

**CALIFORNIA INSTITUTE OF TECHNOLOGY**  
**OFFICE OF THE REGISTRAR**  
**Course Schedule FA 2017-18**

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

## KEY TO ABBREVIATIONS

### LOCATIONS

ANB	Annenberg Center for Information Science and Technology	KLK	Kellogg Radiation Laboratory
ARM	Arms Laboratory of Geological Sciences	KRK	Kerckhoff Laboratory of Biological Sciences
AVE	Avery House	KSP	Keith Spaulding Building
BAC	Braun Athletic Center	L+R	Linde + Robinson Laboratory for Global Environmental Science
BAX	Baxter Hall of Humanities and Social Services	LAU	Lauritsen Physics Laboratory
BBB	Beckman Laboratory of Behavioral Biology	MEAD	Undergraduate Chemistry Laboratory
BCK	Beckman Institute	MRE	Moore Laboratory
BRD	Broad Center	NMD	North Mudd Building of Geological Sciences
BRG	Bridge Laboratory of Physics	NYS	Noyes Laboratory of Chemical Physics
BRN	Braun Laboratory	NewMedia	NewMedia Classroom
BRW	Brown Gym	POLY	Polytechnic School
Bldg 15	Building 15/Math Building/Old Financial Services building	PR	Public Relations
CHL	Cahill Center for Astronomy and Astrophysics	PWL/BTH	Powell/Booth Laboratory
CHR	Church Laboratory of Chemical Biology	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
DWN/LAU	Downs Lauritsen	SMD	South Mudd Building of Geophysics and Planetary Sciences
FIR	Firestone Flight Science Laboratory	SPL	Spalding Laboratory of Chemical Engineering
GCL	Gates Chemical Laboratory	STL	Steele Laboratory of Electrical Engineering
GTL	Gates-Thomas Engineering Laboratory	TCT	Theater Arts at Caltech (TACIT)
GUG	Guggenheim Laboratory	WAT	Watson Laboratory of Applied Physics
JRG	Jorgensen Laboratory	WINN	Winnett Center
KAR	Karman Laboratory	YHC	Young Health Center
KCK	Keck Engineering Laboratory		

### 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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<b>AEROSPACE</b>							
Ae 100	+	Research in Aerospace	01	Culick, F	A	A	P
			02	McKeon, B	A	A	P
			03	Chung, S	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	133 GUG	G
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Lapusta, N	TR 09:00 - 10:25	135 GTL	G
Ae 103A	3-0-6	Dynamics and Control of Aircraft and Spacecraft	01	Chung, S	TR 14:30 - 15:55	133 GUG	
Ae/APh 104A	3-0-6	Experimental Methods	01	Gharib, M	MWF 11:00 - 11:55	232 GUG	G
Ae 105A	3-0-6	Aerospace Engineering	01	Pellegrino, S / Klesh, A / Alvarez-Salazar, O	TR 16:00 - 17:25	384 FIR	G
Ae/ME 118	3-0-6	Classical Thermodynamics	01	Minnich, A	MWF 11:00 - 11:55	135 GTL	
Ae 121A	3-0-6	Space Propulsion	01	Polk, J	TR 13:00 - 14:25	232 GUG	
Ae 150A	1-0-0	Aerospace Engineering Seminar	01	Meiron, D	M 13:00 - 13:55	133 GUG	P
EE/Ae 157A	3-0-6	Introduction to the Physics of Remote Sensing	01	Van Zyl, J	MW 14:30 - 15:55	B270 MRE	
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>taught concurrently with Ae/AM/CE/ME 102a</i>	01	Lapusta, N	TR 09:00 - 10:25	135 GTL	

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<b>AEROSPACE</b>							
Ae/CE 165A	2-2-5	Mechanics of Composite Materials and Structures <i>organizational meeting on Monday, October 2nd</i>	01	Pellegrino, S	M 14:00 - 14:55 WF 09:00 - 09:55	384 FIR 384 FIR	
Ae 200	+	Advanced Research in Aerospace	01	Bhattacharya, K	A	A	P
			02	McKeon, B	A	A	P
			03	Blake, G	A	A	P
			04	Dimotakis, P	A	A	P
			05	Gharib, M	A	A	P
			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	Chung, S	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	Trojan, 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
			30	Burdick, J	A	A	P
			31	Asimaki, D	A	A	P

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<b>AEROSPACE</b>							
Ae 200	+	Advanced Research in Aerospace	32	Chung, S	A	A	P
			33	Heaton, T	A	A	P
Ae 208A	1-0-0	GALCIT Colloquium	01	Austin, J / Chung, S	F 15:00 - 15:55	133 GUG	P
Ae/AM/ME/Ge 225	3-0-6	Special Topics in Solid Mechanics: Static and Dynamic Failure of Brittle Solids and Interfaces, from the Micro to the Mega	01	Rosakis, A	TR 16:00 - 17:25	115 GTL	
Ae 235	3-0-6	Rarefied Gasdynamics	01	Pullin, D	MWF 08:00 - 08:55	133 GUG	P
Ae 240	+	Special Topics in Fluid Mechanics	01	Meiron, D	A	A	P
<b>ANTHROPOLOGY</b>							
An 097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
ACM101A	4-0-8	Methods of Applied Mathematics I	01	Bruno, O	TR 14:30 - 16:25	213 ANB	
ACM104	3-1-5	Applied Linear Algebra	01	Zuev, K	TR 10:30 - 11:55	105 ANB	
ACM/EE 106A	3-0-9	Introductory Methods of Computational Mathematics	01	Lam, K	TR 13:00 - 14:25	105 ANB	
CMS/ACM 107	3-3-6	Linear Analysis with Applications	01	Stuart, A	TR 10:30 - 11:55	384 FIR	
CMS/ACM 113	3-0-6	Mathematical Optimization	01	Chandrasekaran, V	MW 10:30 - 11:55	213 ANB	
ACM/EE 116	3-1-5	Introduction to Probability Models	01	Zuev, K	TR 09:00 - 10:25	105 ANB	

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<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
CMS/ACM/EE 117	3-0-9	Probability and Random Processes	01	Owhadi, H	TR 09:00 - 10:25	213 ANB	
Ma/ACM 144A	3-0-6	Probability	01	Tamuz, O	MWF 13:00 - 13:55	B125 BAX	
ACM159	3-0-6	Inverse Problems and Data Assimilation	01	Stuart, A	TR 14:30 - 15:55	119 KRK	
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
ACM204	3-0-6	Topics in Convexity	01	Tropp, J	TR 10:30 - 11:55	213 ANB	
ACM300	+	Research in Applied and Computational Mathematics	01	Bruno, O	A	A	P
			02	Chandrasekaran, V	A	A	P
			03	Desbrun, M	A	A	P
			04	Hou, Y	A	A	P
			05	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
			12	Hassibi, B	A	A	P
			13	Stuart, A	A	A	P
			14	Graber, T	A	A	P
			<b>APPLIED MECHANICS</b>				
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Lapusta, N	TR 09:00 - 10:25	135 GTL	G

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<b>APPLIED MECHANICS</b>							
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	135 GTL	P
AM/CE 151A	3-0-6	Dynamics and Vibration	01	Asimaki, D	TR 13:00 - 14:25	115 GTL	G
AM 200	+	Advanced Work in Applied Mechanics	01	Staff	A	A	P
Ae/AM/ME/Ge 225	3-0-6	Special Topics in Solid Mechanics: Static and Dynamic Failure of Brittle Solids and Interfaces, from the Micro to the Mega	01	Rosakis, A	TR 16:00 - 17:25	115 GTL	
AM 300	+	Research in Applied Mechanics	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
<b>APPLIED PHYSICS</b>							
APh/EE 009A	2-2-2	Solid-State Electronics for Integrated Circuits	01	Scherer, A	TR 13:00 - 13:55	B280 MRE	
APh078A	0-9-0	Senior Thesis, Experimental	01	Painter, O	A	A	G
			02	Vahala, K	A	A	G
			03	Atwater, H	A	A	G
			04	Scherer, A	A	A	G
			05	Bellan, P	A	A	G
			06	Phillips, R	A	A	G
			07	Troian, S	A	A	G
			08	Faraon, A	A	A	G
			09	Lewis, N	A	A	G
			10	Yung, Y	A	A	G
			11	Schwab, K	A	A	G

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APh078A	0-9-0	Senior Thesis, Experimental	12	Endres, M	A	A	G
APh079A	0-9-0	Senior Thesis, Theoretical	01	Troian, S	A	A	G
			02	Kimble, H	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	133 GUG	G
Ae/APh 104A	3-0-6	Experimental Methods	01	Gharib, M	MWF 11:00 - 11:55	232 GUG	G
APh/MS 105A	3-0-6	States of Matter <i>class cancelled</i>	01	Staff	A	A	G
APh109	0-6-3	Introduction to the Micro/Nanofabrication Lab	01	Troian, S / Ghaffari, A	OM,R 12:00 - 12:55	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	

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<b>APPLIED PHYSICS</b>							
MS/APh 122	0-4-5	Diffraction, Imaging, and Structure	01	Garland, C	OM,T 13:00 - 13:55	042 KCK	
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	106 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	Troian, 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
			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
			22	Nad Perge, S	A	A	P
			23	Kimble, H	A	A	P



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APh200	+	Applied Physics Research	24	Roukes, M	A	A	P
			25	Hutzler, N	A	A	P
			26	Scherer, A	A	A	P
			27	Van Zyl, J	A	A	P
			28	Rosenbaum, T	A	A	P
			29	Yeh, N	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
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
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			

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<b>APPLIED PHYSICS</b>							
APh300	+	Thesis Research in Applied Physics	29	Chen, Y	A	A	P
<b>ASTROPHYSICS</b>							
Ay 020	3-1-6	Basic Astronomy and the Galaxy	01	Hillenbrand, L / Kirby, E	MWF 11:00 - 11:55	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	
			05	Cohen, J	A	A	
			06	Hopkins, P	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	
			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 111A	3-0-0	Introduction to Current Astrophysics Research	01	Hallinan, G	M 15:00 - 15:55	219 CHL	P
Ay 121	3-0-6	Radiative Processes	01	Phinney, E	MWF 13:00 - 13:55	219 CHL	
Ay 122A	3-0-6	Astronomical Measurements and Instrumentation	01	Mawet, D / Howard, A	WF 14:30 - 15:55	219 CHL	
Ay 123	3-0-6	Structure and Evolution of Stars	01	Fuller, J	TR 11:00 - 12:25	219 CHL	

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<b>ASTROPHYSICS</b>							
Ay 141A	1-0-2	Research Conference in Astronomy	01	Sargent, A	F 16:00 - 16:55	370 CHL	P
Ay 142	+	Research in Astronomy and Astrophysics	01	Batygin, K	A	A	P
			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	Scoville, N	A	A	P
			08	Hillenbrand, L	A	A	P
			09	Kirby, E	A	A	P
			10	Kulkarni, S	A	A	P
			11	Knutson, H	A	A	P
			12	Hallinan, G	A	A	P
			13	Fuller, J	A	A	P
			14	Prince, T	A	A	P
			15	Dore, O	A	A	P
			16	Mawet, D	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
			29	Harrison, F	A	A	P
			30	Phinney, E	A	A	P
			31	Knutson, H	A	A	P
			32	Kasliwal, M	A	A	P
			33	Bock, J	A	A	P
Ay 143	+	Reading and Independent Study	01	Steidel, C	A	A	P
			02	Hallinan, G	A	A	P

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<b>ASTROPHYSICS</b>										
Ay 143	+	Reading and Independent Study	03	Hopkins, P	A	A	P			
			04	Kulkarni, S	A	A	P			
			05	Batygin, K	A	A	P			
			06	Brown, M	A	A	P			
			07	Blake, G	A	A	P			
			08	Knutson, H	A	A	P			
			09	Kirby, E	A	A	P			
			10	Hillenbrand, L	A	A	P			
			<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
			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	320 BRN	P			
Bi/BMB 251A	1-0-0	Current Research in Cellular and Molecular Biology	01	Hay, B	W 12:00 - 12:55	B180 BBB	P			
BMB299	+	Graduate Research	01	Arnold, F	A	A	P			
			02	Bjorkman, P	A	A	P			
			03	Hoelz, A	A	A	P			
			04	Campbell, J	A	A	P			
			05	Phillips, R	A	A	P			
			06	Davidson, E	A	A	P			
			07	Dervan, P	A	A	P			
			08	Dougherty, D	A	A	P			
			09	Fraser, S	A	A	P			

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

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<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
BMB299	+	Graduate Research	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
			58	Zinn, K	A	A	P
			59	Ondrus, A	A	A	P
			60	Rothemund, P	A	A	P
61	Voorhees, R	A	A	P			
62	Winfree, E	A	A	P			
<b>BIOENGINEERING</b>							
Bi/BE 024	3-0-3	Scientific 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	B101 BBB	G
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	Qian, L	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

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<b>BIOENGINEERING</b>							
BE 098	+	Undergraduate Research in Bioengineering <i>If your research advisor does not appear below, please contact the Office of the Registrar.</i>	08	Hajimiri, S	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	Winfrey, 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			
36	Ismagilov, R	A	A	P			
BE/Bi 103	1-3-8	Data Analysis in the Biological Sciences	01	Bois, J	M 13:00 - 15:55 W 10:00 - 10:55	200 BRD 100 - Rock Auditorium BRD	
			02	Bois, J	M 19:00 - 21:55 W 10:00 - 10:55	200 BRD 100 - Rock Auditorium BRD	
Ph/APh/EE/BE 118A	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN	
ChE/BE 163	3-0-9	Introduction to Biomolecular Engineering <i>class cancelled // to be offered winter term</i>	01	Staff	A	A	

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<b>BIOENGINEERING</b>							
BE 167	1-0-0	Research Topics in Bioengineering <i>Required for first year grad students in BE //</i> <i>Roll will be taken at each meeting</i>	01	Elowitz, M	T 15:00 - 15:55	300 BRD	P
BE/EE/MedE 189A	3-6-3	Design and Construction of Biodevices <i>maximum enrollment: 24 students</i>	01	Bois, J	TR 10:30 - 11:55	108 KCK	
BE 200	+	Research in Bioengineering	01	Arnold, F	A	A	P
			02	Phillips, R	A	A	P
			03	Burdick, J	A	A	P
			04	Goddard, W	A	A	P
			05	Dervan, P	A	A	P
			06	Hong, E	A	A	P
			07	Gharib, M	A	A	P
			08	Hajimiri, S	A	A	P
			09	Heath, J	A	A	P
			10	Lester, H	A	A	P
			11	Ismagilov, R	A	A	P
			12	Pierce, N	A	A	P
			13	Gradinaru, V	A	A	P
			14	Ponce, A	A	A	P
			15	Troian, S	A	A	P
			16	Roukes, M	A	A	P
			17	Scherer, A	A	A	P
			18	Tai, Y	A	A	P
			19	Tirrell, D	A	A	P
			20	Yang, C	A	A	P
			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



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<b>BIOENGINEERING</b>							
BE 200	+	Research in Bioengineering	29	Bjorkman, P	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
			38	Dickinson, M	A	A	P
			39	Mayo, S	A	A	P
			40	Greer, J	A	A	P
			41	Thomson, M	A	A	P
<b>BIOLOGY</b>							
Bi 002	1-0-2	Current Research in Biology	01	Elowitz, M	T 12:00 - 12:55	119 KRK	P
FS/Bi 013	2-0-4	Freshman Seminar: In Search of Memory <i>class cancelled</i>	01	Pine, J	M 15:00 - 15:55	248 LAU	P
Bi 022	+	Undergraduate Research	01	Adolphs, R	A	A	P
			02	Bronner Hansen, M	A	A	P
			03	Allman, J	A	A	P
			04	Campbell, J	A	A	P
			05	Lester, H	A	A	P
			06	Bjorkman, P	A	A	P
			07	Arnold, F	A	A	P
			08	Rothenberg, E	A	A	P
			09	Varshavsky, A	A	A	P
			10	Sternberg, P	A	A	P
			11	Fraser, S	A	A	P
			12	Meyerowitz, E	A	A	P
			13	Kennedy, M	A	A	P

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<b>BIOLOGY</b>							
Bi 022	+	Undergraduate Research	14	Mazmanian, S	A	A	P
			15	Winfree, E	A	A	P
			16	Leadbetter, J	A	A	P
			17	Orphan, V	A	A	P
			18	Shapiro, M	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
			52	Prober, D	A	A	P
			53	Newman, D	A	A	P
			54	Gradinaru, V	A	A	P
55	Guttman, M	A	A	P			
56	Meister, M	A	A	P			
57	Goentoro, L	A	A	P			
58	Stevenson, D	A	A	P			
60	Hsiao, E	A	A	P			
61	Shan, S	A	A	P			
62	Cai, L	A	A	P			
Bi/BE 024	3-0-3	Scientific Communication for Biological Scientists and Engineers <i>This class is limited to 20 seniors with priority</i>	01	Anderson, B	TR 10:30 - 11:55	B101 BBB	G

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<b>BIOLOGY</b>							
Bi 090A	+	Undergraduate Thesis	01	Bjorkman, P / Lester, H	A	A	P
			02	Bjorkman, P / Davidson, E	A	A	P
			03	Bjorkman, P / Sternberg, P	A	A	P
			04	Bjorkman, P / Davis, M	A	A	P
			05	Bjorkman, P / Newman, D	A	A	P
			06	Bjorkman, P / Baltimore, D	A	A	P
			07	Bjorkman, P / Fejes Toth, K	A	A	P
			08	Bjorkman, P / Anderson, D	A	A	P
			10	Bjorkman, P / Gradinaru, V	A	A	P
			11	Bjorkman, P / Rothenberg, E	A	A	P
			12	Bjorkman, P / Doyle, J	A	A	P
			13	Bjorkman, P / Wold, B	A	A	P
			14	Bjorkman, P	A	A	P
			BE/Bi 103	1-3-8	Data Analysis in the Biological Sciences	01	Bois, J
02	M 19:00 - 21:55 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	Parker, C / Campbell, J	TR 11:00 - 11:55 W 14:00 - 15:55	147 NYS 147 NYS	
Bi 122	3-0-6	Genetics <i>no time conflicts are permitted</i>	01	Hay, B	TR 13:00 - 14:25	119 KRK	G
Bi 145A	3-0-6	Tissue and Organ Physiology	01	Tydell, C	MW 19:00 - 20:25	B180 BBB	
Bi/CNS/NB 164	3-0-6	Tools of Neurobiology	01	Meister, M	WF 13:00 - 14:25	B101 BBB	

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<b>BIOLOGY</b>							
Bi 165	2-3-1	Microbiology Research: Practice and Proposal	01	Hoy, J	M 11:00 - 11:55	101 KRK	P
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
CNS/Bi/Ph/CS/NB 187	3-0-6	Neural Computation <i>class cancelled</i>	01	Staff	A	A	
Bi 192	2-0-4	Introduction to Systems Biology	01	Goentoro, L	TR 10:30 - 11:55	101 KRK	
Bi/CNS/NB 195	3-0-6	Mathematics in Biology	01	Meister, M	WF 10:30 - 11:55	B101 BBB	
Bi/CNS/NB 216	2-0-4	Behavior of Mammals	01	Allman, J	WF 14:00 - 15:55	200 BRD	
Bi 250A	3-0-6	Topics in Molecular and Cellular Biology	01	Prober, D	TR 13:00 - 14:25	152 BRN	P
Bi/BMB 251A	1-0-0	Current Research in Cellular and Molecular Biology	01	Hay, B	W 12:00 - 12:55	B180 BBB	P
Bi 299	+	Graduate Research	01	Kirschvink, J	A	A	P
			02	Baltimore, D	A	A	P
			03	Allman, J	A	A	P
			04	Anderson, D	A	A	P
			05	Arnold, F	A	A	P
			06	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	Thomson, M	A	A	P

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<b>BIOLOGY</b>							
Bi 299	+	Graduate Research	13	Pachter, L	A	A	P
			14	Camerer, C	A	A	P
			15	Dunphy, W	A	A	P
			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

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<b>BIOLOGY</b>							
Bi 299	+	Graduate Research	47	Winfree, E	A	A	P
			48	Tsao, D	A	A	P
			49	Prober, D	A	A	P
			50	Elowitz, M	A	A	P
			51	Stathopoulos, A	A	A	P
			52	Mazmanian, S	A	A	P
			53	Clemons, W	A	A	P
			54	Hay, B	A	A	P
			55	Aravin, A	A	A	P
			56	Dougherty, D	A	A	P
			57	Fejes Toth, K	A	A	P
			58	Murray, R	A	A	P
			59	Burdick, J	A	A	P
			60	Gradinaru, V	A	A	P
			61	Guttman, M	A	A	P
			62	Scherer, A	A	A	P
			63	Hong, E	A	A	P
64	Phillips, R	A	A	P			
65	Doyle, J	A	A	P			
<b>BUSINESS, ECONOMICS, AND MANAGEMENT</b>							
BEM097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Pickar, K	A	A	P
			02	Cvitanic, J	A	A	P
			03	Gillen, B	A	A	P
BEM104	3-0-6	Investments <i>class cancelled</i>	01	Staff	A	A	
BEM105	3-0-6	Options	01	Cvitanic, J	TR 14:30 - 15:55	228 BAX	
BEM/Ec 150	3-0-6	Business Analytics <i>maximum enrollment: 75 students</i>	01	Camerer, C	M 19:00 - 21:55	B125 BAX	
<b>CHEMICAL ENGINEERING</b>							

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<b>CHEMICAL ENGINEERING</b>							
ChE015	0-4-5	Introduction to Chemical Engineering Computation	02	Flagan, R	TR 09:00 - 10:55	115 BCK	
ChE080	+	Undergraduate Research	01	Flagan, R	A	A	P
			02	Shapiro, M	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
			37	Kornfield, J	A	A	P
			38	Giapis, K	A	A	P
39	Goddard, W	A	A	P			
40	Hoelz, A	A	A	P			
ChE090A	+	Senior Thesis	01	Giapis, K	A	A	P
			02	Arnold, F	A	A	P
			03	Flagan, R	A	A	P
			04	Mayo, S	A	A	P
			05	Lewis, N	A	A	P
			06	Atwater, H	A	A	P
			07	Brady, J	A	A	P
			08	Ismagilov, R	A	A	P
			09	Tirrell, D	A	A	P
			10	Seinfeld, J	A	A	P
			11	Kornfield, J	A	A	P
			12	Wang, Z	A	A	P
Ch/ChE 091	2-0-1	Scientific Writing	01	Parker, C	M 13:00 - 14:55	101 SCH	G

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<b>CHEMICAL ENGINEERING</b>							
ChE103A	3-0-6	Transport Phenomena	01	Kornfield, J	MWF 10:00 - 10:55	106 SPL	
ChE126	1-6-2	Chemical Engineering Laboratory <i>Maximum Enrollment: 12 students per section // If unable to register, please contact instructor.</i>	01	Vicic, M	A	A	G
			02	Vicic, M	TR 09:00 - 11:55	122 SPL	G
			03	Vicic, M	TR 13:00 - 15:55	122 SPL	G
ChE152	3-0-6	Heterogeneous Kinetics and Reaction Engineering	01	Giapis, K	TR 09:00 - 10:25	106 SPL	
ChE/BE 163	3-0-9	Introduction to Biomolecular Engineering <i>class cancelled // to be offered winter term</i>	01	Staff	A	A	
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	Elowitz, M	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
			18	See, K	A	A	P
			19	Hoffmann, M	A	A	P
			21	Kornfield, J	A	A	P



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<b>CHEMICAL ENGINEERING</b>							
ChE280	+	Chemical Engineering Research	22	Trojan, S	A	A	P
			23	Lewis, N	A	A	P
			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
			43	Haile, S	A	A	P
			44	Greer, J	A	A	P
			45	Miller, T	A	A	P
<b>CHEMISTRY</b>							
Ch 001A	3-0-3	General Chemistry	01	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 152 BRN	P
			02	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX B180 BBB	P
			03	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 119 DWN	P
			04	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 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 B122 GCL	P
			09	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX B111 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	Lecture Hall BAX	P

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<b>CHEMISTRY</b>							
Ch 001A	3-0-3	General Chemistry	11	Lewis, N	R 11:00 - 11:55	107 ANB	P
			12	Lewis, N	MT 11:00 - 11:55	Lecture Hall BAX	P
					R 11:00 - 11:55	119 KRK	
Ch 003A	1-3-2	Fundamental Techniques of Experimental Chemistry <i>Maximum Enrollment: 20 students per section// Section 3 reserved for Freshmen // on November 10th only lecture will be held in Broad 100 - Rock Auditorium</i>	01	Mendez, J	T 08:00 - 10:55	107 MEAD	P
			02	Mendez, J	F 13:00 - 13:55	153 NYS	
					T 13:00 - 15:55	107 MEAD	P
					F 13:00 - 13:55	153 NYS	
Ch 003X	1-3-2	Experimental Methods in Solar Energy Conversion <i>Maximum Enrollment: 20 students per section</i>	01	Mendez, J	W 19:00 - 21:55	107 MEAD	P
					F 13:00 - 13:55	153 NYS	
			02	Mendez, J	F 09:00 - 09:55	151 CRL	P
Ch 008	1-6-2	Experimental Procedures of Synthetic Chemistry for Premedical Students <i>Instructor will contact student via email to select 2 sections. // Section times will be: Tuesdays 8-11am; Tuesdays 1-4pm; Thursdays 8-11am; and Thursdays 1-4pm. Lecture 151 Crellin Friday 11am.</i>	01	Mendez, J	W 13:00 - 15:55	107 MEAD	
					F 09:00 - 09:55	151 CRL	P
					R 08:00 - 10:55	107 MEAD	
Ch 010A	1-0-0	Frontiers in Chemistry <i>Lab tour times to be determined.</i>	01	Dervan, P / Hoelz, A	F 11:00 - 11:55	151 CRL	
					A	105 MEAD	
Ch 015	0-6-4	Chemical Equilibrium and Analysis Laboratory <i>Instructor will contact student via email to select 2 sections and establish the 1 hour classroom meeting time. // Proposed section times will be: Mondays 8-11am; Mondays 1-4pm; Wednesdays 8-11am; and Wednesdays 1-4pm.</i>	01	Dalleska, N	OM,A	A	
Ch 021A	3-0-6	Physical Chemistry	01	Chan, G	MWF 13:00 - 13:55	147 NYS	G
Ch 041A	3-0-6	Organic Chemistry	01	Dougherty, D	MWF 09:00 - 09:55	153 NYS	

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<b>CHEMISTRY</b>							
Ch 080	+	Chemical Research	01	Dougherty, D	A	A	P
			02	Hoffmann, M	A	A	P
			03	Grubbs, R	A	A	P
			04	Hoelz, A	A	A	P
			05	Gray, H	A	A	P
			06	Chan, G	A	A	P
			07	Agapie, T	A	A	P
			08	Shapiro, M	A	A	P
			09	Heath, J	A	A	P
			10	Reisman, S	A	A	P
			11	Goddard, W	A	A	P
			12	Rossman, G	A	A	P
			13	Virgil, S	A	A	P
			14	Clemons, W	A	A	P
			15	Okumura, M	A	A	P
Ch 081	+	Independent Reading in Chemistry	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	Grubbs, R / Okumura, M	A	A	P
			02	Hoelz, A / Okumura, M	A	A	P
			03	Peters, J / Okumura, M	A	A	P
			04	Tirrell, D / Okumura, M	A	A	P
			05	Okumura, M / Stoltz, B	A	A	P
			06	Agapie, T / Okumura, M	A	A	P
			07	Gray, H / Okumura, M	A	A	P
			08	Asimow, P / Okumura, M	A	A	P
			09	Dougherty, D / Okumura, M	A	A	P

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<b>CHEMISTRY</b>							
Ch/ChE 091	2-0-1	Scientific Writing	01	Parker, C	M 13:00 - 14:55	101 SCH	G
Bi/Ch 110	4-0-8	Introduction to Biochemistry <i>Taught by Biochemistry faculty</i>	01	Parker, C / Campbell, J	TR 11:00 - 11:55 W 14:00 - 15:55	147 NYS 147 NYS	
Ch 112	3-0-6	Inorganic Chemistry	01	Agapie, T	TR 09:00 - 10:25	147 NYS	
Ch 117	3-0-6	Introduction to Electrochemistry	01	See, K	MWF 11:00 - 11:55	147 NYS	
Ch 120A	3-0-6	Nature of the Chemical Bond	01	Goddard, W	MWF 14:00 - 14:55	115 BCK	
Ch 122	3-0-6	Structure Determination by X-ray Crystallography	01	Takase, M	MWF 09:00 - 09:55	115 BCK	G
Ch 125A	3-0-6	The Elements of Quantum Chemistry	01	Okumura, M	TR 13:00 - 14:25	147 NYS	G
Ge/Ch 127	3-0-6	Nuclear Chemistry	01	Burnett, D	MWF 09:00 - 09:55	215 NMD	
Ge/Ch 128	3-0-6	Cosmochemistry	01	Blake, G	TR 14:30 - 15:55	162 SMD	
Ch 144B	3-0-6	Advanced Organic Chemistry	01	Robb, M	TR 14:30 - 15:55	151 CRL	
Ch 149	2-0-4	Tutorial in Organic Chemistry <i>Prerequisite: Ch 41abc &amp; instructor's permission. // This course is intended primarily for 1st-year grad students with a strong foundation in organic chemistry. // Meets during the month of October.</i>	01 02	Stoltz, B / Fu, G Fu, G / Stoltz, B	MWF 14:00 - 15:55 MWF 14:00 - 15:55	218 SCH 318 SCH	P P
ChE/Ch 165	3-0-6	Chemical Thermodynamics	01	Wang, Z	TR 10:30 - 11:55	106 SPL	

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<b>CHEMISTRY</b>							
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	Agapie, T	A	A	P
			02	Goddard, W	A	A	P
			21	Gray, H	A	A	P
			22	Lewis, N	A	A	P
			38	Weitekamp, D	A	A	P
Ch 182	+	Senior Thesis Research <i>9 units per term</i>	01	Asimow, P	A	A	P
			02	Goddard, W	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	320 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 10-11am -- Recitation T 7-9pm -- Tutorial R 7-9pm</i>	01	Stoltz, B	MWF 10:00 - 10:55 TR 19:00 - 20:55	147 NYS 147 NYS	
Ch 280	+	Chemical Research	01	Adkins, J	A	A	P
			02	Arnold, F	A	A	P
			03	Bjorkman, P	A	A	P
			04	Atwater, H	A	A	P
			05	Barton, J	A	A	P
			06	Beauchamp, J	A	A	P
			07	Bercaw, J	A	A	P
			08	Blake, G	A	A	P

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<b>CHEMISTRY</b>							
Ch 280	+	Chemical Research	09	Wang, Z	A	A	P
			10	Newman, D	A	A	P
			11	Shimojo, S	A	A	P
			12	Eiler, J	A	A	P
			13	Davis, M	A	A	P
			14	Dervan, P	A	A	P
			15	Dougherty, D	A	A	P
			16	Reisman, S	A	A	P
			17	Blanquart, G	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	Haile, S	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	Greer, J	A	A	P
			41	van de Walle, A	A	A	P

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<b>CHEMISTRY</b>							
Ch 280	+	Chemical Research	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	Cai, L	A	A	P
			49	Shan, S	A	A	P
			50	Agapie, T	A	A	P
			51	Sternberg, P	A	A	P
			52	Tirrell, D	A	A	P
			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
			59	Chan, G	A	A	P
			60	Ondrus, A	A	A	P
			61	See, K	A	A	P
62	Elowitz, M	A	A	P			
<b>CIVIL ENGINEERING</b>							
CE 100	+	Special Topics in Civil Engineering	01	Staff	A	A	
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Lapusta, N	TR 09:00 - 10:25	135 GTL	G
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	135 GTL	P

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<b>CIVIL ENGINEERING</b>							
AM/CE 151A	3-0-6	Dynamics and Vibration	01	Asimaki, D	TR 13:00 - 14:25	115 GTL	G
Ae/CE 165A	2-2-5	Mechanics of Composite Materials and Structures <i>organizational meeting on Monday, October 2nd</i>	01	Pellegrino, S	M 14:00 - 14:55 WF 09:00 - 09:55	384 FIR 384 FIR	
CE 200	+	Advanced Work in Civil Engineering	01	Heaton, T	A	A	P
CE 300	+	Research in Civil Engineering	01	Beck, J	A	A	P
			02	Hall, J	A	A	P
			03	Heaton, T	A	A	P
			04	Andrade, J	A	A	P
			05	Lapusta, N	A	A	P
			06	Asimaki, D	A	A	P
<b>COMPUTATION &amp; NEURAL SYS</b>							
CNS100	1-0-0	Introduction to Computation and Neural Systems	01	Siapas, A	W 19:00 - 19:55	100 - Rock Auditorium BRD	P
CS/CNS/EE 156A	3-0-6	Learning Systems <i>class held in Hameetman Auditorium on 10/17 and 10/19</i>	01	Abu-Mostafa, Y	TR 15:00 - 15:55	Institute Auditorium BCK	
Bi/CNS/NB 164	3-0-6	Tools of Neurobiology	01	Meister, M	WF 13:00 - 14:25	B101 BBB	
CS/CNS 171	3-6-3	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



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CNS180	+	Research in Computation and Neural Systems	09	Anandkumar, A	A	A	P			
			10	Oka, Y	A	A	P			
			11	Rangel, A	A	A	P			
			12	Murray, R	A	A	P			
			13	Perona, P	A	A	P			
			14	Camerer, C	A	A	P			
			15	Elowitz, M	A	A	P			
			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			
			29	Hong, E	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 <i>class cancelled</i>	01	Staff	A	A	
			Bi/CNS/NB 195	3-0-6	Mathematics in Biology	01	Meister, M	WF 10:30 - 11:55	B101 BBB	
			Bi/CNS/NB 216	2-0-4	Behavior of Mammals	01	Allman, J	WF 14:00 - 15:55	200 BRD	
			CNS280	+	Research in Computation and Neural Systems	01	Burdick, J	A	A	P
						02	Meister, M	A	A	P
						03	Camerer, C	A	A	P

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CNS280	+	Research in Computation and Neural Systems	04	Andersen, R	A	A	P			
			05	Lester, H	A	A	P			
			06	O'Doherty, J	A	A	P			
			07	Bruck, J	A	A	P			
			08	Tsao, D	A	A	P			
			09	Koch, C	A	A	P			
			10	Konishi, M	A	A	P			
			11	Murray, R	A	A	P			
			12	Gradinaru, V	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			
			25	Oka, Y	A	A	P			
			26	Adolphs, R	A	A	P			
			27	Desbrun, M	A	A	P			
			28	Goddard, W	A	A	P			
			29	Rangel, A	A	A	P			
			<b>COMPUTER SCIENCE</b>							
			CS 001	3-4-2	Introduction to Computer Programming	01	Vanier, M	MWF 14:00 - 14:55	Institute Auditorium	P
						02	Vanier, M	A	BCK A	P
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics	01	Lupini, M	MWF 13:00 - 13:55	B122 GCL				

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CS 009	1-0-0	Introduction to Computer Science Research	01	Ralph, C	W 19:00 - 19:55	105 ANB	P
CS 011	0-3-0	Computer Language Lab	01	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
		<i>CS 1 or instructor's permission is required. // Sec 1: C // Sec 2: C++ // Sec 3: Java // Sec 4: Javascript // Sec 5: Advanced C++ // Sec 10: ACM-ICPC // Sec 11: Special Topics // Sec 12: Projects</i>	02	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			03	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			04	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			05	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			10	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			11	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			12	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
EE/CS 053	0-12-0	Microprocessor Project Laboratory	01	George, G	OM,W 16:30 - 17:25	B270 MRE	
CS 080A	+	Undergraduate Thesis	01	Winfrey, 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	Katz, N	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
			14	Chung, S	A	A	P
			15	Vidick, T	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

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CS 081A	+	Undergraduate Projects in Computer Science	06	Winfree, E	A	A	P			
			07	Perona, P	A	A	P			
			08	Pinkston, D	A	A	P			
			09	Pierce, N	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			
			15	Yue, Y	A	A	P			
			16	Hassibi, B	A	A	P			
			17	Desbrun, M	A	A	P			
			18	Mahabal, A	A	A	P			
			19	Schroeder, P	A	A	P			
			20	Djorgovski, S	A	A	P			
			21	George, G	A	A	P			
			22	Vidick, T	A	A	P			
			23	Ralph, C	A	A	P			
			24	Rangel, A	A	A	P			
			25	Bunn, J	A	A	P			
			26	Alvarez, R	A	A	P			
			27	Preskill, J	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	Abu-Mostafa, Y	A				A	P			
11	Burdick, J	A				A	P			

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>COMPUTER SCIENCE</b>							
CS 090	+	Undergraduate Reading in Computer Science	12	Wierman, A	A	A	P
			13	Vanier, M	A	A	P
			14	Ralph, C	A	A	P
CS 101A	+	Special Topics in Computer Science <i>Sec 1: High-Dimensional Geometry and Links with Information Theory (2-0-7) // Sec 2: Projects in Machine Learning Part 1 (0-9-0)</i>	01	Marsiglietti, A	W 09:00 - 10:55	314 ANB	
			02	Yue, Y / Tamuz, O	OM,T 13:00 - 13:55	107 ANB	
CS 102A	+	Seminar in Computer Science	01	Staff	A	A	P
CS 103A	+	Reading in Computer Science	01	Staff	A	A	P
HPS/PI/CS 110	3-0-6	Causation and Explanation <i>maximum enrollment: 15 students</i>	01	Eberhardt, F	TR 13:00 - 14:25	B119 BAX	G
CS 111	0-3-0	Programming Practicum <i>For graduate students only // Sec 1: C // Sec 2: C++ // Sec 3: Java // Sec 4: Javascript // Sec 5: Advanced C++ // Sec 10: ACM-ICPC // Sec 11: Special Topics // Sec 12: Projects</i>	01	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			02	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			03	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			04	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			05	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			10	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			11	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			12	Vanier, M / Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
CS 116	3-0-6	Reasoning about Program Correctness <i>class meets in 106 ANB on 9/26/17 then will move to 107 ANB for remainder of term</i>	01	Joshi, R	TR 13:00 - 14:25	107 ANB	
CS 121	3-0-6	Relational Databases	01	Pinkston, D	MWF 11:00 - 11:55	105 ANB	
CS 124	3-6-3	Operating Systems	01	Pinkston, D	MWF 13:00 - 13:55	213 ANB	
EE/Ma/CS 126A	3-0-6	Information Theory <i>make-up classes held on Fridays 10:30-noon in Moore B270</i>	01	Effros, M	MW 10:30 - 11:55	B270 MRE	G

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<b>COMPUTER SCIENCE</b>							
EE/Ma/CS 127	3-0-6	Error-Correcting Codes	01	Kostina, V	MW 13:00 - 14:25	107 ANB	
ME/CS 133A	3-0-6	Robotics	01	Burdick, J	MWF 15:00 - 15:55	135 GTL	
CS 142	3-0-6	Distributed Computing	01	Murray, R / Chandy, K	MWF 14:00 - 14:55	105 ANB	
CS/EE 143	3-3-3	Communication Networks <i>Course cancelled</i>	01	Staff	A	A	
CS/EE 146	3-3-3	Advanced Networking <i>Course cancelled</i>	01	Staff	A	A	
EE/CS 147	3-3-3	Digital Ventures Design <i>Group Presentations Friday 14:00-15:30 Weeks #2,4,6,8,10</i>	01	Lahouti, F	MW 14:00 - 15:25	B280 MRE	
CS/CNS/EE 156A	3-0-6	Learning Systems <i>class held in Hameetman Auditorium on 10/17 and 10/19</i>	01	Abu-Mostafa, Y	TR 15:00 - 15:55	Institute Auditorium BCK	
CS/CNS 171	3-6-3	Computer Graphics Laboratory	01	Barr, A	MWF 15:00 - 15:55	105 ANB	
CS 177A	3-3-3	Discrete Differential Geometry: Theory and Applications	01	Schroeder, P	TR 10:30 - 11:55	314 ANB	
CS 180	+	Master's Thesis Research	01	Martin, A	A	A	P
			02	Desbrun, M	A	A	P
			03	Low, S	A	A	P
			04	Chandy, K	A	A	P
			05	Wierman, A	A	A	P
			06	Umans, C	A	A	P
			08	Barr, A	A	A	P
			09	Kitaev, A	A	A	P
			10	Perona, P	A	A	P
			12	Schroeder, P	A	A	P

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<b>COMPUTER SCIENCE</b>							
CS 180	+	Master's Thesis Research	14	Winfree, E	A	A	P
			15	Ligett, K	A	A	P
CNS/Bi/Ph/CS/NB 187	3-0-6	Neural Computation <i>class cancelled</i>	01	Staff	A	A	
Ph/CS 219A	3-0-6	Quantum Computation	01	Kitaev, A	MW 14:30 - 15:55	103 DWN	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
			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 286A	+	Seminar in Computer Science <i>3, 6, or 9 units, at the instructor's discretion</i>	01	Vidick, T	T 16:30 - 17:25	213 ANB	
<b>COMPUTING AND MATHEMATICAL SCIENCES</b>							
CMS/ACM 107	3-3-6	Linear Analysis with Applications	01	Stuart, A	TR 10:30 - 11:55	384 FIR	

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<b>COMPUTING AND MATHEMATICAL SCIENCES</b>							
CMS/ACM 113	3-0-6	Mathematical Optimization	01	Chandrasekaran, V	MW 10:30 - 11:55	213 ANB	
CMS/ACM/EE 117	3-0-9	Probability and Random Processes	01	Owhadi, H	TR 09:00 - 10:25	213 ANB	
CMS290A	1-0-0	Computing and Mathematical Sciences Colloquium	01	Tropp, J	M 16:00 - 16:55	105 ANB	P
CMS300	+	Research in Computing and Mathematical Sciences	01	Wierman, A	A	A	P
			02	Vidick, T	A	A	P
			03	Beck, J	A	A	P
			04	Burdick, J	A	A	P
			05	Doyle, J	A	A	P
			06	Murray, R	A	A	P
			07	Owhadi, H	A	A	P
			08	Barr, A	A	A	P
			09	Chandrasekaran, V	A	A	P
			10	Desbrun, M	A	A	P
			11	Low, S	A	A	P
			12	Perona, P	A	A	P
			13	Schroeder, P	A	A	P
			14	Schulman, L	A	A	P
			15	Umans, C	A	A	P
			16	Winfrey, E	A	A	P
			17	Yue, Y	A	A	P
			18	Pachter, L	A	A	P
			19	Chung, S	A	A	P
<b>CONTROL &amp; DYNAMICAL SYSTEMS</b>							
CDS090A	0-0-9	Senior Thesis in Control and Dynamical Systems	01	Doyle, J	A	A	G
CDS190	+	Independent Work in Control and Dynamical Systems <i>offered Pass/Fail only</i>	01	Staff	A	A	P



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<b>CONTROL &amp; DYNAMICAL SYSTEMS</b>							
CDS231	3-0-6	Linear Systems Theory	01	Doyle, J	TR 13:00 - 14:25	213 ANB	P
CDS300A	+	Research in Control and Dynamical Systems	01	Dickinson, M	A	A	P
			02	Siapas, A	A	A	P
			03	Doyle, J	A	A	P
			04	Owhadi, H	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
			16	Ames, A	A	A	P
			17	Chung, S	A	A	P
<b>ECONOMICS</b>							
Ec 011	3-2-4	Introduction to Economics	01	Plott, C	MWF 13:00 - 13:55	Lecture Hall BAX	G
Ec 097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
Ec 098A	+	Senior Research and Thesis <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
Ec 121A	3-0-6	Theory of Value	01	Border, K	TR 10:30 - 11:55	125 BAX	G
Ec 122	3-0-6	Econometrics <i>Maximum Enrollment: 30 students // Lecture will be held in 104 Watson on 11/9/17 only</i>	01	Sherman, R	TR 13:00 - 14:25	B125 BAX	

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<b>ECONOMICS</b>							
Ec 135	3-0-6	Economics of Uncertainty and Information	01	Agranov, M	TR 09:00 - 10:25	128 BAX	G
Ec 140	3-0-6	Economic Progress	01	Border, K / Hoffman, P	TR 14:30 - 15:55	237 BAX	G
BEM/Ec 150	3-0-6	Business Analytics <i>maximum enrollment: 75 students</i>	01	Camerer, C	M 19:00 - 21:55	B125 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	127 BAX	G
<b>ELECTRICAL ENGINEERING</b>							
EE/ME 007	2-3-1	Introduction to Mechatronics	01	George, G	MW 13:00 - 13:55	B270 MRE	P
APh/EE 009A	2-2-2	Solid-State Electronics for Integrated Circuits	01	Scherer, A	TR 13:00 - 13:55	B280 MRE	
EE 044	4-0-8	Circuits and Systems	01	Hajimiri, S	TR 09:00 - 10:55	B270 MRE	G
EE/CS 053	0-12-0	Microprocessor Project Laboratory	01	George, G	OM,W 16:30 - 17:25	B270 MRE	
EE 080A	+	Senior Thesis	01 03 04 05	Hajimiri, S Doyle, J Tai, Y Hassibi, B	A A A A	A A A A	P P P 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	B280 MRE	G
EE 099	+	Advanced Work in Electrical Engineering	01 02 03	Scherer, A Tai, Y Perona, P	A A A	A A A	P P P

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<b>ELECTRICAL ENGINEERING</b>										
EE 099	+	Advanced Work in Electrical Engineering	04	George, G	A	A	P			
			05	Hajimiri, S	A	A	P			
			06	Yang, C	A	A	P			
			07	Burdick, J	A	A	P			
			08	Choo, H	A	A	P			
			09	Emami, A	A	A	P			
			10	Yariv, A	A	A	P			
			11	Hassibi, B	A	A	P			
			12	Low, S	A	A	P			
			13	Wang, L	A	A	P			
			EE 105A	1-0-0	Electrical Engineering Seminar	01	Hajimiri, S	A	A	P
			ACM/EE 106A	3-0-9	Introductory Methods of Computational Mathematics	01	Lam, K	TR 13:00 - 14:25	105 ANB	
			EST/EE/ME 109	3-0-6	Energy Technology and Policy	01	Hunt, M	TR 09:00 - 10:25	115 GTL	
EE 111	3-0-6	Signal-Processing Systems and Transforms	01	Vaidyanathan, P	TR 13:00 - 14:25	B270 MRE				
ACM/EE 116	3-1-5	Introduction to Probability Models	01	Zuev, K	TR 09:00 - 10:25	105 ANB				
CMS/ACM/EE 117	3-0-9	Probability and Random Processes	01	Owhadi, H	TR 09:00 - 10:25	213 ANB				
Ph/APh/EE/BE 118A	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	107 DWN				
EE/MedE 124	3-0-6	Mixed-mode Integrated Circuits	01	Emami, A	WF 10:30 - 11:55	B280 MRE				
EE/Ma/CS 126A	3-0-6	Information Theory <i>make-up classes held on Fridays 10:30-noon in Moore B270</i>	01	Effros, M	MW 10:30 - 11:55	B270 MRE	G			

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<b>ELECTRICAL ENGINEERING</b>							
EE/Ma/CS 127	3-0-6	Error-Correcting Codes	01	Kostina, V	MW 13:00 - 14:25	107 ANB	
CS/EE 143	3-3-3	Communication Networks <i>Course cancelled</i>	01	Staff	A	A	
CS/EE 146	3-3-3	Advanced Networking <i>Course cancelled</i>	01	Staff	A	A	
EE/CS 147	3-3-3	Digital Ventures Design <i>Group Presentations Friday 14:00-15:30 Weeks #2,4,6,8,10</i>	01	Lahouti, F	MW 14:00 - 15:25	B280 MRE	
EE 152	2-3-7	High Frequency Systems Laboratory <i>maximum enrollment: 16 students</i>	01	Russell, D	MF 09:00 - 10:25	B280 MRE	
CS/CNS/EE 156A	3-0-6	Learning Systems <i>class held in Hameetman Auditorium on 10/17 and 10/19</i>	01	Abu-Mostafa, Y	TR 15:00 - 15:55	Institute Auditorium BCK	
EE/Ae 157A	3-0-6	Introduction to the Physics of Remote Sensing	01	Van Zyl, J	MW 14:30 - 15:55	B270 MRE	
EE/APh 180	3-0-3	Nanotechnology	01	Scherer, A	TR 14:30 - 15:55	106 ANB	
BE/EE/MedE 189A	3-6-3	Design and Construction of Biodevices <i>maximum enrollment: 24 students</i>	01	Bois, J	TR 10:30 - 11:55	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	Meister, M	A	A	P
			06	Doyle, J	A	A	P
			07	Effros, M	A	A	P
			08	Wang, L	A	A	P
			09	Gharib, M	A	A	P
			10	Martin, A	A	A	P

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<b>ELECTRICAL ENGINEERING</b>							
EE 291	+	Advanced Work in Electrical Engineering	11	Hajimiri, S	A	A	P
			12	Hallinan, G	A	A	P
			13	Low, S	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
			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			
43	Minnich, A	A	A	P			
44	Rees, D	A	A	P			
45	Kostina, V	A	A	P			

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<b>ELECTRICAL ENGINEERING</b>							
EE 291	+	Advanced Work in Electrical Engineering	46	Yue, Y	A	A	P
			47	Tsao, D	A	A	P
<b>ENERGY SCIENCE AND TECHNOLOGY</b>							
EST/EE/ME 109	3-0-6	Energy Technology and Policy	01	Hunt, M	TR 09:00 - 10:25	115 GTL	
<b>ENGINEERING</b>							
E 002	1-0-0	Frontiers in Engineering and Applied Science <i>maximum enrollment: 85 students</i>	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/ME 103	3-0-6	Management of Technology	01	Pickar, K
E 110	2-0-1	Principles of University Teaching and Learning in STEM	01	Horii, C	T 10:30 - 11:50	360 CSS	P

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<b>ENGLISH</b>							
Hum/En 020	3-0-6	Greek Epic and Drama <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Pigman, G	TR 14:30 - 15:55	TR DAB	
Hum/En 030	3-0-6	Imagining Early America <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start</i>	01	Hunter, C	TR 09:00 - 10:25	117 DAB	
Hum/En 038	3-0-6	Telling Time in American Modernism <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Masterton Sherazi, M	TR 14:30 - 15:55	104 WAT	
En 098	+	Reading in English <i>Instructor permission required prior to registering</i>	01	Gilmartin, K	A	A	P
En 099A	1-0-8	Senior Tutorial for English Majors <i>Instructor permission required prior to registering</i>	01 02 03	Gilmartin, K Saltzman, B Jahner, J	A A A	A A A	G G G
En 102	3-0-6	Origins of Science Fiction <i>maximum enrollment: 15 students</i>	01	Klement, L	TR 10:30 - 11:55	115 DAB	
En 133	3-0-6	19th-Century American Women Writers <i>maximum enrollment: 20 students</i>	01	Hunter, C	TR 14:30 - 15:55	125 BAX	G
En 139	+	Reading Resistance in Cold War American Literature <i>meets TR 10:30-noon in 117 Dab // graded Letter with the option to Pass-Fail // maximum enrollment: 15 students</i>	01	Masterton Sherazi, M	A	A	P
En/F 160B	3-0-6	Classical Hollywood Cinema <i>open by lottery only; see link on the REGIS home page to enter by May 24th // maximum enrollment: 20 students</i>	01	Jurca, C	TR 13:00 - 14:25	127 BAX	
<b>ENGLISH AS A SECOND LANGUAGE</b>							

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<b>ENGLISH AS A SECOND LANGUAGE</b>							
ESL101A	3-0-0	Oral Communication and Pronunciation	01	Geasland, J	MW 17:00 - 18:25	125 BAX	P
<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
ESE090	+	Undergraduate Laboratory Research in Environmental Science and Engineering	01	Thompson, A	A	A	P
ESE100	+	Special Problems in Environmental Science and Engineering <i>up to 12 units by arrangement</i>	01	Adkins, J	A	A	P
			02	Flagan, R	A	A	P
			03	Hoffmann, M	A	A	P
			04	Schneider, T	A	A	P
			05	Seinfeld, J	A	A	P
			06	Sessions, A	A	A	P
			07	Wennberg, P	A	A	P
			08	Thompson, A	A	A	P
ESE101	3-0-6	Earth's Atmosphere	01	Schneider, T	TR 13:00 - 14:25	162 SMD	
ESE102	3-0-6	Earth's Oceans	01	Thompson, A	MWF 11:00 - 11:55	162 SMD	
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	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



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<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
ESE106	+	Research in Environmental Science and Engineering	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
			19	Frankenberg, C	A	A	P
ESE110A	1-0-0	Seminar in Environmental Science and Engineering	01	Frankenberg, C	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 T 17:00 - 17:55	162 SMD 162 SMD	
ESE130	3-0-6	Atmosphere Dynamics <i>class cancelled / will be offered winter term</i>	01	Staff	A	A	
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
			07	Callies, 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

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<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
ESE300	+	Thesis Research	16	Ponce, A	A	A	P
			17	Thompson, A	A	A	P
			18	Flagan, R	A	A	P
			19	Frankenberg, C	A	A	P
			20	Fischer, W	A	A	P
<b>FILM</b>							
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	WR 20:30 - 21:55	117 DAB	
En/F 160B	3-0-6	Classical Hollywood Cinema <i>open by lottery only; see link on the REGIS home page to enter by May 24th // maximum enrollment: 20 students</i>	01	Jurca, C	TR 13:00 - 14:25	127 BAX	
<b>FRESHMAN SEMINARS</b>							
FS/Ph 009	2-0-4	Freshman Seminar: The Science of Music <i>Maximum enrollment: 12 students</i>	01	Politzer, H	MF 13:00 - 13:55	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>class cancelled</i>	01	Pine, J	M 15:00 - 15:55	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
<b>GEOLOGY</b>							
Ge 011A	3-3-3	Introduction to Earth and Planetary Sciences: Earth as a Planet <i>Field Trip Dates: TBA // taught concurrently with Ge 101</i>	01	Farley, K	TR 13:00 - 14:25	251 ARM	
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

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<b>GEOLOGY</b>							
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
			08	Sessions, A	A	A	P
			09	Stevenson, D	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
			09	Stock, J	A	A	P
			10	Fischer, W	A	A	P
			11	Rossman, G	A	A	P
			12	Sessions, A	A	A	P
			13	Lamb, M	A	A	P
			14	Adkins, J	A	A	P
Ge 101	3-0-6	Introduction to Geology and Geochemistry <i>Field Trip: TBA // taught concurrently with Ge 011A</i>	01	Farley, K	TR 13:00 - 14:25	251 ARM	
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 <i>Field Trip Dates: November 17-19</i>	01	Grotzinger, J	TR 10:30 - 11:55 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	

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<b>GEOLOGY</b>							
Ge 114B	0-2-1	Mineralogy Laboratory	01	Rossmann, 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 T 17:00 - 17:55	162 SMD 162 SMD	
Ge 121A	0-9-3	Advanced Field Geology <i>Field Trip Dates: November 6-14</i>	01	Lamb, M	OM,F 15:00 - 15:25	267 ARM	
Ge/Ch 127	3-0-6	Nuclear Chemistry	01	Burnett, D	MWF 09:00 - 09:55	215 NMD	
Ge/Ch 128	3-0-6	Cosmochemistry	01	Blake, G	TR 14:30 - 15:55	162 SMD	
Ge 136A	1-0-2	Regional Field Geology of the Southwestern United States <i>Field Trip Dates: October 27-29</i>	01	Kirschvink, J	OM,M 09:30 - 10:25	251 ARM	P
Ge 145	1-4-4	Isotope-Ratio Mass Spectrometry	01	Sessions, A	R 10:30 - 11:55 R 13:00 - 15:55	135 L+R 067 SMD	
Ge 151	3-3-3	Planetary Surfaces <i>Field Trip Dates: November 10-12</i>	01	Ehlmann, B	TR 09:00 - 10:25	162 SMD	
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>taught concurrently with Ae/AM/CE/ME 102a</i>	01	Lapusta, N	TR 09:00 - 10:25	135 GTL	
Ge 161	3-0-6	Plate Tectonics	01	Stock, J	TR 10:30 - 11:55	215 NMD	
Ge 165	3-0-6	Geophysical Data Analysis and Seismic Imaging	01	Clayton, R	MWF 09:00 - 09:55	162 SMD	
Ge 193	1-0-2	Special Topics in Geophysics: Tectonics of New Zealand <i>OM will be held Monday, October 2nd</i>	01	Stock, J / Gurnis, M	M 12:00 - 12:25	215 NMD	
Ge 194	3-0-3	Special Topics in the Planetary Sciences: Juno and Cassini <i>6 units (3-0-3) and time to be determined at an organizational meeting</i>	01	Stevenson, D / Ingersoll, A	MWF 14:00 - 14:55	162 SMD	

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<b>GEOLOGY</b>							
Ge 212	3-0-6	Thermodynamics of Geological Systems	01	Asimow, P	MWF 10:00 - 10:55	267 ARM	
Ae/AM/ME/Ge 225	3-0-6	Special Topics in Solid Mechanics: Static and Dynamic Failure of Brittle Solids and Interfaces, from the Micro to the Mega	01	Rosakis, A	TR 16:00 - 17:25	115 GTL	
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
			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
			22	Leadbetter, J	A	A	P
			23	Bucholz, C	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

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<b>GEOLOGY</b>							
Ge 297	+	Advanced Study	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
			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

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<b>GEOLOGY</b>							
Ge 299	+	Thesis Research	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
			31	Bucholz, C	A	A	P
			32	Wernicke, B	A	A	P
			34	Yung, Y	A	A	P
			35	Batygin, K	A	A	P
			36	Kirschvink, J	A	A	P
			37	Orphan, V	A	A	P
			38	Schneider, T	A	A	P
			40	Tsai, V	A	A	P
<b>HISTORY</b>							
Hum/H 009B	3-0-6	European Civilization: Early Modern Europe <i>attendance at 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	TR DAB	
Hum/H 009C	3-0-6	European Civilization: Modern Europe <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Dennison, T	TR 14:30 - 15:55	117 DAB	
Hum/H 010	3-0-6	Medieval Europe: The Problem of Violence <i>attendance at first class is required // maximum enrollment: 15 students // class closed to</i>	01	Brown, W	TR 14:30 - 15:55	115 DAB	

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<b>HISTORY</b>							
Hum/H 015	3-0-6	Early Modern Environmental History <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Pluymers, K	TR 14:30 - 15:55	B133 BAX	
Hum/H/HPS 018	3-0-6	Introduction to the History of Science <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Feingold, M	T 19:00 - 21:55	TR DAB	
H 098	+	Reading in History <i>Instructor permission required prior to registering</i>	01	Dykstra, M	A	A	P
H 099A	1-0-8	Research Tutorial <i>Instructor permission required prior to registering</i>	01 02 03 04	Brown, W Gronningsater, S Dennison, T Hoffman, P	A A A A	A A A A	
H 127	3-0-6	History and the Anthropocene <i>maximum enrollment: 15 students</i>	01	Pluymers, K	TR 10:30 - 11:55	B119 BAX	
H 135	3-0-6	War, Conquest, and Empires <i>maximum enrollment: 15 students</i>	01	Hoffman, P	TR 10:30 - 11:55	128 BAX	G
H 136	3-0-6	Caltech in the Archives <i>maximum enrollment: 15 students</i>	01	Dykstra, M	TR 13:00 - 14:25	125 BAX	
H 139	3-0-6	Translation Theory and Practice (Chinese Historical Sources Seminar) <i>co-taught with L 139 // maximum enrollment: 15 students</i>	01	Dykstra, M	TR 14:30 - 15:55	B119 BAX	
H/L 142	3-0-6	Perspectives on History through Russian Literature <i>maximum enrollment: 15 students</i>	01	Dennison, T	TR 13:00 - 14:25	117 DAB	G
HPS/H 166	3-0-6	Historical Perspectives on the Relations between Science and Religion <i>maximum enrollment: 15 students</i>	01	Feingold, M	W 19:00 - 21:55	TR DAB	



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<b>HISTORY</b>							
H/HPS 185	3-0-6	Angels and Monsters: Cosmology, Anthropology, and the Ends of the World <i>maximum enrollment: 15 students</i>	01	Wey-Gomez, N	TR 13:00 - 14:25	TR DAB	
<b>HISTORY AND PHILOSOPHY OF SCIENCE</b>							
Hum/H/HPS 018	3-0-6	Introduction to the History of Science <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Feingold, M	T 19:00 - 21:55	TR DAB	
HPS098	+	Reading in History and Philosophy of Science <i>Instructor permission required prior to registering</i>	01	Kormos-Buchwald, D	A	A	P
HPS102A	+	Senior Research Seminar <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
HPS103	1-0-0	Public Lecture Series	01	Eberhardt, F	A	A	P
HPS/PI/CS 110	3-0-6	Causation and Explanation <i>maximum enrollment: 15 students</i>	01	Eberhardt, F	TR 13:00 - 14:25	B119 BAX	G
HPS/PI 120	3-0-6	Introduction to Philosophy of Science <i>maximum enrollment: 15 students</i>	01	Eberhardt, F	TR 10:30 - 11:55	TR DAB	G
HPS/H 166	3-0-6	Historical Perspectives on the Relations between Science and Religion <i>maximum enrollment: 15 students</i>	01	Feingold, M	W 19:00 - 21:55	TR DAB	
H/HPS 185	3-0-6	Angels and Monsters: Cosmology, Anthropology, and the Ends of the World <i>maximum enrollment: 15 students</i>	01	Wey-Gomez, N	TR 13:00 - 14:25	TR DAB	
<b>HUMANITIES</b>							
Hum/H 009B	3-0-6	European Civilization: Early Modern Europe <i>attendance at 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	TR DAB	

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<b>HUMANITIES</b>							
Hum/H 009C	3-0-6	European Civilization: Modern Europe <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Dennison, T	TR 14:30 - 15:55	117 DAB	
Hum/H 010	3-0-6	Medieval Europe: The Problem of Violence <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Brown, W	TR 14:30 - 15:55	115 DAB	
Hum/H 015	3-0-6	Early Modern Environmental History <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Pluymers, K	TR 14:30 - 15:55	B133 BAX	
Hum/H/HPS 018	3-0-6	Introduction to the History of Science <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Feingold, M	T 19:00 - 21:55	TR DAB	
Hum/En 020	3-0-6	Greek Epic and Drama <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Pigman, G	TR 14:30 - 15:55	TR DAB	
Hum/En 030	3-0-6	Imagining Early America <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start</i>	01	Hunter, C	TR 09:00 - 10:25	117 DAB	
Hum/En 038	3-0-6	Telling Time in American Modernism <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Masterton Sherazi, M	TR 14:30 - 15:55	104 WAT	
Hum/Pl 041	3-0-6	Knowledge and Reality <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Babic, B	R 19:00 - 21:55	115 DAB	

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<b>HUMANITIES</b>							
Hum/PI 042	3-0-6	Philosophy and Gender <i>attendance at first class is required // maximum enrollment: 15 students per section // class closed to continuing students until term start</i>	01	Cowie, F	TR 13:00 - 14:25	128 BAX	
			02	Cowie, F	TR 14:30 - 15:55	128 BAX	
Hum114A	3-0-6	Spanish and Latin American Literature	01	Arjona, G	M 15:00 - 16:25 R 16:30 - 17:55	127 BAX 127 BAX	
<b>LANGUAGES</b>							
L 102A	3-0-6	Elementary French	01	Orcel, C	TF 12:00 - 12:55 R 12:00 - 12:55	117 DAB 128 BAX	
L 103A	3-0-6	Intermediate French <i>maximum enrollment: 15 students</i>	01	Merrill, T	MR 12:00 - 12:55 T 18:30 - 19:25	117 DAB 117 DAB	
L 106A	4-0-5	Elementary Japanese <i>Section 2 will meet in 228 BAX on 10/16/17 and in 107 ANB on 11/30/17</i>	01	Fujio, M	MTWR 15:00 - 15:55	121 BCK	
			02	Fujio, M	MTWR 16:00 - 16:55	121 BCK	
L 107A	3-0-6	Intermediate Japanese <i>Maximum Enrollment: 20 students // Taught by Dr. Hirai</i>	01	Toner, R	MW 16:00 - 17:25	128 BAX	
L 108A	3-0-6	Advanced Japanese <i>Maximum Enrollment: 20 students // Taught by Dr. Hirai</i>	01	Toner, R	TR 16:00 - 17:25	117 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	WR 20:30 - 21:55	117 DAB	
L 110A	3-0-6	Elementary Spanish <i>maximum enrollment: 20 students per section</i>	01	Garcia, D	MWR 12:00 - 12:55	127 BAX	
			02	Arjona, G	MR 19:00 - 20:25	127 BAX	
L 112A	3-0-6	Intermediate Spanish	01	Garcia, D	MW 16:00 - 17:25	117 DAB	
L 114A	3-0-6	Spanish and Latin American Literature <i>Maximum enrollment: 20 students</i>	01	Arjona, G	M 15:00 - 16:25 R 16:30 - 17:55	127 BAX 127 BAX	

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<b>LANGUAGES</b>							
L 130A	3-0-6	Elementary German	01	Aebi, A	MWR 13:00 - 13:55	115 DAB	
L 132A	3-0-6	Intermediate German	01	Aebi, A	MWR 12:00 - 12:55	115 DAB	
L 139	3-0-6	Translation Theory and Practice (Chinese Historical Sources Seminar) <i>co-taught with H 139 // maximum enrollment: 15 students</i>	01	Dykstra, M	TR 14:30 - 15:55	B119 BAX	
H/L 142	3-0-6	Perspectives on History through Russian Literature <i>maximum enrollment: 15 students</i>	01	Dennison, T	TR 13:00 - 14:25	117 DAB	G
L 170A	3-0-6	Introduction to Chinese	01	Wang, X	MWR 12:00 - 12:55	125 BAX	
L 171A	3-0-6	Elementary Chinese	01	Ming, F	TW 19:00 - 20:25	127 BAX	
L 172A	3-0-6	Intermediate Chinese	01	Wang, X	TR 09:00 - 10:25	B119 BAX	
L 173A	3-0-6	Advanced Chinese	01	Ming, F	TW 17:00 - 18:25	115 DAB	
<b>MATERIALS SCIENCE</b>							
MS 078A	+	Senior Thesis	01	Johnson, W	A	A	P
			02	Fultz, B	A	A	P
			03	Greer, J	A	A	P
			05	Goddard, W	A	A	P
			06	Gharib, M	A	A	P
			07	Ravichandran, G	A	A	P
			08	Minnich, A	A	A	P
			MS 100	+	Advanced Work in Materials Science	01	Fultz, B
02	Lewis, N	A				A	P
04	Davis, M	A				A	P

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<b>MATERIALS SCIENCE</b>							
APh/MS 105A	3-0-6	States of Matter <i>class cancelled</i>	01	Staff	A	A	G
MS 110A	1-0-0	Materials Research Lectures	01	Bernardi, M	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 GTL	
MS/APh 122	0-4-5	Diffraction, Imaging, and Structure	01	Garland, C	OM,T 13:00 - 13:55	042 KCK	
MS 131	3-0-6	Structure and Bonding in Materials	01	Bernardi, M	MW 13:00 - 14:25	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
			07	Johnson, W	A	A	P
			09	Heath, J	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
			18	Bhattacharya, K	A	A	P
19	Faber, K	A	A	P			
20	Kochmann, D	A	A	P			
21	Bernardi, M	A	A	P			
22	Blake, G	A	A	P			
MS 300	+	Thesis Research	01	Atwater, H	A	A	P
			02	Rees, D	A	A	P
			03	Rosakis, A	A	A	P

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<b>MATERIALS SCIENCE</b>										
MS 300	+	Thesis Research	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			
			<b>MATHEMATICS</b>							
			Ma 001A	4-0-5	Calculus of One and Several Variables and Linear Algebra	01	Vafae, F	MTWF 10:00 - 10:55 R 19:30 - 20:55	119 KRK 119 KRK	P
						02	Ramakrishnan, D	MWF 10:00 - 10:55 R 09:00 - 09:55	Lecture Hall BAX B111 DWN	P
03	Ramakrishnan, D	MWF 10:00 - 10:55 R 09:00 - 09:55				Lecture Hall BAX 103 DWN	P			
04	Ramakrishnan, D	MWF 10:00 - 10:55 R 09:00 - 09:55				Lecture Hall BAX 119 DWN	P			
05	Ramakrishnan, D	MWF 10:00 - 10:55 R 10:00 - 10:55				Lecture Hall BAX B111 DWN	P			
06	Ramakrishnan, D	MWF 10:00 - 10:55 R 10:00 - 10:55				Lecture Hall BAX 103 DWN	P			
07	Ramakrishnan, D	MWF 10:00 - 10:55 R 10:00 - 10:55				Lecture Hall BAX 119 DWN	P			
08	Ramakrishnan, D	MWF 10:00 - 10:55 R 13:00 - 13:55				Lecture Hall BAX 119 DWN	P			
09	Ramakrishnan, D	MWF 10:00 - 10:55 R 13:00 - 13:55				Lecture Hall BAX B122 GTS	P			

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<b>MATHEMATICS</b>							
Ma 001A	4-0-5	Calculus of One and Several Variables and Linear Algebra	10	Ramakrishnan, D	MWF 10:00 - 10:55 R 14:00 - 14:55	Lecture Hall BAX B111 DWN	P
			11	Ramakrishnan, D	MWF 10:00 - 10:55 R 14:00 - 14:55	Lecture Hall BAX 102 STL	P
Ma 002	4-0-5	Differential Equations <i>taught concurrently with Ma 102</i>	01	Katz, N	MWF 10:00 - 10:55 R 09:00 - 09:55	B122 GCL 269 LAU	G
			02	Katz, N	MWF 10:00 - 10:55 R 09:00 - 09:55	B122 GCL 119 KRK	G
			03	Katz, N	MWF 10:00 - 10:55 R 09:00 - 09:55	B122 GCL B122 GCL	G
			04	Katz, N	MWF 10:00 - 10:55 R 10:00 - 10:55	B122 GCL 269 LAU	G
			05	Katz, N	MWF 10:00 - 10:55 R 10:00 - 10:55	B122 GCL B122 GCL	G
			06	Katz, N	MWF 10:00 - 10:55 R 10:00 - 10:55	B122 GCL 119 KRK	G
			07	Katz, N	MWF 10:00 - 10:55 R 13:00 - 13:55	B122 GCL 142 KCK	G
			08	Katz, N	MWF 10:00 - 10:55 R 13:00 - 13:55	B122 GCL 314 ANB	G
			09	Katz, N	MWF 10:00 - 10:55 R 13:00 - 13:55	B122 GCL B101 BBB	G
			10	Katz, N	MWF 10:00 - 10:55 R 14:30 - 15:25	B122 GCL 142 KCK	G
Ma 005A	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 105a</i>	01	Flach, M	MWF 09:00 - 09:55	102 STL	
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics	01	Lupini, M	MWF 13:00 - 13:55	B122 GCL	
Ma 008	3-0-0	Problem Solving in Calculus	01	Mantovan, E	TR 19:30 - 20:55	269 LAU	P

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<b>MATHEMATICS</b>							
Ma 010	2-0-1	Oral Presentation	01	Graber, T	T 14:00 - 15:55	142 KCK	P
Ma 017	2-0-2	How to Solve It	01	Katz, N	T 19:00 - 20:55	103 DWN	P
Ma 020	1-0-0	Frontiers in Mathematics	01	Graber, T	T 12:00 - 12:55	B122 GCL	P
Ma 092A	+	Senior Thesis	01	Flach, M	A	A	P
Ma 098	+	Independent Reading	01	Flach, M	A	A	P
			02	Amir Khosravi, Z	A	A	P
Ma 102	4-0-5	Differential Equations <i>taught concurrently with Ma 2</i>	01	Katz, N	MWF 10:00 - 10:55	B122 GCL	G
Ma 105A	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 5a</i>	01	Flach, M	MWF 09:00 - 09:55	102 STL	
Ma 108A	3-0-6	Classical Analysis	01	Lazebnik, K	MWF 11:00 - 11:55	107 DWN	
Ma 109A	3-0-6	Introduction to Geometry and Topology	01	Marculli, M	MWF 10:00 - 10:55	B111 DWN	
Ma 110A	3-0-6	Analysis	01	Makarov, N	MWF 11:00 - 11:55	104 Bldg 15	
Ma 116A	3-0-6	Mathematical Logic and Axiomatic Set Theory	01	Panagiotopoulos, A	TR 13:00 - 14:25	B127 GCL	
Ma 120A	3-0-6	Abstract Algebra	01	Ramakrishnan, D	MWF 09:00 - 09:55	104 Bldg 15	
Ma 121A	3-0-6	Combinatorial Analysis	01	Rains, E	MWF 14:00 - 14:55	122 Bldg 15	
EE/Ma/CS 126A	3-0-6	Information Theory <i>make-up classes held on Fridays 10:30-noon in Moore B270</i>	01	Effros, M	MW 10:30 - 11:55	B270 MRE	G



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<b>MATHEMATICS</b>							
EE/Ma/CS 127	3-0-6	Error-Correcting Codes	01	Kostina, V	MW 13:00 - 14:25	107 ANB	
Ma 130A	3-0-6	Algebraic Geometry	01	Graber, T	MWF 13:00 - 13:55	104 Bldg 15	
Ma 135A	3-0-6	Arithmetic Geometry	01	Flach, M	MWF 14:00 - 14:55	104 Bldg 15	
Ma/ACM 144A	3-0-6	Probability	01	Tamuz, O	MWF 13:00 - 13:55	B125 BAX	
Ma 145A	3-0-6	Representation Theory	01	Yom Din, A	TR 13:00 - 14:25	104 Bldg 15	
Ma 151A	3-0-6	Algebraic and Differential Topology	01	Ni, Y	MWF 10:00 - 10:55	104 Bldg 15	
Ma 191A	3-0-6	Selected Topics in Mathematics <i>Section 1: Introduction to Categorification (P/F only) / Section 2: Introduction to Heegaard Floer homology (P/F only) / Section 3: Topics in Set Theory and Its Applications (Grades only) / Section 4: Introduction to p-adic Hodge Theory</i>	01	Qi, Y	TR 09:00 - 10:25	122 Bldg 15	
			02	Ni, Y	TR 10:30 - 11:55	122 Bldg 15	
			03	Kechris, A	TR 13:00 - 14:25	122 Bldg 15	
			04	Xu, D	TR 14:30 - 15:55	122 Bldg 15	
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	Marculli, 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	Zhu, X	A	A	P

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<b>MATHEMATICS</b>							
Ma 290	+	Reading	14	Tamuz, O	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
			17	Tamuz, O	A	A	P
			18	Owhadi, H	A	A	P
<b>MECHANICAL ENGINEERING</b>							
EE/ME 007	2-3-1	Introduction to Mechatronics	01	George, G	MW 13:00 - 13:55	B270 MRE	P
ME 010	1-0-0	Thinking Like an Engineer	01	Andrade, J	W 12:00 - 12:55	115 GTL	P
ME 011A	3-0-6	Thermal Science	01	Hunt, M	MWF 14:00 - 14:55	135 GTL	G
ME 012A	3-0-6	Mechanics	01	Mello, M	TR 13:00 - 14:25	135 GTL	G

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<b>MECHANICAL ENGINEERING</b>							
ME 013	0-4-0	Mechanical Prototyping <i>Maximum enrollment: 25 students between ME 13 and 113. // Students must submit a questionnaire available at the Registrar's Office by June 1st.</i>	01	Van Deusen, J	OM,W 17:00 - 18:55	024 SPL	P
ME 072A	3-4-2	Engineering Design Laboratory	01	Mello, M / Van Deusen, J	TR 15:00 - 16:25	135 GTL	G
ME 090A	0-0-9	Senior Thesis, Experimental	01	Minnich, A	A	A	G
ME 100	+	Independent Studies in Mechanical Engineering	01	Hunt, M	A	A	P
			02	Shepherd, J	A	A	P
			03	Colonus, T	A	A	P
			04	Scherer, A	A	A	P
			05	Burdick, J	A	A	P
			06	Minnich, A	A	A	P
			07	Rutledge, D	A	A	P
			08	Pickar, K	A	A	P
			09	Perona, P	A	A	P
			10	Hall, J	A	A	P
			11	Daraio, C	A	A	P
			12	Ames, A	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Lapusta, N	TR 09:00 - 10:25	135 GTL	G
E/ME 103	3-0-6	Management of Technology	01	Pickar, K	TR 14:30 - 15:55	115 GTL	
EST/EE/ME 109	3-0-6	Energy Technology and Policy	01	Hunt, M	TR 09:00 - 10:25	115 GTL	
ME 110	+	Special Laboratory Work in Mechanical Engineering	01	Staff	A	A	P

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<b>MECHANICAL ENGINEERING</b>							
ME 113	0-4-0	Mechanical Prototyping <i>Maximum enrollment: 25 students between ME 13 and 113. // Students must submit a questionnaire available at the Registrar's Office by June 1st.</i>	01	Van Deusen, J	OM,W 17:00 - 18:55	024 SPL	P
Ae/ME 118	3-0-6	Classical Thermodynamics	01	Minnich, A	MWF 11:00 - 11:55	135 GTL	
ME/CS 133A	3-0-6	Robotics	01	Burdick, J	MWF 15:00 - 15:55	135 GTL	
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	135 GTL	P
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>taught concurrently with Ae/AM/CE/ME 102a</i>	01	Lapusta, N	TR 09:00 - 10:25	135 GTL	
ME 200	+	Advanced Work in Mechanical Engineering	01	Burdick, J	A	A	P
Ae/AM/ME/Ge 225	3-0-6	Special Topics in Solid Mechanics: Static and Dynamic Failure of Brittle Solids and Interfaces, from the Micro to the Mega	01	Rosakis, A	TR 16:00 - 17:25	115 GTL	
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	Lewis, N	A	A	P
			11	Ravichandran, G	A	A	P
			12	Shepherd, J	A	A	P
			13	Fultz, B	A	A	P

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ME 300	+	Research in Mechanical Engineering	14	Greer, J	A	A	P
			15	van de Walle, A	A	A	P
			16	Adkins, J	A	A	P
			18	Lapusta, N	A	A	P
			19	Gharib, M	A	A	P
			20	Brady, 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
32	Ames, A	A	A	P			
33	Pellegrino, S	A	A	P			
<b>MEDICAL ENGINEERING</b>							
MedE 099	+	Undergraduate Research in Medical Engineering	01	Shapiro, M	A	A	P
			02	Tai, Y	A	A	P
MedE 100A	1-0-0	Medical Engineering Seminar	01	Tai, Y	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	B280 MRE	
BE/EE/MedE 189A	3-6-3	Design and Construction of Biodevices <i>maximum enrollment: 24 students</i>	01	Bois, J	TR 10:30 - 11:55	108 KCK	

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<b>MEDICAL ENGINEERING</b>							
MedE 291	+	Research in Medical Engineering	01	Burdick, J	A	A	P
			02	Choo, H	A	A	P
			03	Gao, W	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
			17	Shapiro, M	A	A	P
			18	Wang, L	A	A	P
			19	Gradinaru, V	A	A	P
			20	Daraio, C	A	A	P
			21	Gao, W	A	A	P
<b>MUSIC</b>							
Mu 051	3-0-6	Understanding Music <i>maximum enrollment: 20 students</i>	01	Neenan, T	TR 10:30 - 11:55	B133 BAX	
Mu 137	3-0-6	History I: Music History to 1750 <i>maximum enrollment: 20 students</i>	01	Neenan, T	TR 13:00 - 14:25	B133 BAX	
<b>NEUROBIOLOGY</b>							
Bi/CNS/NB 164	3-0-6	Tools of Neurobiology	01	Meister, M	WF 13:00 - 14:25	B101 BBB	

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<b>NEUROBIOLOGY</b>							
CNS/Bi/Ph/CS/NB 187	3-0-6	Neural Computation <i>class cancelled</i>	01	Staff	A	A	
Bi/CNS/NB 195	3-0-6	Mathematics in Biology	01	Meister, M	WF 10:30 - 11:55	B101 BBB	
Bi/CNS/NB 216	2-0-4	Behavior of Mammals	01	Allman, J	WF 14:00 - 15:55	200 BRD	
<b>PERFORMING AND VISUAL ARTS</b>							
PVA030A	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
PVA031A	0-3-0	Chamber Music <i>Sec 1: Mixed Ensembles / Sec 2: Piano four-hands / Sec 3: Guitar Ensemble</i>	01	Jasper White, M	OM,A	A	P
			02	Ward, R	OM,A	A	P
			03	Elgart, M	OM,A	A	P
PVA032A	0-3-0	Symphony Orchestra	01	Gross, A	T 19:30 - 22:15	Ramo Auditorium BAX	P
PVA033A	0-3-0	Wind Orchestra	01	Price, G	R 19:15 - 21:25	Ramo Auditorium BAX	P
PVA034A	0-3-0	Jazz Band/Jazz Improvisation	01	Catlin, B	M 19:15 - 21:00	Ramo Auditorium BAX Ramo Auditorium BAX	P
					M 21:15 - 22:45		
PVA035A	0-3-0	Glee Club	01	Sulahian, N	M 19:30 - 21:25	Basement BCK Basement BCK	P
					W 17:00 - 17:55		
PVA037A	0-3-0	Chamber Singers	01	Sulahian, N	W 18:00 - 18:55	Basement BCK	P
PVA040A	2-0-1	Theater Arts <i>Sec 1: Storytelling for Scientists / Sec 2: Improvisation for Scientists</i>	01	Brophy, B	W 19:00 - 20:25	Ramo Auditorium BAX Ramo Auditorium BAX	P
			02	Brophy, B	W 20:30 - 21:55		
PVA061A	0-3-0	Silkscreen and Silk Painting	01	Barry, J	M 19:00 - 21:55	Garage TCT	P

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<b>PERFORMING AND VISUAL ARTS</b>							
PVA062A	0-3-0	Drawing and Painting	01	Barry, J	T 19:00 - 21:55	Garage TCT	P
PVA063A	0-3-0	Ceramics <i>maximum enrollment: 14 students</i>	01	Freed, S	W 19:00 - 21:55	Ceramic Room POLY	P
<b>PHILOSOPHY</b>							
Hum/PI 041	3-0-6	Knowledge and Reality <i>attendance at first class is required // maximum enrollment: 15 students //class closed to continuing students until term start</i>	01	Babic, B	R 19:00 - 21:55	115 DAB	
Hum/PI 042	3-0-6	Philosophy and Gender <i>attendance at first class is required // maximum enrollment: 15 students per section // class closed to continuing students until term start</i>	01 02	Cowie, F Cowie, F	TR 13:00 - 14:25 TR 14:30 - 15:55	128 BAX 128 BAX	
PI 090A	1-0-8	Senior Thesis <i>Instructor permission required prior to registering</i>	01 02	Quartz, S Eberhardt, F	A A	A A	G G
PI 098	+	Reading in Philosophy <i>Instructor permission required prior to registering</i>	01	Cowie, F	A	A	P
HPS/PI/CS 110	3-0-6	Causation and Explanation <i>maximum enrollment: 15 students</i>	01	Eberhardt, F	TR 13:00 - 14:25	B119 BAX	G
HPS/PI 120	3-0-6	Introduction to Philosophy of Science <i>maximum enrollment: 15 students</i>	01	Eberhardt, F	TR 10:30 - 11:55	TR DAB	G
<b>PHYSICAL EDUCATION</b>							
PE 001	3-0-0	Student Designed Fitness <i>maximum enrollment: 15 students</i>	01	Morgan, H	TR 13:00 - 13:55	BRW	P
PE 003	3-0-0	Hiking <i>maximum enrollment: 10 students</i>	01	Murray, P / Raphelson, B	F 11:00 - 14:55	BRW	P



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<b>PHYSICAL EDUCATION</b>							
PE 006	3-0-0	Core Training, Beginning/Intermediate <i>maximum enrollment: 15 students</i>	01	Hughes, R	TR 10:30 - 11:55	MPR BAC	P
PE 008	3-0-0	Fitness Training, Beginning <i>maximum enrollment: 15 students</i>	01	Morgan, H	MWF 13:00 - 13:55	BAC	P
PE 009	3-0-0	Soccer <i>maximum enrollment: 15 students</i>	01	Houck, T	TR 10:30 - 11:55	BAC	P
PE 010	3-0-0	Aerobic Dance <i>Zumba // maximum enrollment: 20 students</i>	01	Waterman, D	TR 14:45 - 15:55	MPR BAC	P
PE 014	3-0-0	Basketball Skills, Beginning and Beginning/Intermediate <i>class cancelled</i>	01	Eslinger, O	TR 10:30 - 11:55	BAC	P
PE 024	3-0-0	Yoga, Beginning <i>maximum enrollment: 20 students</i>	01	Flynn, K / Alvarado- Orozco, J	TR 20:00 - 21:25	MPR BAC	P
PE 036	3-0-0	Swimming, Beginning/Intermediate and Advanced <i>Beginning Swimming // maximum enrollment: 12 students</i>	01	Hughes, P	TR 10:30 - 11:55	POOL BAC	P
PE 038	3-0-0	Water Polo <i>maximum enrollment: 12 students</i>	01	Bonafede, J	TR 14:30 - 15:55	POOL BAC	P
PE 044	3-0-0	Karate (Shotokan), Beginning and Intermediate/Advanced <i>maximum enrollment: 25 students</i>	01	Teramoto, K	TR 16:00 - 17:25	MPR BAC	P
PE 054	3-0-0	Racquetball, Beginning and Intermediate/Advanced <i>maximum enrollment: 12 students</i>	01	Mark, M	MWF 11:00 - 11:55	BAC	P
PE 060	3-0-0	Tennis, Beginning, Intermediate, and Advanced <i>maximum enrollment: 12 students</i>	01	Gamble, M	TR 10:30 - 11:55	TCT BAC	P
PE 070	3-0-0	Weight Training, Beginning/Intermediate <i>maximum enrollment: 15 students per section</i>	01 02	Gardner, T Reyes, B	TR 13:00 - 14:25 MWF 10:00 - 10:55	BAC BAC	P P

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<b>PHYSICAL EDUCATION</b>							
PE 081	3-0-0	Bouldering <i>maximum enrollment: 10 students</i>	01	Boyd, D	W 10:00 - 12:55	BRW	P
PE 082	3-0-0	Rock Climbing, Beginning and Intermediate <i>maximum enrollment: 15 students</i>	01	Boyd, D	W 13:00 - 15:55	BRW	P
PE 087A	3-0-0	Intercollegiate Swimming and Diving Teams	01	Hughes, P	MTWRFS 16:00 - 17:55	POOL BAC	P
PE 089A	3-0-0	Intercollegiate Fencing Teams	01	Corbit, C	MTWRFS 16:00 - 17:55	BRW	P
PE 090A	3-0-0	Intercollegiate Water Polo Teams	01	Bonafede, J	MTWRFS 16:00 - 17:55	POOL BAC	P
PE 091A	3-0-0	Intercollegiate Basketball Teams	01	Eslinger, O / Reyes, B	MTWRFS 16:00 - 17:55	BAC	P
PE 092	3-0-0	Intercollegiate Soccer Teams	01	Murray, P / Houck, T	MTWRFS 16:00 - 17:55	NOF BAC	P
PE 097	3-0-0	Intercollegiate Cross-Country Teams	01	Raphelson, B	MTWRFS 16:00 - 17:55	TRK BAC	P
PE 099	3-0-0	Intercollegiate Volleyball Team	01	Gardner, T	MTWRFS 16:00 - 17:55	BAC	P
<b>PHYSICS</b>							
Ph 001A	4-0-5	Classical Mechanics and Electromagnetism	01	Zmuidzinas, J	WF 11:00 - 11:55	201 BRG	P
					MR 13:00 - 13:55	B111 DWN	
			02	Zmuidzinas, J	WF 11:00 - 11:55	201 BRG	P
					MR 15:00 - 15:55	B111 DWN	
			03	Zmuidzinas, J	WF 11:00 - 11:55	201 BRG	P
					MR 13:00 - 13:55	103 DWN	
			04	Zmuidzinas, J	WF 11:00 - 11:55	201 BRG	P
					MR 15:00 - 15:55	269 LAU	
			05	Zmuidzinas, J	WF 11:00 - 11:55	201 BRG	P
					MR 13:00 - 13:55	155 ARM	

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<b>PHYSICS</b>										
Ph 001A	4-0-5	Classical Mechanics and Electromagnetism	06	Zmuidzinas, J	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 102 STL	P			
			07	Zmuidzinas, J	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 102 STL	P			
			08	Zmuidzinas, J	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG B122 GCL	P			
			09	Zmuidzinas, J	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 106 ANB	P			
			10	Zmuidzinas, J	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>	02	Adhikari, R	R 11:00 - 11:55 T 11:00 - 11:55 WF 09:00 - 09:55	269 LAU 201 BRG 107 DWN	G
						03	Adhikari, R	R 11:00 - 11:55 T 11:00 - 11:55 WF 11:00 - 11:55	269 LAU 201 BRG B111 DWN	G
						04	Adhikari, R	R 11:00 - 11:55 T 11:00 - 11:55 WF 11:00 - 11:55	269 LAU 201 BRG B122 GCL	G
						05	Adhikari, R	R 11:00 - 11:55 T 11:00 - 11:55 WF 13:00 - 13:55	269 LAU 201 BRG B111 DWN	G
						06	Adhikari, R	R 11:00 - 11:55 T 11:00 - 11:55 WF 15:00 - 15:55	269 LAU 201 BRG B111 DWN	G
Ph 003	0-3-3	Physics Laboratory <i>Maximum enrollment: 24 students per section</i>				01	Black, E / Libbrecht, K	W 13:00 - 15:55 OM,M 14:00 - 14:55	308 BRG 201 BRG	
						02	Black, E / Libbrecht, K	OM,M 14:00 - 14:55 R 13:00 - 15:55	201 BRG 308 BRG	
						03	Black, E / Libbrecht, K	OM,M 14:00 - 14:55 F 13:00 - 15:55	201 BRG 308 BRG	

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<b>PHYSICS</b>							
Ph 005	0-5-4	Analog Electronics for Physicists <i>taught concurrently with Ph 105</i>	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: 12 students</i>	01	Politzer, H	MF 13:00 - 13:55	248 LAU	P
Ph 010	2-0-1	Frontiers in Physics <i>Maximum enrollment: 33 students</i>	01	Spiropulu, M	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
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	Prince, T / Mach, C	OM,M 15:00 - 15:55	304 BRG	P
Ph 050A	1-0-3	Caltech Physics League	01	Refael, G / Patterson, R	OM,R 18:00 - 18:55	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 103	3-0-6	Atomic and Molecular Physics	01	Hutzler, N	MWF 09:00 - 09:55	103 DWN	
Ph 105	3-0-6	Analog Electronics for Physicists <i>taught concurrently with Ph 005</i>	01	Rice, F / Libbrecht, K	OM,T 15:00 - 15:55	201 BRG	

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<b>PHYSICS</b>							
Ph 106A	3-0-6	Topics in Classical Physics	01	Weinstein, A	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 121A	1-3-0	Computational Physics Lab	01	Refael, G	OM,T 10:30 - 11:25 T 10:30 - 11:25	304 BRG 304 BRG	P
			02	Refael, G	OM,T 10:30 - 11:25 R 10:30 - 11:25	304 BRG 304 BRG	P
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	Motrunich, O	MW 13:00 - 14:25	107 DWN	
Ph 129A	3-0-6	Mathematical Methods of Physics	01	Porter, F	TR 09:00 - 10:25	107 DWN	
Ph 135A	3-0-6	Applications of Quantum Mechanics	01	Yeh, N	TR 13:00 - 14:25	107 DWN	
Ph 171	+	Reading and Independent Study	01	Preskill, J	A	A	P
			02	Refael, G	A	A	P
			03	Cross, M	A	A	P
			04	Carroll, S	A	A	P
			05	Schwarz, J	A	A	P
			06	Phillips, R	A	A	P
			07	Motrunich, O	A	A	P
			08	Kapustin, A	A	A	P
			09	Simon, B	A	A	P
			10	Chen, Y	A	A	P
			11	Porter, F	A	A	P
			12	Cheung, C	A	A	P
			13	Chen, X	A	A	P
			14	Guadalupe Dos Santos Lins Brandao, F	A	A	P

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<b>PHYSICS</b>							
Ph 171	+	Reading and Independent Study	15	Hutzler, N	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
33	Kitaev, A	A	A	P			
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

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<b>PHYSICS</b>							
Ph 172	+	Research in Experimental Physics	18	Alicea, J	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
			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
			39	Mawet, D	A	A	P
			40	Endres, M	A	A	P
			41	Chen, Y	A	A	P
			42	Weinstein, A	A	A	P
			43	Kirby, E	A	A	P
			44	Yeh, N	A	A	P
			45	Hutzler, 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			

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<b>PHYSICS</b>							
Ph 172	+	Research in Experimental Physics	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	Endres, M	A	A	P
			58	Nad Perge, S	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
			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
			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
			28	Guadalupe Dos Santos	A	A	P



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<b>PHYSICS</b>							
Ph 173	+	Research in Theoretical Physics	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
			48	Chan, G	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 <i>class cancelled</i>	01	Staff
Ph 205A	3-0-6	Relativistic Quantum Field Theory	01	Kapustin, A	MW 10:30 - 11:55	103 DWN	P
Ph 217	3-0-6	Introduction to the Standard Model	01	Cheung, C	MW 13:00 - 14:25	269 LAU	
Ph/CS 219A	3-0-6	Quantum Computation	01	Kitaev, A	MW 14:30 - 15:55	103 DWN	P
Ph 230A	3-0-6	Elementary Particle Theory	01	Oguri, H	MW 10:30 - 11:55	469 LAU	P
Ph 236A	3-0-6	Relativity	01	Chen, Y	TR 14:30 - 15:55	103 DWN	P
Ph 242A	2-0-1	Physics Seminar	01	Stone, E	F 12:00 - 13:55	108 BRG	P
Ph 300	+	Thesis Research	01	Newman, H	A	A	P
			02	Zmuidzinas, J	A	A	P
			03	Cross, M	A	A	P

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Ph 300	+	Thesis Research	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	Alicea, J	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	Scoville, N	A	A	P
			18	Lester, H	A	A	P
			19	Libbrecht, K	A	A	P
			20	Desbrun, M	A	A	P
			21	Martin, A	A	A	P
			22	Martin, C	A	A	P
			23	McKeown, R	A	A	P
			24	Kapustin, A	A	A	P
			25	Bellan, P	A	A	P
			26	Winfree, E	A	A	P
			27	Ellis, R	A	A	P
			28	Motrunich, O	A	A	P
			29	Refael, G	A	A	P
			30	Preskill, J	A	A	P
			31	Adhikari, R	A	A	P
			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

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<b>PHYSICS</b>							
Ph 300	+	Thesis Research	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	Trojan, S	A	A	P
			46	Gharib, M	A	A	P
			47	Weinstein, A	A	A	P
			48	Chen, Y	A	A	P
			49	Yue, Y	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	Hopkins, P	A	A	P
			55	Atwater, H	A	A	P
			56	Carroll, S	A	A	P
			57	Daraio, C	A	A	P
			58	Schwab, K	A	A	P
			59	Porter, F	A	A	P
			60	Cheung, C	A	A	P
			61	Prince, T	A	A	P
			62	Teukolsky, S	A	A	P
			63	Chen, X	A	A	P
			64	Rosenbaum, T	A	A	P
<b>POLITICAL SCIENCE</b>							
PS 012	3-0-6	Introduction to Political Science	01	Ordeshook, P	MWF 15:00 - 15:55	Lecture Hall BAX	

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<b>POLITICAL SCIENCE</b>							
PS 097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
PS 099A	3-0-6	Political Science Research Seminar <i>Designated as Writing Intensive Course // Instructor permission required prior to registering</i>	01	Ordeshook, P	A	A	
PS 121	3-0-6	Analyzing Congress	01	Hirsch, A	TR 14:30 - 15:55	127 BAX	
PS 132	3-0-6	Formal Theories in Political Science	01	Agranov, M	TR 10:30 - 11:55	228 BAX	G
PS 135	3-0-6	Analyzing Legislative Elections	01	Katz, J	MW 10:30 - 11:55	127 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	127 BAX	G
<b>PSYCHOLOGY</b>							
Psy090	3-0-6	Applied Neuropsychology of Learning <i>see course syllabus link to the left for course description // on 11/9/17 class will meet in Baxter Lecture Hall</i>	01	Rangel, A	TR 14:30 - 15:55	B125 BAX	
Psy115	3-0-6	Social Psychology <i>maximum enrollment: 40 students // Lecture will be held in B270 Moore on 11/9/17 only</i>	01	Tusche, A / Kliemann, D	MR 10:30 - 11:55	B125 BAX	
<b>SOCIAL SCIENCE</b>							
SS 098	+	Reading in Social Science <i>Instructor permission required prior to registering</i>	01	Kousser, J	A	A	P
			02	Kiewiet, D	A	A	P

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>SOCIAL SCIENCE</b>							
SS 201A	3-0-6	Analytical Foundations of Social Science <i>Open to Social Science graduate students only.</i>	01	Saito, K	M 16:00 - 17:55 R 14:30 - 15:55	Lecture Hall BAX Lecture Hall 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	127 BAX	G
SS 205A	3-0-6	Foundations of Economics <i>Open to Social Science graduate students only.</i>	01	Doval, M	MW 09:00 - 10:25	B125 BAX	G
SS 210A	3-0-6	Foundations of Political Economy <i>On Nov 30th only, class will meet in SFL 2-3</i>	01	Agranov, M	R 13:00 - 15:55	2-2 SFL	G
SS 211A	3-0-6	Advanced Economic Theory <i>section 1 grades only</i>	01 02	Doval, M Cvitanic, J	MW 10:30 - 11:55 TR 17:00 - 18:25	125 BAX 128 BAX	
SS 222A	3-0-6	Econometrics <i>Open to graduate students only</i>	01	Shum, M	MW 10:30 - 11:55	128 BAX	G
SS 223A	3-0-6	Advanced Topics in Econometric Theory	01	Sherman, R	M 17:30 - 18:55 W 09:00 - 10:25	128 BAX 128 BAX	G
SS 228A	3-0-6	Applied Empirical Methods in the Social Sciences <i>open to graduate students only</i>	01	Katz, J	W 13:00 - 15:55	325 BAX	G
SS 229A	3-0-6	Theoretical and Quantitative Dimensions of Historical Development	01	Rosenthal, J	TR 09:00 - 10:25	237 BAX	G
SS 231B	3-0-6	American Politics	01	Alvarez, R	T 13:00 - 15:55	103 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 &amp; 260a</i>	01	Plott, C	TR 09:00 - 10:25	127 BAX	G
SS 282A	2-0-1	Graduate Proseminar in Social Science	01	Camerer, C	R 13:00 - 14:25	228 BAX	P
SS 300	+	Research in Social Science	01 02	Ewens, M Plott, C	A A	A A	P P

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<b>SOCIAL SCIENCE</b>										
SS 300	+	Research in Social Science	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	Tamuz, O	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			
			14	Adolphs, R	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			
			21	Jin, J	A	A	P			
			22	Hoffman, P	A	A	P			
			23	O'Doherty, J	A	A	P			
			24	Lester, H	A	A	P			
			25	Mobbs, D	A	A	P			
			<b>STUDENT ACTIVITIES</b>							
			SA 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
SA 080A	1-1-1	Health Advocates <i>maximum enrollment: 24 students per section</i>	01	Stapf, M	W 19:00 - 21:55	YHC	P			
			02	Stapf, M	R 19:00 - 21:55	YHC	P			
<b>STUDY ABROAD</b>										

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<b>STUDY ABROAD</b>							
CAM100	36-0-0	Cambridge Scholars Program	01	Staff	A	A	P
CPH100	36-0-0	Copenhagen Scholars Program	01	Staff	A	A	P
UCL100	36-0-0	University College London Scholars Program	01	Staff	A	A	P
EDN100	36-0-0	University of Edinburgh Scholars Program	01	Staff	A	A	P
EPT100	36-0-0	Ecole Polytechnique Scholars Program	01	Staff	A	A	P
MEL100	0-0-0	Melbourne Scholars Program	01	Staff	A	A	P
<b>WRITING</b>							
Wr 001	3-0-6	Introduction to Academic Writing for Multilingual Writers <i>open to undergraduate students only</i>	01	Hall, S	TR 14:30 - 15:55	115 BCK	P
Wr 002	3-0-6	Introduction to Academic Writing <i>open to undergraduate students only</i>	01	Daley, C	TR 09:00 - 10:25	115 DAB	P
			02	Daley, C	TR 14:30 - 15:55	101 KRK	P
			03	Daley, C	MF 12:30 - 13:55	314 ANB	P
Wr 050	+	Tutorial in Writing	01	Hall, S	A	A	P