14:25	Lecture Hall BAX	
BEM105	3-0-6	Options	01	Cvitanic, J	TR 14:30 - 15:55	25 BAX	
BEM/Ec 131	3-0-6	Market Design <i>Designated as Writing Intensive Course</i>	01	Ledyard, J	TR 10:30 - 11:55	33 BAX	
BEM190	+	Undergraduate Research Project	01	Pickar, K	A	A	P
			02	Rosenthal, J	A	A	P

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BUSINESS, ECONOMICS, AND MANAGEMENT							
BEM190	+	Undergraduate Research Project	03	Bossaerts, P	A	A	P
			04	Gillen, B	A	A	P
CHEMICAL ENGINEERING							
ChE062	3-0-6	Separation Processes	01	Seinfeld, J	MWF 14:00 - 14:55	106 SPL	G
ChE080	+	Undergraduate Research	01	Flagan, R	A	A	P
			02	Haile, S	A	A	P
			03	Fultz, B	A	A	P
			04	Lewis, N	A	A	P
			05	Davis, M	A	A	P
			06	Grubbs, R	A	A	P
			07	Brady, J	A	A	P
			33	Atwater, H	A	A	P
			34	Seinfeld, J	A	A	P
			35	Arnold, F	A	A	P
			36	Tirrell, D	A	A	P
ChE090A	+	Senior Thesis	37	Kornfield, J	A	A	P
			38	Giapis, K	A	A	P
			01	Giapis, K	A	A	P
			02	Arnold, F	A	A	P
			03	Flagan, R	A	A	P
			04	Mayo, S	A	A	P
			05	Lewis, N	A	A	P
Ch/ChE 091	2-0-1	Scientific Writing	06	Atwater, H	A	A	P
			07	Brady, J	A	A	P
ChE103A	3-0-6	Transport Phenomena <i>Class will meet in 147 Noyes on Friday, October 16th</i>	01	Kornfield, J	MWF 10:00 - 10:55	153 NYS	

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

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CHEMICAL ENGINEERING							
ChE280	+	Chemical Engineering Research	35	Seinfeld, J	A	A	P
			37	Tirrell, D	A	A	P
			38	Wang, Z	A	A	P
			40	Yung, Y	A	A	P
			42	Heath, J	A	A	P
			44	Greer, J	A	A	P
			45	Miller, T	A	A	P
CHEMISTRY							
Ch 001A	3-0-3	General Chemistry	01	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 024 KRK	P
			02	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 104 WAT	P
			03	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 119 DWN	P
			04	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 103 DWN	P
			05	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 121 BCK	P
			06	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 155 ARM	P
			07	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 142 KCK	P
			08	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 22 GTS	P
			09	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 11 DWN	P
			10	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 200 BRD	P
			11	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 27 GTS	P
			12	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 119 KRK	P

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CHEMISTRY							
Ch 003A	1-3-2	Fundamental Techniques of Experimental Chemistry <i>Maximum Enrollment: 20 students per section// Section 3 reserved for Freshmen // Class on Friday, Oct 16th will meet in Gates 22</i>	01	Mendez, J	T 08:00 - 10:55	107 MEAD	P
			02	Mendez, J	F 13:00 - 13:55	153 NYS	P
			03	Mendez, J	T 13:00 - 15:55	107 MEAD	P
					F 13:00 - 13:55	153 NYS	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	151 CRL	P
			02	Mendez, J	W 13:00 - 15:55	107 MEAD	P
					F 09:00 - 09:55	151 CRL	P
				R 08:00 - 10:55	107 MEAD		
Ch 008	1-6-2	Experimental Procedures of Synthetic Chemistry <i>Instructor will contact student via email to select 2 sections. // Section times will be: Tuesdays 8-11am; Tuesdays 1-4pm; Wednesdays 1-4pm; and Thursdays 8-11am. Lecture 147 Noyes Thursday 1pm.</i>	01	Mendez, J	R 13:00 - 13:55	147 NYS	
				A	105 MEAD		
Ch 010A	2-0-1	Frontiers in Chemistry <i>Lab tour times to be determined.</i>	01	Dervan, P / Hoelz, A	R 12:00 - 12:55	147 NYS	P
					A	A	
Ch 015	0-6-4	Chemical Equilibrium and Analysis Laboratory <i>Instructor will contact student via email to select 2 sections: M 8-11am, M 1-4pm, W 1-4pm // 1 hour lecture on Thursdays at 1pm</i>	01	Dalleska, N	R 13:00 - 13:55	135 L+R	G
Ch 021A	3-0-6	Physical Chemistry	01	Okumura, M	MWF 13:00 - 13:55	147 NYS	G
Ch 041A	3-0-6	Organic Chemistry	01	Dougherty, D	MWF 09:00 - 09:55	153 NYS	
Ch 080	+	Chemical Research	01	Stoltz, B	A	A	P
			02	Shan, S	A	A	P
			03	Peters, J	A	A	P
			04	Kornfield, J	A	A	P
			05	Blake, G	A	A	P
			06	Lewis, N	A	A	P

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CHEMISTRY										
Ch 080	+	Chemical Research	07	Goddard, W	A	A	P			
			08	Beauchamp, J	A	A	P			
			09	Bercaw, J	A	A	P			
			10	Grubbs, R	A	A	P			
			11	Dervan, P	A	A	P			
			12	Dougherty, D	A	A	P			
			13	Arnold, F	A	A	P			
			14	Agapie, T	A	A	P			
			15	Reisman, S	A	A	P			
			16	Barton, J	A	A	P			
			17	Gray, H	A	A	P			
			18	Heath, J	A	A	P			
			19	Davis, M	A	A	P			
			20	Hoelz, A	A	A	P			
			21	Shapiro, M	A	A	P			
			22	Haile, S	A	A	P			
			23	Okumura, M	A	A	P			
			Ch 081	+	Independent Reading in Chemistry	01	Bercaw, J	A	A	P
						02	Heath, J	A	A	P
						04	Grubbs, R	A	A	P
						05	Gray, H	A	A	P
						06	Goddard, W	A	A	P
						07	Agapie, T	A	A	P
22	Lewis, N	A				A	P			
Ch 082	+	Senior Thesis Research <i>9 units per term</i>	01	Rees, D	A	A	P			
			02	Gray, H	A	A	P			
			03	Shapiro, M	A	A	P			
Ch/ChE 091	2-0-1	Scientific Writing	01	Parker, C	M 13:00 - 14:55	101 SCH				
Bi/Ch 110	4-0-8	Introduction to Biochemistry <i>Taught by Biochemistry faculty</i>	01	Virgil, S	TR 11:00 - 11:55	147 NYS				
					W 14:00 - 15:55	147 NYS				

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CHEMISTRY							
Ch 112	3-0-6	Inorganic Chemistry	01	Agapie, T	TR 09:00 - 10:25	147 NYS	
Ch 120A	3-0-6	Nature of the Chemical Bond <i>taught concurrently with Ch 125A</i>	01	Goddard, W	MWF 11:00 - 11:55	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 122	3-0-6	Structure Determination by X-ray Crystallography	01	Takase, M	MWF 10:00 - 10:55	115 BCK	G
Ch 125A	3-0-6	The Elements of Quantum Chemistry <i>taught concurrently with Ch 120a</i>	01	Goddard, W	MWF 11:00 - 11:55	115 BCK	
Ge/Ch 127	3-0-6	Nuclear Chemistry	01	Burnett, D	MWF 09:00 - 09:55	215 NMD	G
Bi/Ch 132	3-0-6	Biophysics of Macromolecules	01	Beauchamp, J / Cai, L	TR 13:00 - 14:25	200 BRD	G
Ch 149	2-0-4	Tutorial in Organic Chemistry <i>Prerequisite: Ch 41abc & instructor's permission. // This course is intended primarily for 1st-year grad students with a strong foundation in organic chemistry. // Meets during the month of October.</i>	01 02	Fu, G Reisman, S	MWF 14:00 - 15:55 U 15:00 - 16:55 TR 15:00 - 16:55	218 SCH 318 SCH 318 SCH	P P
ChE/Ch 165	3-0-6	Chemical Thermodynamics	01	Wang, Z	TR 10:30 - 11:55	106 SPL	
BMB/Bi/Ch 170	3-0-6	Biochemistry and Biophysics of Macromolecules and Molecular Assemblies	01	Clemons, W	TR 10:30 - 11:55	151 CRL	G
BMB/Ch 178	3-0-6	Macromolecular Function: Kinetics, Energetics, and Mechanisms	01	Shan, S	WF 10:30 - 11:55	101 SCH	
Ch 180	+	Chemical Research	01 02 21 22	Agapie, T Goddard, W Gray, H Lewis, N	A A A A	A A A A	P P P P

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CHEMISTRY							
Ch 180	+	Chemical Research	38	Weitekamp, D	A	A	P
Ch 182	+	Senior Thesis Research <i>9 units per term</i>	01	Rees, D	A	A	P
			02	Gray, H	A	A	P
			03	Agapie, T	A	A	P
BMB/Ch 202A	1-0-0	Biochemistry Seminar Course <i>Most sessions will take place on Thursdays. Specific dates TBA and will coincide with the dates of the Biochemistry Seminars. Students will meet with the Biochemistry seminar speaker in the discussion session for an hour and then attend the seminar at 4pm.</i>	01	Clemons, W	R 12:00 - 12:55	370 BRN	P
Ch 213A	1-0-11	Advanced Ligand Field Theory	01	Gray, H	F 13:00 - 13:55	408 BCK	G
Ch 242A	3-0-6	Chemical Synthesis <i>Lecture MWF 9-10am -- Recitation T 7-9pm -- Tutorial R 7-9pm</i>	01	Stoltz, B	MWF 09:00 - 09:55	147 NYS	
					TR 19:00 - 20:55	147 NYS	
Ch 280	+	Chemical Research	01	Adkins, J	A	A	P
			02	Arnold, F	A	A	P
			03	Bjorkman, P	A	A	P
			04	Atwater, H	A	A	P
			05	Barton, J	A	A	P
			06	Beauchamp, J	A	A	P
			07	Bercaw, J	A	A	P
			08	Blake, G	A	A	P
			09	Wang, Z	A	A	P
			10	Smolke, C	A	A	P
			11	Shimojo, S	A	A	P
			12	Eiler, J	A	A	P
			13	Davis, M	A	A	P
			14	Dervan, P	A	A	P
			15	Dougherty, D	A	A	P

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CHEMISTRY							
Ch 280	+	Chemical Research	16	Reisman, S	A	A	P
			17	Fraser, S	A	A	P
			18	Miller, T	A	A	P
			19	Clemons, W	A	A	P
			20	Goddard, W	A	A	P
			21	Gray, H	A	A	P
			22	Grubbs, R	A	A	P
			23	Heath, J	A	A	P
			24	Hsieh-Wilson, L	A	A	P
			25	Hoffmann, M	A	A	P
			26	Kornfield, J	A	A	P
			27	Hoelz, A	A	A	P
			28	Lewis, N	A	A	P
			29	Peters, J	A	A	P
			30	Marcus, R	A	A	P
			31	Mayo, S	A	A	P
			32	Cai, L	A	A	P
			33	Okumura, M	A	A	P
			34	Ponce, A	A	A	P
			35	Peters, J	A	A	P
			36	Ismagilov, R	A	A	P
			37	Fu, G	A	A	P
			38	Rees, D	A	A	P
			39	Lester, H	A	A	P
			40	Haile, S	A	A	P
			41	van de Walle, A	A	A	P
			42	Seinfeld, J	A	A	P
			43	Stoltz, B	A	A	P
			44	Tirrell, D	A	A	P
			45	Roberts, J	A	A	P
			46	Weitekamp, D	A	A	P
			47	Wennberg, P	A	A	P
			48	Zewail, A	A	A	P

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CHEMISTRY							
Ch 280	+	Chemical Research	49	Shan, S	A	A	P
			50	Agapie, T	A	A	P
			51	Sternberg, P	A	A	P
			52	Tirrell, D	A	A	P
			53	Fu, G	A	A	P
			54	Deshaies, R	A	A	P
			55	Campbell, J	A	A	P
			56	Jensen, G	A	A	P
			57	Pierce, N	A	A	P
			58	Shapiro, M	A	A	P
CIVIL ENGINEERING							
CE 100	+	Special Topics in Civil Engineering	01	Staff	A	A	
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	101 GUG	
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Kochmann, D	TR 09:00 - 10:25	101 GUG	G
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Andrade, J	R 11:00 - 11:55	135 GTS/TOM	P
AM/CE 151A	3-0-6	Dynamics and Vibration <i>taught concurrently with ME 66</i>	01	Heaton, T	MWF 10:00 - 10:55	115 GTS/TOM	G
Ae/CE 165A	2-2-5	Mechanics of Composite Materials and Structures	01	Pellegrino, S	MW 14:00 - 14:55	202 GUG	
CE 200	+	Advanced Work in Civil Engineering	01	Heaton, T	A	A	P
CE 201	3-0-6	Advanced Topics in Civil Engineering <i>class cancelled</i>	01	Staff	A	A	
CE 300	+	Research in Civil Engineering	01	Beck, J	A	A	P
			02	Hall, J	A	A	P

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CIVIL ENGINEERING							
CE 300	+	Research in Civil Engineering	03	Heaton, T	A	A	P
			04	Andrade, J	A	A	P
			05	Lapusta, N	A	A	P
			06	Asimaki, D	A	A	P
COMPUTATION & NEURAL SYS							
CNS100	1-0-0	Introduction to Computation and Neural Systems	01	Perona, P	W 19:00 - 19:55	100 - Rock Auditorium BRD	P
Bi/CNS/NB 150	4-0-6	Introduction to Neuroscience <i>Maximum enrollment: 15 students per section</i>	01	Lester, H / Adolphs, R	MWF 11:00 - 11:55 R 14:00 - 14:55	100 - Rock Auditorium BRD 101 KRK	G
			02	Lester, H / Adolphs, R	MWF 11:00 - 11:55 R 15:00 - 15:55	100 - Rock Auditorium BRD 101 KRK	G
			03	Lester, H / Adolphs, R	MWF 11:00 - 11:55 R 19:00 - 19:55	100 - Rock Auditorium BRD 101 KRK	G
			04	Lester, H / Adolphs, R	MWF 11:00 - 11:55 R 16:00 - 16:55	100 - Rock Auditorium BRD 101 KRK	G
CS/CNS 171	3-6-3	Introduction to Computer Graphics Laboratory	01	Barr, A	MWF 15:00 - 15:55	105 ANB	
CNS180	+	Research in Computation and Neural Systems	01	Abu-Mostafa, Y	A	A	P
			02	Anderson, D	A	A	P
			03	O'Doherty, J	A	A	P
			04	Andersen, R	A	A	P
			05	Shimojo, S	A	A	P
			06	Quartz, S	A	A	P
			07	Tsao, D	A	A	P
			08	Dickinson, M	A	A	P
			09	Zewail, A	A	A	P
			11	Rangel, A	A	A	P
			12	Murray, R	A	A	P
			13	Perona, P	A	A	P

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COMPUTATION & NEURAL SYS							
CNS180	+	Research in Computation and Neural Systems	14	Camerer, C	A	A	P
			15	Elowitz, M	A	A	P
			16	Gradinaru, V	A	A	P
			17	Allman, J	A	A	P
			18	Siapas, A	A	A	P
			19	Fraser, S	A	A	P
			20	Burdick, J	A	A	P
			21	Winfree, E	A	A	P
			22	Wold, B	A	A	P
			23	Low, S	A	A	P
			24	Meister, M	A	A	P
			25	Kennedy, M	A	A	P
			26	Adolphs, R	A	A	P
			27	Pine, J	A	A	P
			28	Hoffmann, M	A	A	P
			30	Prober, D	A	A	P
			31	Yue, Y	A	A	P
CNS/Bi/Ph/CS/NB 187	3-0-6	Neural Computation	01	Perona, P	TR 10:30 - 11:55	080 MRE	
Bi/CNS/NB 195	3-0-6	Mathematics in Biology	01	Meister, M	MW 10:30 - 11:55 F 10:30 - 11:55	102 STL 151 BRN	
Bi/CNS/NB 216	2-0-4	Behavior of Mammals	01	Allman, J	WF 14:00 - 15:55	200 BRD	G
CNS280	+	Research in Computation and Neural Systems	01	Burdick, J	A	A	P
			02	Meister, M	A	A	P
			04	Andersen, R	A	A	P
			05	Lester, H	A	A	P
			06	O'Doherty, J	A	A	P
			07	Bruck, J	A	A	P
			08	Tsao, D	A	A	P
			09	Koch, C	A	A	P
			10	Konishi, M	A	A	P

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COMPUTATION & NEURAL SYS							
CNS280	+	Research in Computation and Neural Systems	11	Murray, R	A	A	P
			13	Perona, P	A	A	P
			14	Scherer, A	A	A	P
			15	Quartz, S	A	A	P
			16	Elowitz, M	A	A	P
			17	Shimojo, S	A	A	P
			18	Siapas, A	A	A	P
			19	Sternberg, P	A	A	P
			20	Winfrey, E	A	A	P
			21	Wold, B	A	A	P
			22	Hoffmann, M	A	A	P
			23	Dickinson, M	A	A	P
			24	Allman, J	A	A	P
			26	Adolphs, R	A	A	P
27	Desbrun, M	A	A	P			
28	Goddard, W	A	A	P			
SS/Psy/CNS 285	3-0-0	Topics in Social, Cognitive, and Decision Sciences <i>Open to undergraduates with instructor approval</i>	01	Adolphs, R / Alvarez, R	M 19:00 - 20:55	127 BAX	
COMPUTER SCIENCE							
CS 001	3-4-2	Introduction to Computer Programming	01	Vanier, M	MWF 14:00 - 14:55	Institute Auditorium BCK	P
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics	01	Sheffer, A	MWF 13:00 - 13:55	119 KRK	
CS 009	1-0-0	Introduction to Computer Science Research	01	Desbrun, M	W 19:30 - 20:25	105 ANB	P
CS 011	0-3-0	Computer Language Shop <i>CS 1 or instructor's permission is required.</i>	01	Pinkston, D / Vanier, M	OM,M 21:00 - 21:55	105 ANB	P
EE/CS 051	4-5-3	Principles of Microprocessor Systems	01	George, G	MWF 15:00 - 16:25	070 MRE	

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COMPUTER SCIENCE							
EE/CS 053	0-12-0	Microprocessor Project Laboratory	01	George, G	OM,W 16:30 - 17:25	070 MRE	
CS/EE/ME 075A	+	Introduction to Multidisciplinary Systems Engineering <i>3, 6 or 9 units</i>	01	Blanquart, G / Murray, R	OM,M 12:00 - 12:55	135 GTS/TOM	G
CS 080A	+	Undergraduate Thesis	01	Winfree, E	A	A	P
			02	Chandy, K	A	A	P
			03	Desbrun, M	A	A	P
			04	Schroeder, P	A	A	P
			05	Wierman, A	A	A	P
			06	Barr, A	A	A	P
			07	Ho, T	A	A	P
			08	Low, S	A	A	P
			09	Yue, Y	A	A	P
			10	Perona, P	A	A	P
			11	Bruck, J	A	A	P
			12	Schulman, L	A	A	P
			13	Umans, C	A	A	P
CS 081A	+	Undergraduate Projects in Computer Science	01	Chandy, K	A	A	P
			02	Barr, A	A	A	P
			03	Chandy, K	A	A	P
			04	Murray, R	A	A	P
			05	Martin, A	A	A	P
			06	Winfree, E	A	A	P
			07	Perona, P	A	A	P
			08	Pinkston, D	A	A	P
			09	Ho, T	A	A	P
			10	Vanier, M	A	A	P
			11	Wierman, A	A	A	P
			12	Umans, C	A	A	P
			13	Burdick, J	A	A	P
			14	Low, S	A	A	P

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COMPUTER SCIENCE							
CS 081A	+	Undergraduate Projects in Computer Science	15	Yue, Y	A	A	P
			16	Hassibi, B	A	A	P
			17	Desbrun, M	A	A	P
			18	Mahabal, A	A	A	P
CS 090	+	Undergraduate Reading in Computer Science	01	Chandy, K	A	A	P
			02	Pinkston, D	A	A	P
			03	Low, S	A	A	P
			04	Djorgovski, S	A	A	P
			05	Winfree, E	A	A	P
			06	Schroeder, P	A	A	P
			07	Barr, A	A	A	P
			08	George, G	A	A	P
			09	Gray, H	A	A	P
			10	Ho, T	A	A	P
			11	Burdick, J	A	A	P
			12	Wierman, A	A	A	P
			13	Vanier, M	A	A	P
CS 101A	+	Special Topics in Computer Science	01	Schulman, L	A	A	
CS 103A	+	Reading in Computer Science	01	Vanier, M	A	A	P
CS 116	3-0-6	Reasoning about Program Correctness	01	Joshi, R	TR 13:00 - 14:25	107 ANB	
CS 121	3-0-6	Introduction to Relational Databases	01	Pinkston, D	MWF 11:00 - 11:55	105 ANB	
EE/Ma/CS 126A	3-0-6	Information Theory	01	Effros, M	MW 10:30 - 11:55	070 MRE	G
CS/EE 143	3-3-3	Communication Networks	01	Low, S	TR 10:30 - 11:55	102 STL	

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COMPUTER SCIENCE							
CS 150	3-0-6	Probability and Algorithms <i>class cancelled</i>	01	Staff	A	A	
CS 151	3-0-9	Complexity Theory <i>class cancelled</i>	01	Staff	A	A	
CS/CNS 171	3-6-3	Introduction to Computer Graphics Laboratory	01	Barr, A	MWF 15:00 - 15:55	105 ANB	
CS 177	3-3-3	Discrete Differential Geometry: Theory and Applications <i>class cancelled</i>	01	Staff	A	A	
CS 180	+	Master's Thesis Research	01	Martin, A	A	A	P
			02	Desbrun, M	A	A	P
			03	Low, S	A	A	P
			04	Chandy, K	A	A	P
			05	Wierman, A	A	A	P
			06	Umans, C	A	A	P
			08	Barr, A	A	A	P
			09	Kitaev, A	A	A	P
			10	Perona, P	A	A	P
			12	Schroeder, P	A	A	P
14	Winfree, E	A	A	P			
CNS/Bi/Ph/CS/NB 187	3-0-6	Neural Computation	01	Perona, P	TR 10:30 - 11:55	080 MRE	
Ph/CS 219A	3-0-6	Quantum Computation	01	Kitaev, A	MW 14:30 - 15:55	269 LAU	P
CS 280	+	Research in Computer Science	01	Abu-Mostafa, Y	A	A	P
			02	Chandy, K	A	A	P
			03	Winfree, E	A	A	P
			04	Troian, S	A	A	P
			05	Ligett, K	A	A	P
			06	Chandrasekaran, V	A	A	P
			07	Low, S	A	A	P

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COMPUTER SCIENCE							
CS 280	+	Research in Computer Science	08	Martin, A	A	A	P
			09	Murray, R	A	A	P
			10	Perona, P	A	A	P
			11	Schroeder, P	A	A	P
			12	Vidick, T	A	A	P
			13	Cvitanić, J	A	A	P
			14	Umans, C	A	A	P
			15	Desbrun, M	A	A	P
			16	Kitaev, A	A	A	P
			17	Wierman, A	A	A	P
			18	Doyle, J	A	A	P
			19	Schulman, L	A	A	P
			29	Yue, Y	A	A	P
CS 282A	+	Reading in Computer Science	01	Staff	A	A	P
CS 286A	+	Seminar in Computer Science <i>class cancelled</i>	01	Staff	A	A	P
COMPUTING AND MATHEMATICAL SCIENCES							
CMS/ACM 104	3-0-9	Linear Algebra and Applied Operator Theory	01	Tropp, J	TR 10:30 - 11:55	105 ANB	
CMS/ACM 113	3-0-6	Mathematical Optimization	01	Chandrasekaran, V	MWF 13:00 - 14:25	213 ANB	
CMS/ACM 116	3-0-6	Introduction to Stochastic Processes and Modeling	01	Owhadi, H	TR 09:00 - 10:25	105 ANB	
CMS290A	1-0-0	Computing Mathematical Sciences Colloquium	01	Perona, P	M 16:00 - 16:55	105 ANB	P
CMS300	+	Research in Computing and Mathematical Sciences	01	Wierman, A	A	A	P
CONTROL & DYNAMICAL SYSTEMS							

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CONTROL & DYNAMICAL SYSTEMS										
CDS090A	0-0-9	Senior Thesis in Control and Dynamical Systems	01	Murray, R	A	A	G			
CDS101	2-0-4	Design and Analysis of Feedback Systems	01	Murray, R	MWF 14:00 - 14:55	105 ANB				
CDS110	3-0-9	Introduction to Feedback Control Systems	01	Murray, R	MWF 14:00 - 14:55	105 ANB				
CDS190	+	Independent Work in Control and Dynamical Systems <i>offered Pass/Fail only</i>	01	Staff	A	A	P			
CDS300A	+	Research in Control and Dynamical Systems	01	Dickinson, M	A	A	P			
			03	Doyle, J	A	A	P			
			04	Owhadi, H	A	A	P			
			06	Dabiri, J	A	A	P			
			07	Beck, J	A	A	P			
			08	Murray, R	A	A	P			
			10	Burdick, J	A	A	P			
			11	Elowitz, M	A	A	P			
			12	Desbrun, M	A	A	P			
			13	Ortiz, M	A	A	P			
			14	Goentoro, L	A	A	P			
			15	Adolphs, R	A	A	P			
			ECONOMICS							
			Ec 011	3-2-4	Introduction to Economics	01	Plott, C	MWF 13:00 - 13:55	Lecture Hall BAX	G
			Ec 097	+	Undergraduate Research	01	Staff	A	A	P
Ec 098A	+	Senior Research and Thesis	01	Makarov, N	A	A	P			
			02	Ledyard, J	A	A	P			
			03	Rangel, A	A	A	P			
			04	Shum, M	A	A	P			

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ECONOMICS							
Ec/Psy 109	3-0-6	Frontiers in Behavioral Economics <i>class will meet in 142 Keck on 10/16 & 11/13</i>	01	Camerer, C	MWF 15:00 - 15:55	25 BAX	G
Ec 121A	3-0-6	Theory of Value <i>Maximum enrollment: 15 students</i>	01	Saito, K	TR 10:30 - 11:55	127 BAX	G
Ec 122	3-0-6	Econometrics <i>Maximum Enrollment: 35 students // class will meet in 153 Noyes on Thursday, Oct 15</i>	01	Sherman, R	TR 13:00 - 14:25	25 BAX	
BEM/Ec 131	3-0-6	Market Design <i>Designated as Writing Intensive Course</i>	01	Ledyard, J	TR 10:30 - 11:55	33 BAX	
Ec 135	3-0-6	Economics of Uncertainty and Information	01	Agranov, M	TR 09:00 - 10:25	25 BAX	G
Ec 145	3-0-6	Public Finance <i>class will meet in Baxter Lecture Hall on Thursday, 10/8/15</i>	01	Ledyard, J	TR 14:30 - 15:55	125 BAX	
Ec/PS 160A	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260 // Ec/PS 190A required for 190B and 190C //Maximum enrollment: 10 students in 160a and SS 260</i>	01	Plott, C	TR 09:00 - 10:25	125 BAX	G
Ec 181	3-0-6	Convex Analysis and Economic Theory	01	Border, K	TR 10:30 - 11:55	128 BAX	G
Ec 190	+	Undergraduate Research	01	Alvarez, R	A	A	P
ELECTRICAL ENGINEERING							
APh/EE 009A	2-2-2	Solid-State Electronics for Integrated Circuits	01	Scherer, A / Potter, K	TR 13:00 - 13:55	105 ANB	
EE 044	4-0-8	Circuits and Systems	01	Hajimiri, S	TR 09:00 - 10:55	070 MRE	G
EE/CS 051	4-5-3	Principles of Microprocessor Systems	01	George, G	MWF 15:00 - 16:25	070 MRE	

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ELECTRICAL ENGINEERING							
EE/CS 053	0-12-0	Microprocessor Project Laboratory	01	George, G	OM,W 16:30 - 17:25	070 MRE	
CS/EE/ME 075A	+	Introduction to Multidisciplinary Systems Engineering <i>3, 6 or 9 units</i>	01	Blanquart, G / Murray, R	OM,M 12:00 - 12:55	135 GTS/TOM	G
EE 080A	+	Senior Thesis	01	Potter, K	A	A	P
EE 091A	+	Experimental Projects in Electronic Circuits <i>Units by arrangement; 12 units minimum each term</i>	01	Megdal, B	OM,T 16:00 - 16:55	080 MRE	G
EE 099	+	Advanced Work in Electrical Engineering	01 02 03 04 05 06 07 08 09 10 11	Scherer, A Tai, Y Perona, P George, G Hajimiri, S Yang, C Burdick, J Choo, H Emami, A Yariv, A Hassibi, B	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
EE 105A	1-0-0	Electrical Engineering Seminar	01	Hassibi, B	A	A	P
EST/EE/ME 109	3-0-6	Energy Technology and Policy	01	Rutledge, D	TR 14:30 - 15:55	213 ANB	
EE 111	3-0-6	Signal-Processing Systems and Transforms	01	Vaidyanathan, P	TR 13:00 - 14:25	080 MRE	
Ph/APh/EE/BE 118A	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	

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ELECTRICAL ENGINEERING							
EE/MedE 124	3-0-6	Mixed-mode Integrated Circuits	01	Emami, A	WF 10:30 - 11:55	080 MRE	
EE/Ma/CS 126A	3-0-6	Information Theory	01	Effros, M	MW 10:30 - 11:55	070 MRE	G
APh/EE 130	3-0-6	Electromagnetic Theory	01	Crosignani, B	TR 09:00 - 10:25	106 ANB	
CS/EE 143	3-3-3	Communication Networks	01	Low, S	TR 10:30 - 11:55	102 STL	
EE 150	3-3-3	Topics in Electrical Engineering: Digital Ventures Design 2.0	01	Lahouti, F	MWF 13:00 - 14:25	070 MRE	
EE/Ae 157A	3-0-6	Introduction to the Physics of Remote Sensing	01	van Zyl, J	M 14:30 - 15:55 R 13:00 - 14:25	080 MRE 106 ANB	
EE 160	3-0-6	Random Variables and Stochastic Processes	01	Hassibi, B	TR 10:30 - 11:55	107 ANB	
EE/APh 180	3-0-3	Nanotechnology	01	Scherer, A	TR 14:30 - 15:55	105 ANB	
BE/EE/MedE 189A	3-6-3	Design and Construction of Biodevices	01	Yang, C	TR 10:30 - 11:55	108 KCK	
BE/EE/MedE 189B	0-9-0	Design and Construction of Biodevices	01	Yang, C	MW 13:00 - 14:25	108 KCK	
EE 291	+	Advanced Work in Electrical Engineering	01	Hoffmann, M	A	A	P
			02	Yang, C	A	A	P
			03	Bruck, J	A	A	P
			04	Burdick, J	A	A	P
			05	Ho, T	A	A	P
			06	Doyle, J	A	A	P
			07	Effros, M	A	A	P
			08	Psaltis, D	A	A	P
			09	Gharib, M	A	A	P

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ELECTRICAL ENGINEERING							
EE 291	+	Advanced Work in Electrical Engineering	10	Martin, A	A	A	P
			11	Hajimiri, S	A	A	P
			12	Hallinan, G	A	A	P
			13	Low, S	A	A	P
			14	McEliece, R	A	A	P
			15	Hassibi, B	A	A	P
			16	Murray, R	A	A	P
			17	Perona, P	A	A	P
			18	Vaidyanathan, P	A	A	P
			19	Psaltis, D	A	A	P
			20	Tai, Y	A	A	P
			21	Yariv, A	A	A	P
			22	Quartz, S	A	A	P
			23	Rutledge, D	A	A	P
			24	Roukes, M	A	A	P
			25	Scherer, A	A	A	P
			26	Avouac, J	A	A	P
			27	Vahala, K	A	A	P
			28	Zmuidzinas, J	A	A	P
			29	Atwater, H	A	A	P
			30	Kimble, H	A	A	P
			31	Heath, J	A	A	P
			32	Weinreb, S	A	A	P
			33	Emami, A	A	A	P
			34	George, G	A	A	P
			35	Abu-Mostafa, Y	A	A	P
			36	Painter, O	A	A	P
			37	Gharib, M	A	A	P
			38	Choo, H	A	A	P
			39	Cvitanić, J	A	A	P
			40	Faraon, A	A	A	P
			41	Pellegrino, S	A	A	P
			42	Chandrasekaran, V	A	A	P

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ELECTRICAL ENGINEERING							
EE 291	+	Advanced Work in Electrical Engineering	43	Minnich, A	A	A	P
ENERGY SCIENCE AND TECHNOLOGY							
EST/EE/ME 109	3-0-6	Energy Technology and Policy	01	Rutledge, D	TR 14:30 - 15:55	213 ANB	
ENGINEERING							
E 002	1-0-0	Frontiers in Engineering and Applied Science	01	Ravichandran, G	W 12:00 - 12:55	105 ANB	P
E 010	1-0-2	Technical Seminar Presentations <i>Maximum enrollment: 6 students per section</i>	01	Fender, A	OM,T 19:00 - 19:55 M 09:00 - 09:55	142 KCK 142 KCK	G
			02	Fender, A	OM,T 19:00 - 19:55 M 10:00 - 10:55	142 KCK 142 KCK	G
			03	Fender, A	OM,T 19:00 - 19:55 M 11:00 - 11:55	142 KCK 142 KCK	G
			04	Fender, A	W 09:00 - 09:55 OM,T 19:00 - 19:55	142 KCK 142 KCK	G
			05	Fender, A	OM,T 19:00 - 19:55 W 10:00 - 10:55	142 KCK 142 KCK	G
			06	Fender, A	OM,T 19:00 - 19:55 W 11:00 - 11:55	142 KCK 142 KCK	G
			07	Fender, A	OM,T 19:00 - 19:55 F 09:00 - 09:55	142 KCK 142 KCK	G
			08	Fender, A	OM,T 19:00 - 19:55 F 10:00 - 10:55	142 KCK 142 KCK	G
			09	Fender, A	OM,T 19:00 - 19:55 F 11:00 - 11:55	142 KCK 142 KCK	G
E 102B	3-0-6	Entrepreneurial Development	01	Pickar, K	TR 14:30 - 15:55	115 GTS/TOM	
E 110	1-0-1	Principles of University Teaching and Learning in STEM	01	Horii, C	T 09:30 - 10:25	359 CSS	P

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ENGLISH							
Hum/En 005	3-0-6	Major British Authors <i>Attendance at the first class is required //</i> <i>Maximum enrollment: 15 students per section //</i> <i>Class closed to continuing students until term start. // Sec 1 Grades only for non-frosh</i>	01	Pigman, G	TR 14:30 - 15:55	115 DAB	
			02	Saltzman, B	TR 09:00 - 10:25	115 DAB	
			03	Jahner, J	TR 14:30 - 15:55	151 BRN	
			04	Gilmore, D	TR 14:30 - 15:55	117 DAB	
En 098	+	Reading in English <i>Instructor permission required prior to registering</i>	01	Saltzman, B	A	A	P
En 099A	1-0-8	Senior Tutorial for English Majors	01	Gilmartin, K	A	A	G
			02	Pigman, G	A	A	G
			03	Weinstein, C	A	A	G
			04	Gilmore, D	A	A	G
			05	Jurca, C	A	A	G
			06	Haugen, K	A	A	G
			07	Hunter, C	A	A	G
En 103	3-0-6	Introduction to Medieval British Literature <i>Maximum enrollment: 15 students</i>	01	Jahner, J	TR 10:30 - 11:55	117 DAB	G
En 105	3-0-6	Old English Literature <i>Maximum enrollment: 15 students</i>	01	Saltzman, B	TR 13:00 - 14:25	115 DAB	
En 121	3-0-6	Literature and Its Readers <i>Maximum enrollment: 20 students</i>	01	Haugen, K	W 19:00 - 21:55	128 BAX	G
En 183	3-0-6	Victorian Crime Fiction	01	Gilmore, D	W 13:00 - 15:55	115 DAB	G
ENGLISH AS A SECOND LANGUAGE							
ESL101A	3-0-0	Oral Communication and Pronunciation	01	Ashleigh, S	MW 17:00 - 18:25	33 BAX	P
ENVIRONMENTAL SCIENCE & ENGINEERING							
ESE090	+	Undergraduate Laboratory Research in Environmental Science and Engineering	01	Thompson, A	A	A	P

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ENVIRONMENTAL SCIENCE & ENGINEERING							
ESE100	+	Special Problems in Environmental Science and Engineering <i>up to 12 units by arrangement</i>	01	Adkins, J	A	A	P
			02	Flagan, R	A	A	P
			03	Hoffmann, M	A	A	P
			04	Schneider, T	A	A	P
			05	Seinfeld, J	A	A	P
			06	Sessions, A	A	A	P
			07	Wennberg, P	A	A	P
ESE101	3-0-6	Earth's Atmosphere	01	Ingersoll, A	TR 13:00 - 14:25	162 SMD	
ESE102	3-0-6	Earth's Oceans	01	Adkins, J	MWF 13:00 - 13:55	251 ARM	
ESE104	1-0-0	Current Problems in Environmental Science and Engineering	01	Thompson, A	R 12:00 - 12:55	162 SMD	P
ESE106	+	Research in Environmental Science and Engineering <i>(formerly ESE105)</i>	01	Adkins, J	A	A	P
			02	Blake, G	A	A	P
			03	Bordoni, S	A	A	P
			04	Eiler, J	A	A	P
			05	Flagan, R	A	A	P
			06	Hoffmann, M	A	A	P
			07	Ingersoll, A	A	A	P
			08	Lamb, M	A	A	P
			09	Leadbetter, J	A	A	P
			10	Newman, D	A	A	P
			11	Okumura, M	A	A	P
			12	Orphan, V	A	A	P
			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

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ENVIRONMENTAL SCIENCE & ENGINEERING							
ESE110A	1-0-0	Seminar in Environmental Science and Engineering	01	Adkins, J	W 16:00 - 16:55	365 SMD	P
Ge/ESE 118	3-0-6	Methods in Data Analysis	01	Tsai, V	TR 10:30 - 11:55	162 SMD	
ESE130	3-0-6	Atmosphere Dynamics	01	Bordoni, S	MWF 13:00 - 13:55	135 L+R	
ESE/Bi 166	3-1-5	Microbial Physiology	01	Leadbetter, J	MWF 10:00 - 10:55	162 SMD	
ESE300	+	Thesis Research	01	Sessions, A	A	A	P
			02	Ingersoll, A	A	A	P
			03	Hering, J	A	A	P
			04	Hoffmann, M	A	A	P
			05	Bordoni, S	A	A	P
			06	Adkins, J	A	A	P
			08	Leadbetter, J	A	A	P
			09	Seinfeld, J	A	A	P
			10	Wennberg, P	A	A	P
			11	Yung, Y	A	A	P
			12	Schneider, T	A	A	P
			13	Eiler, J	A	A	P
			14	Orphan, V	A	A	P
			15	Okumura, M	A	A	P
			16	Ponce, A	A	A	P
			17	Thompson, A	A	A	P
			18	Flagan, R	A	A	P
FILM							
L/F 109	3-0-6	Introduction to French Cinema from Its Beginning to the Present <i>Maximum enrollment: 15 students</i>	01	Orcel, C	MW 20:30 - 21:55	117 DAB	
FRESHMAN SEMINARS							

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FRESHMAN SEMINARS							
FS/Ph 009	2-0-4	Freshman Seminar: The Science of Music <i>Maximum enrollment: 11 students</i>	01	Politzer, H	MW 15:00 - 15:55	248 LAU	P
FS/Ph 011A	2-0-4	Freshman Seminar: Research Tutorial	01	Phillips, R	A	201 SLN	P
FS/Bi 013	2-0-4	Freshman Seminar: In Search of Memory <i>Maximum enrollment: 12 students</i>	01	Pine, J	W 16:00 - 17:25	248 LAU	P
FS/Ge 016	2-0-4	Freshman Seminar: Earthquakes <i>Field Trip Dates: TBA</i>	01	Stock, J	T 14:00 - 15:55	215 NMD	P
GEOLOGY							
Ge 011A	3-3-3	Introduction to Earth and Planetary Sciences: Earth as a Planet <i>Field Trip Dates: Oct 23-25 // taught concurrently with Ge 101</i>	01	Farley, K	TR 09:00 - 10:25	215 NMD	
FS/Ge 016	2-0-4	Freshman Seminar: Earthquakes <i>Field Trip Dates: TBA</i>	01	Stock, J	T 14:00 - 15:55	215 NMD	P
Ge 040	+	Special Problems for Undergraduates	01	Avouac, J	A	A	P
			02	Kirschvink, J	A	A	P
			03	Stock, J	A	A	P
			04	Lamb, M	A	A	P
			05	Adkins, J	A	A	P
			06	Jackson, J	A	A	P
			07	Ingersoll, A	A	A	P
Ge 041A	+	Undergraduate Research and Bachelor's Thesis	01	Orphan, V	A	A	P
			02	Saleeby, J	A	A	P
			03	Asimow, P	A	A	P
			04	Orphan, V	A	A	P
			05	Saleeby, J	A	A	P
			06	Stolper, E	A	A	P
			07	Brown, M	A	A	P
			08	Grotzinger, J	A	A	P

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GEOLOGY							
Ge 041A	+	Undergraduate Research and Bachelor's Thesis	09	Stock, J	A	A	P
			10	Fischer, W	A	A	P
			11	Rossman, G	A	A	P
Ge 101	3-0-6	Introduction to Geology and Geochemistry <i>Field Trip: Oct 23-25 // taught concurrently with Ge 011A</i>	01	Farley, K	TR 09:00 - 10:25	215 NMD	
Ge 108	3-0-6	Applications of Physics to the Earth Sciences	01	Brown, M	TR 09:00 - 10:25	176 SMD	
Ge 112	3-5-4	Sedimentology and Stratigraphy	01	Grotzinger, J	TR 09:00 - 10:25 W 14:00 - 16:55	251 ARM 251 ARM	G
Ge 114A	3-4-2	Mineralogy	01	Rossman, G	MTR 15:00 - 15:55 TR 16:00 - 17:55	251 ARM 251 ARM	
Ge 114B	0-2-1	Mineralogy Laboratory	01	Rossman, G	W 15:00 - 16:55	267 ARM	
Ge/ESE 118	3-0-6	Methods in Data Analysis	01	Tsai, V	TR 10:30 - 11:55	162 SMD	
Ge 121A	0-9-3	Advanced Field Geology <i>Field Trip Dates: Sept 26 - Oct 4</i>	01	Lamb, M	M 14:00 - 15:55	267 ARM	
Ge 122A	1-3-2	Field Geology Seminar <i>Field trip dates: 11/20-22</i>	01	Stock, J	W 14:00 - 14:55	215 NMD	P
Ge/Ch 127	3-0-6	Nuclear Chemistry	01	Burnett, D	MWF 09:00 - 09:55	215 NMD	G
Ge/Ay 133	3-0-6	The Formation and Evolution of Planetary Systems <i>class cancelled, to be offered Spring 2016</i>	01	Staff	A	A	
Ge 136A	1-0-2	Regional Field Geology of the Southwestern United States <i>Field Trip Dates: Nov 13-15</i>	01	Kirschvink, J	OM,T 15:00 - 15:25	267 ARM	P
Ge 145	1-4-4	Isotope-Ratio Mass Spectrometry	01	Sessions, A	R 10:30 - 11:55	135 L+R	
					R 13:00 - 15:55	067 SMD	

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GEOLOGY							
Ge 151	3-3-3	Planetary Surfaces <i>Field Trip Dates: TBA</i>	01	Ehlmann, B	TR 10:30 - 11:55	176 SMD	
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>taught concurrently with Ae 102a</i>	01	Kochmann, D	TR 09:00 - 10:25	101 GUG	G
Ge 161	3-0-6	Plate Tectonics	01	Stock, J	TR 10:30 - 11:55	215 NMD	
Ge 167	3-0-6	Tectonic Geodesy	01	Simons, M	MW 14:00 - 15:25	162 SMD	
Bi/Ge 180	2-6-1	Methods in Molecular Genetics <i>class cancelled</i>	01	Staff	A	A	P
Ge 193	2-0-4	Special Topics in Geophysics: Localized Shear Resistance of Earthquake Sources, Landslides, and Glaciers	01	Lapusta, N / Rosakis, A	W 15:30 - 17:25	135 GTS/TOM	P
Ge 212	3-0-6	Thermodynamics of Geological Systems	01	Asimow, P	MWF 10:00 - 10:55	251 ARM	
Ge 297	+	Advanced Study	01	Adkins, J	A	A	P
			02	Wennberg, P	A	A	P
			03	Clayton, R	A	A	P
			04	Asimow, P	A	A	P
			05	Blake, G	A	A	P
			06	Stock, J	A	A	P
			07	Eiler, J	A	A	P
			08	Farley, K	A	A	P
			09	Jackson, J	A	A	P
			10	Bordoni, S	A	A	P
			11	Gurnis, M	A	A	P
			12	Grotzinger, J	A	A	P
			13	Helmberger, D	A	A	P
			14	Rosman, G	A	A	P
			15	Schneider, T	A	A	P
			16	Kirschvink, J	A	A	P

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GEOLOGY							
Ge 297	+	Advanced Study	17	Kulkarni, S	A	A	P
			18	Ingersoll, A	A	A	P
			19	Brown, M	A	A	P
			20	Ehlmann, B	A	A	P
			21	Zhan, Z	A	A	P
			24	Saleeby, J	A	A	P
			26	Simons, M	A	A	P
			27	Stevenson, D	A	A	P
			29	Stolper, E	A	A	P
			30	Lamb, M	A	A	P
			31	Fischer, W	A	A	P
			35	Orphan, V	A	A	P
			36	Yung, Y	A	A	P
			37	Avouac, J	A	A	P
			38	Lapusta, N	A	A	P
			39	Aharonson, O	A	A	P
			40	Wernicke, B	A	A	P
			41	Newman, D	A	A	P
			42	Sessions, A	A	A	P
			43	Ampuero Saenz, J	A	A	P
44	Tsai, V	A	A	P			
45	Knutson, H	A	A	P			
46	Ampuero Saenz, J	A	A	P			
47	Batygin, K	A	A	P			
48	Zhan, Z	A	A	P			
Ge 299	+	Thesis Research	01	Adkins, J	A	A	P
			02	Ehlmann, B	A	A	P
			03	Heaton, T	A	A	P
			04	Asimow, P	A	A	P
			05	Blake, G	A	A	P
			06	Brown, M	A	A	P
			07	Clayton, R	A	A	P
			08	Eiler, J	A	A	P

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GEOLOGY										
Ge 299	+	Thesis Research	09	Grotzinger, J	A	A	P			
			10	Gurnis, M	A	A	P			
			11	Burnett, D	A	A	P			
			12	Helmberger, D	A	A	P			
			13	Ingersoll, A	A	A	P			
			14	Jackson, J	A	A	P			
			15	Simons, M	A	A	P			
			16	Avouac, J	A	A	P			
			17	Newman, D	A	A	P			
			18	Ampuero Saenz, J	A	A	P			
			19	Lapusta, N	A	A	P			
			20	Rossmann, G	A	A	P			
			21	Fischer, W	A	A	P			
			22	Saleeby, J	A	A	P			
			23	Farley, K	A	A	P			
			24	Sessions, A	A	A	P			
			25	Stevenson, D	A	A	P			
			26	Stock, J	A	A	P			
			27	Stolper, E	A	A	P			
			28	Lamb, M	A	A	P			
			29	Knutson, H	A	A	P			
			30	Kulkarni, S	A	A	P			
			32	Wernicke, B	A	A	P			
			34	Yung, Y	A	A	P			
			35	Aharonson, O	A	A	P			
			36	Kirschvink, J	A	A	P			
			37	Orphan, V	A	A	P			
			38	Schneider, T	A	A	P			
			HISTORY							
			Hum/H 002	3-0-6	American History <i>Attendance at first class is required // Maximum enrollment: 15 students per section // Class</i>	01	Kousser, J	TR 14:30 - 15:55	127 BAX	G
						02	Kousser, J	T 19:30 - 21:25	127 BAX	G
								R 19:30 - 20:25	127 BAX	

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HISTORY							
Hum/H 003B	3-0-6	European Civilization: Early Modern Europe <i>Attendance at the first class is required // Maximum enrollment: 15 students // Class closed to continuing students until term start</i>	01	Wey-Gomez, N	TR 09:00 - 10:25	127 BAX	
Hum/H 003C	3-0-6	European Civilization: Modern Europe <i>Attendance at the first class is required // Maximum enrollment: 15 students // Class closed to continuing students until term start // class will meet in 237 Baxter on Thursday, 10/8/15</i>	01	Dennison, T	TR 14:30 - 15:55	128 BAX	
H 098	+	Reading in History	01	Dennison, T	A	A	P
H 099A	1-0-8	Research Tutorial	01 02 03 04 05 06 07 08	Hoffman, P Brown, W Kiewiet, D Dennison, T Brewer, J Buchwald, J Wey-Gomez, N Kousser, J	A A A A A A A A	A A A A A A A A	
H 125	3-0-6	Soviet Russia <i>Maximum enrollment: 15 students // class will meet in 237 Baxter on Thursday, 10/8/15</i>	01	Dennison, T	TR 13:00 - 14:25	128 BAX	G
H 128	3-0-6	Sustainability and Conservation in the Early Modern World <i>Maximum enrollment: 15 students</i>	01	Pluymers, K	MWF 10:00 - 10:55	117 DAB	
HPS/H 164	3-0-6	History of Space Exploration <i>Maximum enrollment: 15 students</i>	01	Siddiqi, A	TR 10:30 - 11:55	115 DAB	G
H/HPS 185	3-0-6	Angels and Monsters: Cosmology, Anthropology, and the Ends of the World <i>Maximum enrollment: 15 students // class will meet in Dabney TR on Thursday, 10/8/15 //class will meet in 19 Baxter on 11/19</i>	01	Wey-Gomez, N	TR 13:00 - 14:25	125 BAX	G

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HISTORY AND PHILOSOPHY OF SCIENCE							
HPS098	+	Reading in History and Philosophy of Science	01	Hitchcock, C	A	A	P
HPS102A	+	Senior Research Seminar	01	Hitchcock, C	A	A	P
			02	Quartz, S	A	A	P
			03	Manning, G	A	A	P
HPS103	1-0-0	Public Lecture Series	01	Eberhardt, F	A	A	P
HPS/PI 123	3-0-6	Introduction to the Philosophy of Physics <i>Maximum enrollment: 15 students</i>	01	Sebens, C	TR 14:30 - 15:55	121 BCK	
HPS/PI 134	3-0-6	Current Issues in Philosophical Psychology <i>Issue: Language and Innateness // Maximum enrollment: 15 students</i>	01	Cowie, F	W 19:00 - 21:55	127 BAX	G
HPS/H 164	3-0-6	History of Space Exploration <i>Maximum enrollment: 15 students</i>	01	Siddiqi, A	TR 10:30 - 11:55	115 DAB	G
H/HPS 185	3-0-6	Angels and Monsters: Cosmology, Anthropology, and the Ends of the World <i>Maximum enrollment: 15 students // class will meet in Dabney TR on Thursday, 10/8/15 //class will meet in 19 Baxter on 11/19</i>	01	Wey-Gomez, N	TR 13:00 - 14:25	125 BAX	G
HUMANITIES							
Hum/H 002	3-0-6	American History <i>Attendance at first class is required // Maximum enrollment: 15 students per section // Class closed to continuing students until term start // Grades only for non-frosh // sec 1 will meet in 19 Bax on 10/8/15</i>	01	Kousser, J	TR 14:30 - 15:55	127 BAX	G
			02	Kousser, J	T 19:30 - 21:25	127 BAX	G
					R 19:30 - 20:25	127 BAX	
Hum/H 003B	3-0-6	European Civilization: Early Modern Europe <i>Attendance at the first class is required // Maximum enrollment: 15 students // Class closed to continuing students until term start</i>	01	Wey-Gomez, N	TR 09:00 - 10:25	127 BAX	

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HUMANITIES							
Hum/H 003C	3-0-6	European Civilization: Modern Europe <i>Attendance at the first class is required // Maximum enrollment: 15 students // Class closed to continuing students until term start // class will meet in 237 Baxter on Thursday, 10/8/15</i>	01	Dennison, T	TR 14:30 - 15:55	128 BAX	
Hum/En 005	3-0-6	Major British Authors <i>Attendance at the first class is required // Maximum enrollment: 15 students per section // Class closed to continuing students until term start. // Sec 1 Grades only for non-frosh</i>	01 02 03 04	Pigman, G Saltzman, B Jahner, J Gilmore, D	TR 14:30 - 15:55 TR 09:00 - 10:25 TR 14:30 - 15:55 TR 14:30 - 15:55	115 DAB 115 DAB 151 BRN 117 DAB	
Hum/PI 008	3-0-6	Right and Wrong <i>Attendance at first class is required // Maximum enrollment: 15 students per section // Class closed to continuing students until term start</i>	01 02	Quartz, S Quartz, S	TR 13:00 - 14:25 TR 14:30 - 15:55	33 BAX 33 BAX	
Hum/PI 009	3-0-6	Knowledge and Reality <i>Attendance at the first class is required // Maximum enrollment: 15 students per section // Class closed to continuing students until term start.</i>	01 02	Eberhardt, F Eberhardt, F	TR 09:00 - 10:25 TR 14:30 - 15:55	TR DAB TR DAB	
LANGUAGES							
L 102A	3-0-6	Elementary French	01	Orcel, C	MWF 12:00 - 12:55	115 DAB	
L 103A	3-0-6	Intermediate French	01	Merrill, T	T 18:00 - 18:55 R 19:00 - 19:55 F 12:00 - 12:55	117 DAB 117 DAB 117 DAB	
L 106A	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	
L 107A	5-1-4	Intermediate Japanese <i>Maximum Enrollment: 20 students</i>	01	Hirata, K	TWR 12:00 - 12:55	128 BAX	G

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LANGUAGES							
L 108A	3-1-6	Advanced Japanese <i>Maximum Enrollment: 20 students</i>	01	Hirata, K	TWR 16:00 - 16:55	115 DAB	G
L/F 109	3-0-6	Introduction to French Cinema from Its Beginning to the Present <i>Maximum enrollment: 15 students</i>	01	Orcel, C	MW 20:30 - 21:55	117 DAB	
L 110A	3-0-6	Elementary Spanish <i>Sec 2: Maximum Enrollment of 20 students</i>	01 02	Garcia, D Arjona, G	MWR 12:00 - 12:55 MR 19:00 - 20:25	228 BAX 228 BAX	
L 112A	3-0-6	Intermediate Spanish	01	Garcia, D	MW 19:15 - 20:45	115 DAB	
L 114A	3-0-6	Spanish and Latin American Literature <i>Maximum enrollment: 20 students</i>	01	Arjona, G	M 13:00 - 14:55 R 14:00 - 14:55	228 BAX 102 SPL	
L 130A	3-0-6	Elementary German	01	Aebi, A	MWR 13:00 - 13:55	117 DAB	
L 132A	3-0-6	Intermediate German	01	Aebi, A	MWR 12:00 - 12:55	117 DAB	
L 170A	4-1-5	Introduction to Chinese	01	Wang, X	TR 20:30 - 21:25 W 16:00 - 16:55	128 BAX 128 BAX	
L 171A	5-0-4	Elementary Chinese	01	Ming, F	TW 19:00 - 20:25	117 DAB	
L 172A	4-1-5	Intermediate Chinese	01	Wang, X	TR 19:00 - 20:25	128 BAX	
L 173A	3-1-6	Advanced Chinese	01	Ming, F	T 20:30 - 21:55 W 17:00 - 18:25	117 DAB 117 DAB	
MATERIALS SCIENCE							
MS 078A	+	Senior Thesis	01 02 03 04 05	Johnson, W Haile, S Greer, J Snyder, G Goddard, W	A A A A A	A A A A A	P P P P P

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MATERIALS SCIENCE							
MS 100	+	Advanced Work in Materials Science	01	Fultz, B	A	A	P
			02	Lewis, N	A	A	P
			03	Snyder, G	A	A	P
			04	Davis, M	A	A	P
APh/MS 105A	3-0-6	States of Matter	01	Johnson, W	MW 13:00 - 14:25	104 WAT	G
MS 110A	1-0-0	Materials Research Lectures	01	Minnich, A	W 16:00 - 16:55	106 SPL	P
MS 115	3-0-6	Fundamentals of Materials Science	01	Faber, K	MWF 09:00 - 09:55	135 GTS/TOM	
MS/APh 122	0-4-5	Diffraction, Imaging, and Structure	01	Garland, C	OM,T 13:00 - 13:55	042 KCK	
MS 132	3-0-6	Diffraction and Structure	01	Fultz, B	TR 09:00 - 10:25	104 WAT	
MS 200	+	Advanced Work in Materials Science	01	Ahn, C	A	A	P
			02	Atwater, H	A	A	P
			03	Greer, J	A	A	P
			04	Fultz, B	A	A	P
			05	Goddard, W	A	A	P
			06	Haile, S	A	A	P
			07	Johnson, W	A	A	P
			08	van de Walle, A	A	A	P
			09	Heath, J	A	A	P
			10	Snyder, G	A	A	P
			11	Daraio, C	A	A	P
			12	Haile, S	A	A	P
			13	Ortiz, M	A	A	P
			14	Roukes, M	A	A	P
			15	Lewis, N	A	A	P
			16	Minnich, A	A	A	P
			17	Bhattacharya, K	A	A	P

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MATERIALS SCIENCE							
MS 200	+	Advanced Work in Materials Science	18	Bhattacharya, K	A	A	P
			19	Faber, K	A	A	P
			20	Kochmann, D	A	A	P
			21	Bernardi, M	A	A	P
MS 300	+	Thesis Research	01	Atwater, H	A	A	P
			02	van de Walle, A	A	A	P
			03	Rosakis, A	A	A	P
			04	Fultz, B	A	A	P
			05	Goddard, W	A	A	P
			06	Haile, S	A	A	P
			07	Johnson, W	A	A	P
			08	Greer, J	A	A	P
			09	Ortiz, M	A	A	P
			10	Heath, J	A	A	P
			11	Snyder, G	A	A	P
			12	Cross, M	A	A	P
			13	Lewis, N	A	A	P
			14	Bhattacharya, K	A	A	P
			15	Minnich, A	A	A	P
			16	Faber, K	A	A	P
MATHEMATICS							
Ma 001A	4-0-5	Calculus of One and Several Variables and Linear Algebra	01	Hadian-Jazi, M	MTWF 10:00 - 10:55 R 19:30 - 20:55	151 SLN 151 SLN	P
			02	Katz, N	MWF 10:00 - 10:55 R 09:00 - 09:55	Lecture Hall BAX 159 SLN	P
			03	Katz, N	MWF 10:00 - 10:55 R 09:00 - 09:55	Lecture Hall BAX 257 SLN	P
			04	Katz, N	MWF 10:00 - 10:55 R 10:00 - 10:55	Lecture Hall BAX 11 DWN	P
			05	Katz, N	MWF 10:00 - 10:55 R 10:00 - 10:55	Lecture Hall BAX 119 DWN	P
			07	Katz, N	MWF 10:00 - 10:55	Lecture Hall BAX	P

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MATHEMATICS							
Ma 001A	4-0-5	Calculus of One and Several Variables and Linear Algebra	07	Katz, N	R 13:00 - 13:55	11 DWN	P
			08	Katz, N	MWF 10:00 - 10:55	Lecture Hall BAX	P
					R 13:00 - 13:55	107 DWN	
			10	Katz, N	MWF 10:00 - 10:55	Lecture Hall BAX	P
				R 14:00 - 14:55	11 DWN		
Ma 002	4-0-5	Differential Equations <i>Sections 1-6, 13-14 Practical track, sections 7 & 11 Analytical track // taught concurrently with Ma 102</i>	01	Zhou, G	MWF 10:00 - 10:55	22 GTS	G
					R 09:00 - 09:55	151 SLN	
			02	Zhou, G	MWF 10:00 - 10:55	22 GTS	G
					R 10:00 - 10:55	159 SLN	
			03	Zhou, G	MWF 10:00 - 10:55	22 GTS	G
					R 10:00 - 10:55	151 SLN	
			04	Zhou, G	MWF 10:00 - 10:55	22 GTS	G
					R 10:00 - 10:55	142 KCK	
			05	Zhou, G	MWF 10:00 - 10:55	22 GTS	G
					R 13:00 - 13:55	257 SLN	
			06	Zhou, G	MWF 10:00 - 10:55	22 GTS	G
					R 14:00 - 14:55	27 GTS	
			07	Makarov, N	MWF 10:00 - 10:55	119 KRK	G
					R 09:00 - 09:55	153 SLN	
			11	Makarov, N	MWF 10:00 - 10:55	119 KRK	G
					R 13:00 - 13:55	27 GTS	
			13	Zhou, G	MWF 10:00 - 10:55	22 GTS	G
					R 09:00 - 09:55	142 KCK	
			14	Zhou, G	MWF 10:00 - 10:55	22 GTS	G
					R 13:00 - 13:55	102 STL	
Ma 005A	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 105a</i>	01	Tsai, P	MWF 09:00 - 09:55	151 SLN	
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics	01	Sheffer, A	MWF 13:00 - 13:55	119 KRK	
Ma 008	3-0-0	Problem Solving in Calculus	01	Ramakrishnan, D	TR 20:00 - 21:25	269 LAU	

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MATHEMATICS							
Ma 010	2-0-1	Oral Presentation	01	Mantovan, E	T 14:00 - 15:55	257 SLN	P
Ma 017	2-0-2	How to Solve It	01	Katz, N	T 19:00 - 19:55	159 SLN	P
Ma 020	1-0-0	Frontiers in Mathematics	01	Katz, N	T 12:00 - 12:55	151 SLN	P
Ma 092A	+	Senior Thesis	01	Zhu, X	A	A	P
			02	Ramakrishnan, D	A	A	P
Ma 098	+	Independent Reading	01	Marcolli, M	A	A	P
Ma 102	4-0-5	Differential Equations <i>Section 1 Practical Track, section 2 Analytical track // taught concurrently with Ma 2</i>	01	Zhou, G	MWF 10:00 - 10:55	22 GTS	G
			02	Makarov, N	MWF 10:00 - 10:55	119 KRK	G
Ma 105A	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 5a</i>	01	Tsai, P	MWF 09:00 - 09:55	151 SLN	
Ma 108A	3-0-6	Classical Analysis	01	Frank, R	MWF 11:00 - 11:55	151 SLN	
Ma 109A	3-0-6	Introduction to Geometry and Topology	01	Vafaei, F	MWF 10:00 - 10:55	153 SLN	
Ma 110A	3-0-6	Analysis	01	Silva, E	MWF 11:00 - 11:55	159 SLN	
Ma 111A	3-0-6	Topics in Analysis	01	Frank, R	MWF 10:00 - 10:55	159 SLN	P
Ma 116A	3-0-6	Mathematical Logic and Axiomatic Set Theory	01	Kechris, A	TR 13:00 - 14:25	151 SLN	
Ma 120A	3-0-6	Abstract Algebra	01	Solis, P	MWF 09:00 - 09:55	153 SLN	
Ma 121A	3-0-6	Combinatorial Analysis	01	Ormerod, C	TR 13:00 - 14:25	159 SLN	

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MATHEMATICS							
EE/Ma/CS 126A	3-0-6	Information Theory	01	Effros, M	MW 10:30 - 11:55	070 MRE	G
Ma 130A	3-0-6	Algebraic Geometry	01	Solis, P	MWF 13:00 - 13:55	153 SLN	
Ma/ACM 144A	3-0-6	Probability	01	Makarov, N	MWF 13:00 - 13:55	159 SLN	
Ma 145A	3-0-6	Representation Theory	01	Rains, E	MWF 13:00 - 13:55	257 SLN	
Ma 151A	3-0-6	Algebraic and Differential Topology	01	Vafaee, F	MWF 14:00 - 14:55	159 SLN	
Ma 160A	3-0-6	Number Theory	01	Flach, M	MWF 10:00 - 10:55	257 SLN	
Ma 191A	3-0-6	Selected Topics in Mathematics <i>Section 1: Algebraic Cycles, Motives, and Their Applications // Section 2: Introduction to Continuous Logic</i>	01	Hadian-Jazi, M	MW 14:00 - 15:25	151 SLN	
			02	Lupini, M	TR 10:30 - 11:55	153 SLN	
SS/Ma 214	3-0-6	Mathematical Finance <i>Class will meet in 127 Baxter on 10/16 & 11/13</i>	01	Cvitanić, J	WF 18:00 - 19:25	25 BAX	
Ma 290	+	Reading	01	Flach, M	A	A	P
			02	Frank, R	A	A	P
			03	Graber, T	A	A	P
			04	Katz, N	A	A	P
			05	Kechris, A	A	A	P
			06	Makarov, N	A	A	P
			07	Mantovan, E	A	A	P
			08	Marcolli, M	A	A	P
			09	Markovic, V	A	A	P
			10	Ni, Y	A	A	P
			11	Rains, E	A	A	P
			12	Ramakrishnan, D	A	A	P

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MATHEMATICS							
Ma 290	+	Reading	13	Zhu, X	A	A	P
Ma 390	+	Research	01	Flach, M	A	A	P
			02	Frank, R	A	A	P
			03	Graber, T	A	A	P
			04	Katz, N	A	A	P
			05	Kechris, A	A	A	P
			06	Makarov, N	A	A	P
			07	Mantovan, E	A	A	P
			08	Marcolli, M	A	A	P
			09	Markovic, V	A	A	P
			10	Ni, Y	A	A	P
			11	Rains, E	A	A	P
			12	Ramakrishnan, D	A	A	P
			13	Desbrun, M	A	A	P
			14	Preskill, J	A	A	P
			15	Gukov, S	A	A	P
			16	Zhu, X	A	A	P
MECHANICAL ENGINEERING							
ME 011A	3-0-6	Thermal Science	01	Hunt, M	MWF 14:00 - 14:55	135 GTS/TOM	G
ME 012A	3-0-6	Mechanics	01	Mello, M	TR 13:00 - 14:25	135 GTS/TOM	G
ME 013	0-4-0	Introduction to Mechanical Prototyping <i>Maximum enrollment: 25 students between ME 13 and 130. // Students must submit a questionnaire available at the Registrar's Office by June 1st.</i>	01	Van Deusen, J	OM,T 18:00 - 19:55	024 SPL	P
ME 050A	0-6-3	Experiments and Modeling in Mechanical Engineering	01	Hall, J / Blanquart, G	A	A	

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MECHANICAL ENGINEERING							
ME 065	3-0-6	Mechanics of Materials <i>class cancelled</i>	01	Staff	A	A	
ME 066	3-0-6	Vibration <i>Taught concurrently with AM/CE 151a</i>	01	Heaton, T	MWF 10:00 - 10:55	115 GTS/TOM	G
ME 072A	3-4-2	Engineering Design Laboratory	01	Mello, M / Van Deusen, J	TR 15:00 - 16:25	135 GTS/TOM	G
CS/EE/ME 075A	+	Introduction to Multidisciplinary Systems Engineering <i>3, 6 or 9 units</i>	01	Blanquart, G / Murray, R	OM,M 12:00 - 12:55	135 GTS/TOM	G
ME 090A	0-0-9	Senior Thesis, Experimental	01	Blanquart, G	A	A	G
ME 100	+	Independent Studies in Mechanical Engineering	01 02 03 04 05 06 07 08	Hunt, M Shepherd, J Colonius, T Scherer, A Burdick, J Minnich, A Rutledge, D Pickar, K	A A A A A A A A	A A A A A A A A	P P P P P P P P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	101 GUG	
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Kochmann, D	TR 09:00 - 10:25	101 GUG	G
EST/EE/ME 109	3-0-6	Energy Technology and Policy	01	Rutledge, D	TR 14:30 - 15:55	213 ANB	
ME 110	+	Special Laboratory Work in Mechanical Engineering	01	Staff	A	A	P
ME 119A	3-0-6	Heat and Mass Transfer	01	Minnich, A	MWF 14:00 - 14:55	115 GTS/TOM	

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MECHANICAL ENGINEERING							
ME 130	0-4-0	Introduction to Mechanical Prototyping <i>Maximum enrollment: 25 students between ME 13 and 130. // Students must submit a questionnaire available in the Registrar's Office by June 1st.</i>	01	Van Deusen, J	OM,T 18:00 - 19:55	024 SPL	P
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Andrade, J	R 11:00 - 11:55	135 GTS/TOM	P
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>taught concurrently with Ae 102a</i>	01	Kochmann, D	TR 09:00 - 10:25	101 GUG	G
ME 200	+	Advanced Work in Mechanical Engineering	01	Burdick, J	A	A	P
ME 201	3-0-6	Advanced Topics in Mechanical Engineering: Signal Processing, Coherent Structures, and Reduced-Order Modeling in Fluid Mechanics	01	Colonius, T	OM,M 15:00 - 15:55	115 GTS/TOM	
ME 300	+	Research in Mechanical Engineering	01	Andrade, J	A	A	P
			02	Bellan, P	A	A	P
			03	Bhattacharya, K	A	A	P
			04	Daraio, C	A	A	P
			05	Burdick, J	A	A	P
			06	Colonius, T	A	A	P
			07	Hunt, M	A	A	P
			08	Murray, R	A	A	P
			09	Ortiz, M	A	A	P
			10	Dabiri, J	A	A	P
			11	Ravichandran, G	A	A	P
			12	Shepherd, J	A	A	P
			13	Fultz, B	A	A	P
			14	Greer, J	A	A	P
			15	van de Walle, A	A	A	P
			16	Adkins, J	A	A	P
			17	Leonard, A	A	A	P
			18	Lapusta, N	A	A	P

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MECHANICAL ENGINEERING							
ME 300	+	Research in Mechanical Engineering	19	Gharib, M	A	A	P
			20	Brady, J	A	A	P
			21	Dabiri, J	A	A	P
			22	Troian, S	A	A	P
			23	Scherer, A	A	A	P
			24	Asimaki, D	A	A	P
			25	Haile, S	A	A	P
			26	Atwater, H	A	A	P
			27	Blanquart, G	A	A	P
			28	McKeon, B	A	A	P
			29	Hoffmann, M	A	A	P
			30	Kochmann, D	A	A	P
			31	Minnich, A	A	A	P
MEDICAL ENGINEERING							
MedE 099	+	Undergraduate Research in Medical Engineering	01	Staff	A	A	P
MedE 100A	1-0-0	Medical Engineering Seminar	01	Choo, H	R 16:00 - 16:55	105 ANB	P
MedE 101	3-0-6	Introduction to Clinical Physiology and Pathophysiology for Engineers	01	Petrasek, D	TR 14:30 - 15:55	100 - Rock Auditorium BRD	P
EE/MedE 124	3-0-6	Mixed-mode Integrated Circuits	01	Emami, A	WF 10:30 - 11:55	080 MRE	
BE/EE/MedE 189A	3-6-3	Design and Construction of Biodevices	01	Yang, C	TR 10:30 - 11:55	108 KCK	
BE/EE/MedE 189B	0-9-0	Design and Construction of Biodevices	01	Yang, C	MW 13:00 - 14:25	108 KCK	
MedE 205	2-0-4	New Frontiers in Medical Technologies <i>class cancelled - will be offered spring term</i>	01	Staff	A	A	P

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MEDICAL ENGINEERING							
MedE 291	+	Research in Medical Engineering	01	Burdick, J	A	A	P
			02	Choo, H	A	A	P
			03	Dabiri, J	A	A	P
			04	Emami, A	A	A	P
			05	Faraon, A	A	A	P
			06	Gharib, M	A	A	P
			07	Greer, J	A	A	P
			08	Hajimiri, S	A	A	P
			09	Scherer, A	A	A	P
			10	Tai, Y	A	A	P
			11	Yang, C	A	A	P
			12	Chandy, K	A	A	P
			13	Pickar, K	A	A	P
			14	Colonus, T	A	A	P
			15	Grubbs, R	A	A	P
			16	Ismagilov, R	A	A	P
MUSIC							
Mu 021	3-0-6	Understanding Music	01	Neenan, T	MW 14:30 - 15:55	19 BAX	
Mu 027	3-0-6	Fundamentals of Music Theory and Elementary Ear Training <i>Limited enrollment, class full</i>	01	Neenan, T	MW 11:00 - 12:25	19 BAX	
NEUROBIOLOGY							
Bi/CNS/NB 150	4-0-6	Introduction to Neuroscience <i>Maximum enrollment: 15 students per section</i>	01	Lester, H / Adolphs, R	MWF 11:00 - 11:55	100 - Rock Auditorium BRD 101 KRK	G
					R 14:00 - 14:55		
			02	Lester, H / Adolphs, R	MWF 11:00 - 11:55	100 - Rock Auditorium BRD 101 KRK	G
					R 15:00 - 15:55		
03	Lester, H / Adolphs, R	MWF 11:00 - 11:55	100 - Rock Auditorium BRD 101 KRK	G			
		R 19:00 - 19:55					
04	Lester, H / Adolphs, R	MWF 11:00 - 11:55	100 - Rock	G			

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NEUROBIOLOGY							
Bi/CNS/NB 150	4-0-6	Introduction to Neuroscience <i>Maximum enrollment: 15 students per section</i>	04	Lester, H / Adolphs, R	R 16:00 - 16:55	Auditorium BRD 101 KRK	G
CNS/Bi/Ph/CS/NB 187	3-0-6	Neural Computation	01	Perona, P	TR 10:30 - 11:55	080 MRE	
Bi/CNS/NB 195	3-0-6	Mathematics in Biology	01	Meister, M	MW 10:30 - 11:55 F 10:30 - 11:55	102 STL 151 BRN	
BE/Bi/NB 203	6-0-0	Introduction to Programming for the Biological Sciences Bootcamp <i>taught 9/14 - 9/18/15, Monday - Friday, 9am-10pm, and half day on Saturday 9/19/15 in Annenberg Auditorium</i>	01	Bois, J / Guttman, M	A	A	P
Bi/CNS/NB 216	2-0-4	Behavior of Mammals	01	Allman, J	WF 14:00 - 15:55	200 BRD	G
PERFORMANCE AND ACTIVITIES							
PA 016A	0-3-0	Cooking Basics <i>Maximum enrollment: 16 students//Location: 400 S. Hill</i>	01	Staff	T 18:30 - 21:25	A	P
PA 030A	0-3-0	Guitar <i>Sec 1: Beginning Guitar / Sec 2: Intermediate Guitar / Sec 3: Advanced Guitar</i>	01	Elgart, M	T 16:30 - 17:25	Library AVE	P
			02	Elgart, M	T 15:30 - 16:25	Library AVE	P
			03	Elgart, M	T 17:30 - 18:25	Library AVE	P
PA 031A	0-3-0	Chamber Music <i>Sec 1: Mixed Ensembles // Sec 2: Piano four-hands // Sec. 3: Guitar Ensemble</i>	01	Bing, D	OM,A	A	P
			02	Ward, R	OM,A	A	P
			03	Elgart, M	OM,A	A	P
PA 032A	0-3-0	Symphony Orchestra	01	Gross, A	T 19:30 - 22:15	Ramo Auditorium BAX	P
PA 033A	0-3-0	Concert Band	01	Bing, W	R 19:15 - 21:25	Ramo Auditorium BAX	P
PA 034A	0-3-0	Jazz Band	01	Catlin, B	M 19:15 - 21:00	Ramo Auditorium BAX	P
					M 21:15 - 22:45	Ramo Auditorium BAX	

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PERFORMANCE AND ACTIVITIES							
PA 035A	0-3-0	Women's Glee Club	01	Sulahian, N	M 19:30 - 21:25 W 17:00 - 17:55	Basement BCK Basement BCK	P
PA 036A	0-3-0	Men's Glee Club	01	Sulahian, N	M 19:30 - 21:25 W 17:00 - 17:55	Basement BCK Basement BCK	P
PA 037A	0-3-0	Chamber Singers	01	Sulahian, N	W 18:00 - 18:55	Basement BCK	P
PA 040A	2-0-1	Theater Arts	01	Brophy, B	OM,W 19:30 - 20:25	Ramo Auditorium BAX	P
PA 061A	0-3-0	Silkscreen and Silk Painting	01	Barry, J	M 19:00 - 21:55	Garage TCT	P
PA 062A	0-3-0	Drawing and Painting	01	Barry, J	T 19:00 - 21:55	Garage TCT	P
PA 063A	0-3-0	Ceramics	01	Freed, S	W 19:00 - 21:55	Ceramic Room POLY	P
PHILOSOPHY							
Hum/PI 008	3-0-6	Right and Wrong <i>Attendance at first class is required // Maximum enrollment: 15 students per section // Class closed to continuing students until term start</i>	01	Quartz, S	TR 13:00 - 14:25	33 BAX	
			02	Quartz, S	TR 14:30 - 15:55	33 BAX	
Hum/PI 009	3-0-6	Knowledge and Reality <i>Attendance at the first class is required // Maximum enrollment: 15 students per section // Class closed to continuing students until term start.</i>	01	Eberhardt, F	TR 09:00 - 10:25	TR DAB	
			02	Eberhardt, F	TR 14:30 - 15:55	TR DAB	
PI 090A	1-0-8	Senior Thesis	01	Staff	A	A	G
PI 098	+	Reading in Philosophy	01	Hitchcock, C	A	A	P
			02	Manning, G	A	A	P

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PHILOSOPHY							
PI 100	3-0-6	Free Will <i>Maximum enrollment: 25 students</i>	01	Hitchcock, C	TR 10:30 - 11:55	228 BAX	
HPS/PI 123	3-0-6	Introduction to the Philosophy of Physics <i>Maximum enrollment: 15 students</i>	01	Sebens, C	TR 14:30 - 15:55	121 BCK	
HPS/PI 134	3-0-6	Current Issues in Philosophical Psychology <i>Issue: Language and Innateness // Maximum enrollment: 15 students</i>	01	Cowie, F	W 19:00 - 21:55	127 BAX	G
PHYSICAL EDUCATION							
PE 001	3-0-0	Student Designed Fitness	01	Carter, J	MW 13:00 - 13:55	BRW	P
PE 003	3-0-0	Hiking	01	Raphelson, B / Murray, P	F 11:00 - 14:55	BRW	P
PE 006	3-0-0	Core Training, Beginning/Intermediate	01	Leavitt, J	TR 13:00 - 14:25	MPR BAC	P
PE 008	3-0-0	Fitness Training, Beginning <i>class cancelled</i>	01	Staff	A	A	P
PE 010	3-0-0	Aerobic Dance	01	Waterman, D / Hazen, K	MW 19:00 - 20:25	MPR BAC	P
PE 020	3-0-0	Fencing, Beginning and Intermediate/Advanced	01	Corbit, C	TR 10:30 - 11:55	BRW	P
PE 024	3-0-0	Yoga, Beginning	01	Flynn, K / Alvarado-Orozco, J	TR 20:00 - 21:25	MPR BAC	P
PE 028	3-0-0	Flying Saucers <i>class cancelled</i>	01	Staff	A	A	P
PE 031	3-0-0	Indoor/Outdoor Cycling <i>class cancelled</i>	01	Staff	A	A	P
PE 033	3-0-0	Beginning Triathlon Training	01	Marbut, S	TR 10:30 - 11:55	BRW	P

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PHYSICAL EDUCATION							
PE 035	3-0-0	Diving, Beginning/Intermediate <i>class cancelled</i>	01	Staff	A	A	P
PE 036	3-0-0	Swimming, Beginning/Intermediate and Advanced	01	Bonafede, J	MWF 14:00 - 14:55	POOL BAC	P
PE 044	3-0-0	Karate (Shotokan), Beginning and Intermediate/Advanced	01	Teramoto, K	TR 16:00 - 17:25	MPR BAC	P
PE 054	3-0-0	Racquetball, Beginning and Intermediate/Advanced	01	Mark, M	MWF 10:00 - 10:55	BAC	P
PE 060	3-0-0	Tennis, Beginning, Intermediate, and Advanced	01	Eslinger, O	MWF 13:00 - 13:55	TCT BAC	P
PE 070	3-0-0	Weight Training, Beginning/Intermediate	01 02	Alway, S / Marbut, S Hughes, R / Gardner, T	MWF 14:00 - 14:55 TR 13:00 - 14:25	BAC BAC	P P
PE 080A	1-1-1	Health Advocates	01	Stapf, M	W 19:00 - 21:55	YHC	P
PE 081	3-0-0	Bouldering	01	Held, R	TR 09:00 - 10:25	BRW	P
PE 082	3-0-0	Rock Climbing, Beginning and Intermediate	01	Held, R	TR 10:30 - 11:55	BRW	P
PE 083A	3-0-0	Intercollegiate Basketball Team (Women)	01	Marbut, S	MTWRFS 16:00 - 17:55	BAC	P
PE 087A	3-0-0	Intercollegiate Swimming Team (Men and Women)	01	Leavitt, J	MTWRFS 16:00 - 17:55	POOL BAC	P
PE 089A	3-0-0	Intercollegiate Fencing Team (Men and Women)	01	Corbit, C	TR 20:00 - 21:55	BRW	P
PE 090A	3-0-0	Intercollegiate Water Polo Team (Men & Women)	01	Bonafede, J	MTWRFS 16:00 - 17:55	POOL BAC	P
PE 091A	3-0-0	Intercollegiate Basketball Team (Men)	01	Eslinger, O	MTWRFS 16:00 - 17:55	BAC	P

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PHYSICAL EDUCATION							
PE 092	3-0-0	Intercollegiate Soccer Team (Men)	01	Murray, P	MTWRFS 16:00 - 17:55	NOF BAC	P
PE 097	3-0-0	Intercollegiate Cross Country Team (Men and Women)	01	Raphelson, B	MTWRFS 16:00 - 17:55	TRK BAC	P
PE 099	3-0-0	Intercollegiate Volleyball Team (Women)	01	Gardner, T	MTWRFS 16:00 - 17:55	BAC	P
PHYSICS							
Ph 001A	4-0-5	Classical Mechanics and Electromagnetism	01	Patterson, R	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 155 ARM	P
			02	Patterson, R	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 119 KRK	P
			03	Patterson, R	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 142 KCK	P
			04	Patterson, R	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 142 KCK	P
			05	Patterson, R	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 119 DWN	P
			06	Patterson, R	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 103 DWN	P
			07	Patterson, R	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 22 GTS	P
			08	Patterson, R	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 11 DWN	P
			09	Patterson, R	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 269 LAU	P
			10	Patterson, R	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 119 DWN	P
Ph 002A	4-0-5	Waves, Quantum Mechanics, and Statistical Physics <i>Maximum enrollment: 35 students per section</i>	01	Martin, C / Politzer, H	R 11:00 - 11:55 T 11:00 - 11:55 WF 09:00 - 09:55	269 LAU 201 BRG 11 DWN	G
			02	Martin, C / Politzer, H	R 11:00 - 11:55	269 LAU	G

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PHYSICS							
Ph 002A	4-0-5	Waves, Quantum Mechanics, and Statistical Physics <i>Maximum enrollment: 35 students per section</i>	02	Martin, C / Politzer, H	T 11:00 - 11:55 WF 11:00 - 11:55	201 BRG 11 DWN	G
			03	Martin, C / Politzer, H	R 11:00 - 11:55 T 11:00 - 11:55 WF 11:00 - 11:55	269 LAU 201 BRG 103 DWN	G
			04	Martin, C / Politzer, H	R 11:00 - 11:55 T 11:00 - 11:55 WF 13:00 - 13:55	269 LAU 201 BRG 102 STL	G
			05	Martin, C / Politzer, H	R 11:00 - 11:55 T 11:00 - 11:55 WF 13:00 - 13:55	269 LAU 201 BRG 11 DWN	G
			06	Martin, C / Politzer, H	R 11:00 - 11:55 T 11:00 - 11:55 WF 15:00 - 15:55	269 LAU 201 BRG 11 DWN	G
			07	Martin, C / Politzer, H	R 11:00 - 11:55 T 11:00 - 11:55 WF 11:00 - 11:55	269 LAU 201 BRG 107 DWN	G
			Ph 003	0-3-3	Physics Laboratory <i>Maximum enrollment: 24 students per section</i>	01	Black, E / Libbrecht, K
02	Black, E / Libbrecht, K	R 13:00 - 15:55 OM,M 13:00 - 13:55				308 BRG 201 BRG	
03	Black, E / Libbrecht, K	F 13:00 - 15:55 OM,M 13:00 - 13:55				308 BRG 201 BRG	
Ph 005	0-5-4	Analog Electronics for Physicists	01	Rice, F / Libbrecht, K	OM,T 15:00 - 15:55	201 BRG	
FS/Ph 009	2-0-4	Freshman Seminar: The Science of Music <i>Maximum enrollment: 11 students</i>	01	Politzer, H	MW 15:00 - 15:55	248 LAU	P
Ph 010	2-0-1	Frontiers in Physics <i>Maximum enrollment: 33 students</i>	01	Soifer, B	W 12:00 - 13:55	114 EBRG	P
FS/Ph 011A	2-0-4	Freshman Seminar: Research Tutorial	01	Phillips, R	A	201 SLN	P

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PHYSICS							
Ph 012A	4-0-5	Waves, Quantum Physics, and Statistical Mechanics	01	Chen, X	T 10:30 - 11:55 R 10:30 - 11:55	269 LAU 201 BRG	
Ph 020	0-6-0	Computational Physics Laboratory I	01	Mach, C / Weinstein, A	OM,M 15:00 - 15:55	304 BRG	P
Ph 050A	1-0-3	Caltech Physics League	01	Refael, G	OM,M 14:00 - 14:55	114 EBRG	
Ph 070	2-0-4	Oral and Written Communication	01	Hitlin, D	T 14:00 - 15:55	469 LAU	G
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 078A	9-0-0	Senior Thesis, Experimental	01	Stone, E	A	A	P
Ph 079A	9-0-0	Senior Thesis, Theoretical	01	Stone, E	A	A	P
Ph 105	3-0-6	Analog Electronics for Physicists	01	Rice, F / Libbrecht, K	OM,T 15:00 - 15:55	201 BRG	
Ph 106A	3-0-6	Topics in Classical Physics	01	Chen, Y	TR 10:30 - 11:55	107 DWN	
Ph/APh/EE/BE 118A	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	
Ph 125A	3-0-6	Quantum Mechanics	01	Wise, M	MWF 10:00 - 10:55	107 DWN	
Ph 127A	3-0-6	Statistical Physics	01	Alicea, J	MW 13:00 - 14:25	107 DWN	
Ph 129A	3-0-6	Mathematical Methods of Physics	01	Porter, F	TR 09:00 - 10:25	103 DWN	

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PHYSICS							
Ph 135A	3-0-6	Applications of Quantum Mechanics	01	Motrunich, O	TR 13:00 - 14:25	103 DWN	
Ph 136A	3-0-6	Applications of Classical Physics <i>class cancelled</i>	01	Staff	A	A	
Ph 171	+	Reading and Independent Study	01	Preskill, J	A	A	P
			02	Refael, G	A	A	P
			03	Cross, M	A	A	P
			04	Carroll, S	A	A	P
			05	Schwarz, J	A	A	P
			06	Phillips, R	A	A	P
			07	Motrunich, O	A	A	P
			08	Kapustin, A	A	A	P
			09	Simon, B	A	A	P
			10	Chen, Y	A	A	P
			11	Porter, F	A	A	P
			12	Cheung, C	A	A	P
			13	Chen, X	A	A	P
			17	Wilson, R	A	A	P
			19	Libbrecht, K	A	A	P
			20	Troian, S	A	A	P
			21	Phinney, E	A	A	P
			22	Gukov, S	A	A	P
			24	Oguri, H	A	A	P
			25	Wise, M	A	A	P
			26	Golwala, S	A	A	P
			27	Weinstein, A	A	A	P
			28	Makarov, N	A	A	P
			29	Prince, T	A	A	P
			30	Hitlin, D	A	A	P
			31	Alicea, J	A	A	P
			32	Scheel, M	A	A	P

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PHYSICS							
Ph 172	+	Research in Experimental Physics	01	Barish, B	A	A	P
			02	Ellis, R	A	A	P
			03	Golwala, S	A	A	P
			04	Bellan, P	A	A	P
			05	Eisenstein, J	A	A	P
			06	Filippone, B	A	A	P
			07	Scherer, A	A	A	P
			08	Wise, M	A	A	P
			09	Flagan, R	A	A	P
			10	Adhikari, R	A	A	P
			11	Harrison, F	A	A	P
			12	Hitlin, D	A	A	P
			13	Porter, F	A	A	P
			14	Scoville, N	A	A	P
			15	Fraser, S	A	A	P
			16	Kimble, H	A	A	P
			17	Prince, T	A	A	P
			18	Zewail, A	A	A	P
			19	Libbrecht, K	A	A	P
			20	Patterson, R	A	A	P
			21	Martin, C	A	A	P
			22	Troian, S	A	A	P
			23	Hsieh, D	A	A	P
			24	Beauchamp, J	A	A	P
			25	Bock, J	A	A	P
			26	Phillips, R	A	A	P
			27	Winfree, E	A	A	P
			28	Heath, J	A	A	P
			29	Atwater, H	A	A	P
			30	Hsieh, D	A	A	P
			31	Okumura, M	A	A	P
			32	Haile, S	A	A	P
			33	Schwab, K	A	A	P

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

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PHYSICS							
Ph 173	+	Research in Theoretical Physics	17	Alicea, J	A	A	P
			18	Hopkins, P	A	A	P
			19	Scheel, M	A	A	P
			20	Yue, Y	A	A	P
			21	Libbrecht, K	A	A	P
			22	Prince, T	A	A	P
			23	Scoville, N	A	A	P
			24	Oguri, H	A	A	P
			25	Cheung, C	A	A	P
			26	Chen, X	A	A	P
			27	Hsieh, D	A	A	P
			30	Preskill, J	A	A	P
			38	Rosenbaum, T	A	A	P
			39	Thorne, K	A	A	P
			43	Wise, M	A	A	P
			44	Cross, M	A	A	P
			47	Phillips, R	A	A	P
			49	Wilson, R	A	A	P
			50	Kitaev, A	A	A	P
			51	Refael, G	A	A	P
52	Goddard, W	A	A	P			
53	Stevenson, D	A	A	P			
54	Bernardi, M	A	A	P			
CNS/Bi/Ph/CS/NB 187	3-0-6	Neural Computation	01	Perona, P	TR 10:30 - 11:55	080 MRE	
Ph 205A	3-0-6	Relativistic Quantum Field Theory	01	Gukov, S	MW 10:30 - 11:55	269 LAU	
Ph/CS 219A	3-0-6	Quantum Computation	01	Kitaev, A	MW 14:30 - 15:55	269 LAU	P
Ph 229A	3-0-6	Advanced Mathematical Methods of Physics <i>class cancelled</i>	01	Staff	A	A	

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PHYSICS							
Ph 230A	3-0-6	Elementary Particle Theory	01	Kapustin, A	MW 09:00 - 10:25	469 LAU	P
Ph 236A	3-0-6	Relativity	01	Scheel, M	TR 14:30 - 15:55	269 LAU	P
Ph 237	3-0-6	Gravitational Waves <i>class cancelled - to be offered spring term</i>	01	Staff	A	A	
Ph 242A	2-0-1	Physics Seminar	01	Stone, E	F 12:00 - 13:55	114 BRG	P
Ph 300	+	Thesis Research	01	Newman, H	A	A	P
			02	Zmuidzinas, J	A	A	P
			03	Cross, M	A	A	P
			04	Kennedy, M	A	A	P
			05	Phillips, T	A	A	P
			06	Filippone, B	A	A	P
			07	Marcolli, M	A	A	P
			08	Bock, J	A	A	P
			09	Readhead, A	A	A	P
			10	Phillips, R	A	A	P
			11	Harrison, F	A	A	P
			12	Hitlin, D	A	A	P
			13	Eisenstein, J	A	A	P
			14	Oguri, H	A	A	P
			15	Barish, B	A	A	P
			16	Kimble, H	A	A	P
			17	Zewail, A	A	A	P
			18	Lester, H	A	A	P
			19	Libbrecht, K	A	A	P
			20	Desbrun, M	A	A	P
			21	Martin, A	A	A	P
			22	Martin, C	A	A	P
			23	McKeown, R	A	A	P
			24	Kapustin, A	A	A	P

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PHYSICS							
Ph 300	+	Thesis Research	25	Bellan, P	A	A	P
			26	Winfree, E	A	A	P
			27	Ellis, R	A	A	P
			28	Motrunich, O	A	A	P
			29	Refael, G	A	A	P
			30	Preskill, J	A	A	P
			31	Adhikari, R	A	A	P
			32	Gukov, S	A	A	P
			33	Painter, O	A	A	P
			34	Roukes, M	A	A	P
			35	Kitaev, A	A	A	P
			36	Schwarz, J	A	A	P
			37	Marcus, R	A	A	P
			38	Stone, E	A	A	P
			39	Thorne, K	A	A	P
			40	Goddard, W	A	A	P
			41	Golwala, S	A	A	P
			42	Wilson, R	A	A	P
			43	Wise, M	A	A	P
			44	Yeh, N	A	A	P
			45	Troian, S	A	A	P
			46	Gharib, M	A	A	P
			47	Weinstein, A	A	A	P
			48	Chen, Y	A	A	P
			49	Fraser, S	A	A	P
			50	Spiropulu, M	A	A	P
			51	Phinney, E	A	A	P
			52	Heath, J	A	A	P
			53	Hirata, C	A	A	P
			54	Ott, C	A	A	P
			55	Atwater, H	A	A	P
			56	Carroll, S	A	A	P
			57	Daraio, C	A	A	P

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PHYSICS							
Ph 300	+	Thesis Research	58	Schwab, K	A	A	P
			59	Porter, F	A	A	P
			60	Cheung, C	A	A	P
POLITICAL SCIENCE							
PS 012	3-0-6	Introduction to Political Science	01	Ordeshook, P	MWF 15:00 - 15:55	Lecture Hall BAX	G
PS 097	+	Undergraduate Research	01	Alvarez, R	A	A	P
PS 099A	3-0-6	Political Science Research Seminar <i>Designated as Writing Intensive Course</i>	01	Ordeshook, P	A	A	
PS 121	3-0-6	Analyzing Congress	01	Hirsch, A	TR 13:00 - 14:25	228 BAX	
PS 132	3-0-6	Formal Theories in Political Science	01	Agranov, M	TR 10:30 - 11:55	19 BAX	G
Ec/PS 160A	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260 // Ec/PS 190A required for 190B and 190C //Maximum enrollment: 10 students in 160a and SS 260</i>	01	Plott, C	TR 09:00 - 10:25	125 BAX	G
PSYCHOLOGY							
Psy016	3-0-6	Understanding Psychological Disorders <i>Maximum enrollment: 25 students</i>	01	Paul, L	TR 10:30 - 11:55	25 BAX	
Psy020	3-0-6	Introduction to Cognitive Psychology <i>Maximum enrollment: 30 students</i>	01	Tudusciuc, O	MW 13:00 - 14:25	25 BAX	
Ec/Psy 109	3-0-6	Frontiers in Behavioral Economics <i>class will meet in 142 Keck on 10/16 & 11/13</i>	01	Camerer, C	MWF 15:00 - 15:55	25 BAX	G
SS/Psy/CNS 285	3-0-0	Topics in Social, Cognitive, and Decision Sciences <i>Open to undergraduates with instructor approval</i>	01	Adolphs, R / Alvarez, R	M 19:00 - 20:55	127 BAX	

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SOCIAL SCIENCE							
SS 098	+	Reading in Social Science	01	Staff	A	A	P
SS 201A	3-0-6	Analytical Foundations of Social Science <i>Open to Social Science graduate students only.</i>	01	Saito, K	TR 13:00 - 14:25	127 BAX	G
SS 202A	3-0-6	Political Theory <i>Open to Social Science graduate students only.</i>	01	Hirsch, A	TR 10:30 - 11:55	125 BAX	G
SS 205A	3-0-6	Foundations of Economics <i>Open to Social Science graduate students only.</i>	01	Border, K	MW 14:30 - 15:55	127 BAX	G
SS/Ma 214	3-0-6	Mathematical Finance <i>Class will meet in 127 Baxter on 10/16 & 11/13</i>	01	Cvitanic, J	WF 18:00 - 19:25	25 BAX	
SS 222A	3-0-6	Econometrics <i>Open to graduate students only.</i>	01	Shum, M	MW 13:00 - 14:25	128 BAX	G
SS 223A	3-0-6	Advanced Topics in Econometric Theory	01	Sherman, R	MT 17:30 - 18:55	127 BAX	G
SS 225	3-0-6	Experimetrics	01	Agranov, M / Gillen, B	F 09:00 - 11:55	128 BAX	G
SS 229A	3-0-6	Theoretical and Quantitative Dimensions of Historical Development	01	Rosenthal, J	MW 09:00 - 10:25	128 BAX	G
SS 231C	3-0-6	American Politics	01	Alvarez, R	T 13:00 - 15:55	19 BAX	G
SS 260	3-3-3	Experimental Methods of Political Economy <i>Taught concurrently with Ec/PS 160 // Note: sec a required for secs b and c /Maximum enrollment: 10 students in 160a & 260a</i>	01	Plott, C	TR 09:00 - 10:25	125 BAX	G
SS 282A	2-0-1	Graduate Proseminar in Social Science	01	Echenique, F	M 13:00 - 14:25	127 BAX	P
SS/Psy/CNS 285	3-0-0	Topics in Social, Cognitive, and Decision Sciences <i>Open to undergraduates with instructor</i>	01	Adolphs, R / Alvarez, R	M 19:00 - 20:55	127 BAX	

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SOCIAL SCIENCE										
SS 300	+	Research in Social Science	01	Ledyard, J	A	A	P			
			02	Plott, C	A	A	P			
			03	Echenique, F	A	A	P			
			04	Camerer, C	A	A	P			
			05	Katz, J	A	A	P			
			06	Cvitanic, J	A	A	P			
			07	Snowberg, E	A	A	P			
			08	Bossaerts, P	A	A	P			
			09	Rangel, A	A	A	P			
			10	Kiewiet, D	A	A	P			
			11	Alvarez, R	A	A	P			
			12	Sherman, R	A	A	P			
			13	Jackson, M	A	A	P			
			15	Goeree, J	A	A	P			
			16	Rosenthal, J	A	A	P			
			17	Yariv, L	A	A	P			
			18	Palfrey, T	A	A	P			
			19	Shum, M	A	A	P			
			20	Gillen, B	A	A	P			
			22	Hoffman, P	A	A	P			
			23	O'Doherty, J	A	A	P			
			24	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			

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STUDY ABROAD							
EPT100	36-0-0	Ecole Polytechnique Scholars Program	01	Staff	A	A	P
MEL100	0-0-0	Melbourne Scholars Program	01	Staff	A	A	P
WRITING							
Wr 001	3-0-6	Introduction to Academic Writing for Multilingual Writers	01	Daley, C	MF 12:30 - 13:55	SFL	P
Wr 002	3-0-6	Introduction to Academic Writing	01	Daley, C	TR 09:00 - 10:25	SFL	P
			02	Daley, C	TR 14:30 - 15:55	106 ANB	P
Wr 050	+	Tutorial in Writing	01	Hall, S	A	A	P