

Web Address - <http://www.registrar.caltech.edu/>**KEY TO ABBREVIATIONS****LOCATIONS**


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ANB	Annenberg Center for Information Science and Technology	KCK	Keck Engineering Laboratory
ARM	Arms Laboratory of Geological Sciences	KLK	Kellogg Radiation Laboratory
AVE	Avery House	KRK	Kerckhoff Laboratory of Biological Sciences
BAC	Braun Athletic Center	KSP	Keith Spaulding Building
BAX	Baxter Hall of Humanities and Social Services	L+R	Linde + Robinson Laboratory for Global Environmental Science
BBB	Beckman Laboratory of Behavioral Biology	LAU	Lauritsen Physics Laboratory
BCK	Beckman Institute	LINDE	Ronald and Maxine Linde Hall of Mathematics and Physics
BRD	Broad Center	MEAD	Undergraduate Chemistry Laboratory
BRG	Bridge Laboratory of Physics	MRE	Moore Laboratory
BRN	Braun Laboratory	NMD	North Mudd Building of Geological Sciences
BRW	Brown Gym	NYS	Noyes Laboratory of Chemical Physics
CHL	Cahill Center for Astronomy and Astrophysics	NewMedia	NewMedia Classroom
CHR	Church Laboratory of Chemical Biology	POLY	Polytechnic School
CRL	Crellin Chemistry Laboratory	PWL/BTH	Powell/Booth Laboratory
CSS	Center for Student Services	SAC	Student Activities Center
DAB	Dabney Hall of Humanities	SCH	Schlinger Laboratory
DWN	Downs Physics Laboratory	SFL	Sherman Fairchild Library
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
HAM	Hameetman Center	YHC	Young Health Center
KAR	Karman 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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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>AEROSPACE</b>							
Ae 100	+	Research in Aerospace	01	Culick, F	A	A	P
			02	Ravichandran, G	A	A	P
			03	Rosakis, A	A	A	P
			04	Meiron, D	A	A	P
			05	Dimotakis, P	A	A	P
			06	McKeon, B	A	A	P
			07	Blanquart, G	A	A	P
			08	Daraio, C	A	A	P
			09	Shepherd, J	A	A	P
			10	Gharib, M	A	A	P
			11	Chung, S	A	A	P
			12	Pellegrino, S	A	A	P
Ae/APh/CE/ME 101C	3-0-6	Fluid Mechanics	01	McKeon, B	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102C	3-0-6	Mechanics of Structures and Solids	01	Ravichandran, G	TR 09:00 - 10:25	135 GTL	G
Ae 103B	3-0-6	Aerospace Control Systems <i>taught concurrently with CDS270</i>	01	Campagnola, S	TR 14:30 - 15:55	133 GUG	P
Ae/APh 104C	0-6-3	Experimental Methods	01	Gharib, M	A	A	G
Ae 105C	0-8-1	Aerospace Engineering	01	Lim, B / Hogstrom, K / Chung, S	TR 16:30 - 17:55	133 GUG	G
APh/Ph/Ae 116	3-0-9	Physics of Thermal and Mass Transport in Hydrodynamic Systems <i>make-up classes will be held on Fridays from 1-2:30 in Watson 170</i>	01	Troian, S	TR 13:00 - 14:25	170 WAT	
Ae/ME 120B	3-0-6	Combustion Fundamentals	01	Blanquart, G	MWF 14:00 - 14:55	115 GTL	
Ae 121C	3-0-6	Space Propulsion	01	Polk, J	TR 13:00 - 14:25	232 GUG	

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<b>AEROSPACE</b>							
Ae 150C	1-0-0	Aerospace Engineering Seminar	01	Meiron, D	M 13:00 - 13:55	133 GUG	P
Ae 200	+	Advanced Research in Aerospace	01	Bellan, P	A	A	P
			02	Schneider, T	A	A	P
			03	Pellegrino, S	A	A	P
			04	Dimotakis, P	A	A	P
			05	Gharib, M	A	A	P
			06	Hornung, H	A	A	P
			07	McKeon, B	A	A	P
			08	Leonard, A	A	A	P
			09	Murray, R	A	A	P
			10	Ortiz, M	A	A	P
			11	Pullin, D	A	A	P
			12	Ravichandran, G	A	A	P
			13	Rosakis, A	A	A	P
			14	Bhattacharya, K	A	A	P
			15	Colonus, T	A	A	P
			16	Shepherd, J	A	A	P
			17	Blake, G	A	A	P
			18	Lapusta, N	A	A	P
			19	Trojan, S	A	A	P
			20	Daraio, C	A	A	P
			21	Chung, S	A	A	P
			22	Blanquart, G	A	A	P
			23	Kochmann, D	A	A	P
			24	Greer, J	A	A	P
			25	Gurnis, M	A	A	P
			26	Minnich, A	A	A	P
			27	Johnson, J	A	A	P
			28	Austin, J	A	A	P
			29	Kulkarni, S	A	A	P
			30	Meiron, D	A	A	P
			31	Burdick, J	A	A	P

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<b>AEROSPACE</b>							
Ae 200	+	Advanced Research in Aerospace	32	Asimaki, D	A	A	P
			33	Hunt, M	A	A	P
Ae 208C	1-0-0	GALCIT Colloquium	01	Chung, S / Austin, J	F 15:00 - 15:55	133 GUG	P
Ae/AM/CE/ME 214B	3-5-1	Computational Solid Mechanics	01	Stainier, L	MWF 09:00 - 09:55	384 FIR	
Ae/AM/ME 223	3-0-6	Plasticity	01	Andrade, J	TR 14:30 - 15:55	135 GTL	
Ae 237B	3-0-6	Nonsteady Gasdynamics	01	Austin, J / Shepherd, J	TR 13:00 - 14:25	384 FIR	P
Ae 240	+	Special Topics in Fluid Mechanics <i>Section 1: Educational Exchange (Pass-Fail only) / Section 2: Control and Estimation for Swarm Autonomy, 9 units (3-0-6)</i>	01	Meiron, D	A	A	P
Ae 240	2-0-7	Special Topics in Fluid Mechanics <i>Section 1: Educational Exchange (Pass-Fail only) / Section 2: Control and Estimation for Swarm Autonomy, 9 units (3-0-6)</i>	02	Chung, S / Yue, Y	MW 14:00 - 15:25	133 GUG	P
<b>ANTHROPOLOGY</b>							
An 097	+	Undergraduate Research	01	Ensminger, J	A	A	P
<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
ACM011	2-2-2	Introduction to Matlab and Mathematica	01	Lam, K	R 09:00 - 10:55	107 ANB	
ACM095B	4-0-8	Introductory Methods of Applied Mathematics for the Physical Sciences	01	Meiron, D	MWF 11:00 - 12:15	119 KRK	
ACM100B	4-0-8	Introductory Methods of Applied Mathematics for the Physical Sciences	01	Meiron, D	MWF 11:00 - 12:15	119 KRK	

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<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
Ma/ACM 142	3-0-6	Ordinary and Partial Differential Equations	01	Isett, P	TR 13:00 - 14:25	187 LINDE	P
ACM/CS/IDS 157	3-2-4	Statistical Inference	01	Zuev, K	WF 09:00 - 10:25	105 ANB	
ACM/EE/IDS 170	3-0-9	Mathematics of Signal Processing	01	Hassibi, B	TR 13:00 - 14:25	B280 MRE	
CS/ACM 177B	3-3-3	Discrete Differential Geometry: Theory and Applications	01	Schroeder, P	TR 10:30 - 11:55	314 ANB	
ACM190	+	Reading and Independent Study	01	Bruno, O	A	A	P
ACM210	3-0-6	Numerical Methods for PDEs	01	Hou, Y	MW 13:00 - 14:25	314 ANB	
ACM/EE/IDS 217	3-0-6	Advanced Topics in Stochastic Analysis: Stochastic Differential Equations	01	Stuart, A	MWF 09:00 - 10:55	213 ANB	
ACM270	3-1-5	Advanced Topics in Applied and Computational Math: Classical and quantum information processing with tensors	01	Tropp, J / Kueng, R	MW 14:30 - 15:55	B280 MRE	
ACM300	+	Research in Applied and Computational Mathematics	01	Bruno, O	A	A	P
			02	Chandrasekaran, V	A	A	P
			03	Desbrun, M	A	A	P
			04	Hou, Y	A	A	P
			05	Tropp, J	A	A	P
			06	Meiron, D	A	A	P
			07	Stuart, A	A	A	P
			08	Owhadi, H	A	A	P
			09	Hassibi, B	A	A	P
			10	Schroeder, P	A	A	P
			11	Beck, J	A	A	P
<b>APPLIED MECHANICS</b>							

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<b>APPLIED MECHANICS</b>							
Ae/AM/CE/ME 102C	3-0-6	Mechanics of Structures and Solids	01	Ravichandran, G	TR 09:00 - 10:25	135 GTL	G
AM/CE/ME 150C	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	135 GTL	P
Ae/AM/CE/ME 214B	3-5-1	Computational Solid Mechanics	01	Stainier, L	MWF 09:00 - 09:55	384 FIR	
Ae/AM/ME 223	3-0-6	Plasticity	01	Andrade, J	TR 14:30 - 15:55	135 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 009B	2-2-2	Solid-State Electronics for Integrated Circuits	01	Scherer, A	TR 13:00 - 13:55	106 ANB	G
APh024	0-4-2	Introductory Modern Optics Laboratory	01	Faraon, A	OM,M 15:00 - 15:55	B280 MRE	
APh077C	0-9-0	Laboratory in Applied Physics	01	Bellan, P	OM,T 16:00 - 16:55	265 WAT	G
APh078C	0-9-0	Senior Thesis, Experimental	01	Atwater, H	A	A	G
			02	Painter, O	A	A	G
			03	Yung, Y	A	A	G
			04	Scherer, A	A	A	G
			05	Vahala, K	A	A	G
			06	Bellan, P	A	A	G
			07	Troian, S	A	A	G

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<b>APPLIED PHYSICS</b>							
APh078C	0-9-0	Senior Thesis, Experimental	08	Phillips, R	A	A	G
			09	Faraon, A	A	A	G
			10	Schwab, K	A	A	G
			11	Endres, M	A	A	G
			12	Hajimiri, S	A	A	G
APh079C	0-9-0	Senior Thesis, Theoretical	01	Phillips, R	A	A	G
			02	Troian, S	A	A	G
			03	Kimble, H	A	A	G
APh100	+	Advanced Work in Applied Physics	01	Phillips, R	A	A	P
			02	Atwater, H	A	A	P
			03	Faraon, A	A	A	P
			04	Schwab, K	A	A	P
			05	Troian, S	A	A	P
			06	Faraon, A	A	A	P
			07	Bellan, P	A	A	P
			08	Scherer, A	A	A	P
			09	Minnich, A	A	A	P
			10	Painter, O	A	A	P
			11	Quartz, S	A	A	P
			12	Kimble, H	A	A	P
			13	Polk, J	A	A	P
			14	Hajimiri, S	A	A	P
			15	Hajimiri, S	A	A	P
Ae/APh/CE/ME 101C	3-0-6	Fluid Mechanics	01	McKeon, B	MWF 10:00 - 10:55	133 GUG	G
Ae/APh 104C	0-6-3	Experimental Methods	01	Gharib, M	A	A	G
APh/MS 105C	3-0-6	States of Matter	01	Fultz, B	TR 09:00 - 10:25	104 WAT	
APh109	0-6-3	Introduction to the Micro/Nanofabrication Lab	01	Ghaffari, A / Troian, S	OM,R 16:00 - 16:55	104 WAT	

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APh/Ph/Ae 116	3-0-9	Physics of Thermal and Mass Transport in Hydrodynamic Systems <i>make-up classes will be held on Fridays from 1-2:30 in Watson 170</i>	01	Troian, S	TR 13:00 - 14:25	170 WAT	
Ph/APh/EE/BE 118B	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	B157 BRG	
APh156C	3-0-6	Plasma Physics	01	Bellan, P	MW 14:30 - 15:55	170 WAT	
APh/EE 183	3-0-6	Physics of Semiconductors and Semiconductor Devices <i>first class meeting will be on Monday, April 8th</i>	01	Nad Perge, S	MW 10:00 - 11:25	104 WAT	
APh190C	3-0-6	Quantum Electronics	01	Painter, O	TR 10:30 - 11:55	104 WAT	
APh200	+	Applied Physics Research	01	Desbrun, M	A	A	P
			02	Bellan, P	A	A	P
			03	Atwater, H	A	A	P
			04	Troian, S	A	A	P
			05	Johnson, W	A	A	P
			06	Chen, Y	A	A	P
			07	Yariv, A	A	A	P
			08	Vahala, K	A	A	P
			09	Lewis, N	A	A	P
			10	Fultz, B	A	A	P
			11	Schwab, K	A	A	P
			12	Heath, J	A	A	P
			13	Refael, G	A	A	P
			14	Kimble, H	A	A	P
			15	Goddard, W	A	A	P
			16	Faraon, A	A	A	P
			17	Minnich, A	A	A	P
			18	Yang, C	A	A	P
			19	Motrunich, O	A	A	P



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<b>APPLIED PHYSICS</b>							
APh200	+	Applied Physics Research	20	Hsieh, D	A	A	P
			21	Preskill, J	A	A	P
			22	Painter, O	A	A	P
			23	Bernardi, M	A	A	P
			24	Roukes, M	A	A	P
			25	Alicea, J	A	A	P
			26	Gharib, M	A	A	P
			27	Nad Perge, S	A	A	P
			28	Rosenbaum, T	A	A	P
			29	Hutzler, N	A	A	P
			30	Rees, D	A	A	P
			31	Elowitz, M	A	A	P
			39	Scherer, A	A	A	P
			40	Phillips, R	A	A	P
			41	Van Zyl, J	A	A	P
			42	Adhikari, R	A	A	P
			43	Spiropulu, M	A	A	P
Ph/APh 223B	3-0-6	Advanced Condensed-Matter Physics	01	Kitaev, A	MW 09:00 - 10:25	103 DWN	
APh250	3-0-6	Advanced Topics in Applied Physics: Physics on near-term quantum computers <i>taught concurrently with ME 201</i>	01	Minnich, A	MWF 13:00 - 13:55	135 GTL	
APh300	+	Thesis Research in Applied Physics	01	Yariv, A	A	A	P
			02	Troian, S	A	A	P
			03	Vahala, K	A	A	P
			04	Schwab, K	A	A	P
			05	Bernardi, M	A	A	P
			06	Flagan, R	A	A	P
			07	Faraon, A	A	A	P
			08	Hsieh, D	A	A	P
			09	Fultz, B	A	A	P
			10	Atwater, H	A	A	P

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<b>APPLIED PHYSICS</b>							
APh300	+	Thesis Research in Applied Physics	11	Desbrun, M	A	A	P
			12	Daraio, C	A	A	P
			13	Refael, G	A	A	P
			14	Nad Perge, S	A	A	P
			15	Rosenbaum, T	A	A	P
			16	Vahala, K	A	A	P
			21	Roukes, M	A	A	P
			26	Scherer, A	A	A	P
			27	Chen, Y	A	A	P
			31	Phillips, R	A	A	P
			33	Bellan, P	A	A	P
			36	Painter, O	A	A	P
			38	Zmuidzinas, J	A	A	P
<b>ART HISTORY</b>							
Art070	3-0-6	Traditions of Japanese Art <i>maximum enrollment: 20 students</i>	01	Wolfgram, J	TR 10:30 - 11:55	B119 BAX	G
E/Art 088	3-0-6	Critical Making <i>maximum enrollment: 20 students</i>	01	Mushkin, H	TR 13:00 - 14:25	127 BAX	G
<b>ASTROPHYSICS</b>							
Ay 001	3-3-3	The Evolving Universe <i>not open to juniors or seniors</i>	01	Djorgovski, S	MWF 14:00 - 14:55	Hameetman Aud CHL	G
Ge/Ay 011C	3-0-6	Introduction to Earth and Planetary Sciences: Planetary Sciences <i>Taught concurrently with Ge 103</i>	01	Brown, M	TR 13:00 - 14:25	162 SMD	G
Ay 031	1-0-2	Writing in Astronomy <i>Open to declared Ay majors at the discretion of the instructor //Nonmajors who have taken Astronomy courses may be admitted, but must have prior approval of instructor. Maximum enrollment: 11 students</i>	01	Howard, A	F 15:00 - 15:55	219 CHL	G

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<b>ASTROPHYSICS</b>							
Ay 043	+	Reading in Astronomy and Astrophysics	01	Hillenbrand, L	A	A	P
Ay 078C	+	Senior Thesis	02	Hillenbrand, L	A	A	P
			03	Blake, G	A	A	P
			04	Steidel, C	A	A	P
			05	Cohen, J	A	A	P
			06	Scoville, N	A	A	P
			08	Martin, C	A	A	P
			09	Prince, T	A	A	P
			11	Harrison, F	A	A	P
			12	Hallinan, G	A	A	P
			13	Phinney, E	A	A	P
			14	Hopkins, P	A	A	P
			15	Knutson, H	A	A	P
			16	Mawet, D	A	A	P
17	Kirby, E	A	A	P			
18	Kasliwal, M	A	A	P			
19	Djorgovski, S	A	A	P			
Ay 102	3-0-6	Physics of the Interstellar Medium	01	Hillenbrand, L	MWF 14:00 - 14:55	219 CHL	
Ay 105	1-5-4	Optical Astronomy Instrumentation Lab	01	Mawet, D	TR 18:00 - 20:55	219 CHL	
Ay 119	3-0-3	Astroinformatics	01	Djorgovski, S	M 11:00 - 11:55	273 CHL	
Ay 125	3-0-6	High-Energy Astrophysics	01	Kasliwal, M	WF 10:30 - 11:55	219 CHL	
Ay 126	3-0-6	Interstellar and Intergalactic Medium	01	Hillenbrand, L	TR 10:00 - 10:55	219 CHL	
					F 14:00 - 14:55	219 CHL	
Ge/Ay 133	3-0-6	The Formation and Evolution of Planetary Systems	01	Batygin, K	MWF 13:00 - 13:55	162 SMD	

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<b>ASTROPHYSICS</b>							
Ay 141C	1-0-2	Research Conference in Astronomy	01	Kasliwal, M / Kirby, E	F 16:00 - 16:55	370 CHL	P
Ay 142	+	Research in Astronomy and Astrophysics	02	Blake, G	A	A	P
			03	Stevenson, D	A	A	P
			04	Brown, M	A	A	P
			05	Harrison, F	A	A	P
			06	Djorgovski, S	A	A	P
			09	Hillenbrand, L	A	A	P
			11	Kulkarni, S	A	A	P
			12	Martin, C	A	A	P
			13	Zmuidzinas, J	A	A	P
			14	Hallinan, G	A	A	P
			15	Prince, T	A	A	P
			16	Mawet, D	A	A	P
			19	Sargent, A	A	A	P
			20	Hopkins, P	A	A	P
			21	Dore, O	A	A	P
			22	Scoville, N	A	A	P
			23	Steidel, C	A	A	P
			24	Phinney, E	A	A	P
			25	Rogers, L	A	A	P
			26	Soifer, B	A	A	P
			27	Knutson, H	A	A	P
			28	Kasliwal, M	A	A	P
			29	Kirby, E	A	A	P
			30	Batygin, K	A	A	P
			31	Batygin, K	A	A	P
			32	Bock, J	A	A	P
			33	Fuller, J	A	A	P
			34	Howard, A	A	A	P
Ay 143	+	Reading and Independent Study	01	Steidel, C	A	A	P
			03	Kulkarni, S	A	A	P

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<b>ASTROPHYSICS</b>							
Ay 143	+	Reading and Independent Study	04	Hopkins, P	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
Ay/Ge 198	2-0-4	Special Topics in the Planetary Sciences	01	Howard, A / Mawet, D	R 14:30 - 16:25	219 CHL	
<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
BMB/Bi/Ch 174	3-0-6	Molecular Machines in the Cell	01	Shan, S / Clemons, W	TR 10:30 - 11:55	115 BCK	G
BMB/Ch 202C	1-0-0	Biochemistry Seminar Course <i>Students will meet with the BMB seminar speaker in a discussion section for an hour and then attend the seminar at 4pm. BMB seminars are offered 1-2 times a month on any given Thursday.</i>	01	Clemons, W	R 12:00 - 12:55	320 BRN	P
BMB/Ch 230	2-4-6	Macromolecular Structure Determination with Modern X-ray Crystallography Methods	01	Hoelz, A	W 14:00 - 15:55	101 SCH	
Bi/BMB 251C	1-0-0	Current Research in Cellular and Molecular Biology	01	Sternberg, P / Hay, B	W 12:00 - 13:25	B180 BBB	P
BMB299	+	Graduate Research	01	Mayo, S	A	A	P
			02	Deshaies, R	A	A	P
			03	Fraser, S	A	A	P
			04	Bjorkman, P	A	A	P
			05	Arnold, F	A	A	P
			06	Rees, D	A	A	P
			07	Baltimore, D	A	A	P
			08	Campbell, J	A	A	P
			09	Goddard, W	A	A	P
			10	Kennedy, M	A	A	P
			11	Hsieh-Wilson, L	A	A	P

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<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
BMB299	+	Graduate Research	12	Tirrell, D	A	A	P
			13	Parker, C	A	A	P
			14	Greer, J	A	A	P
			15	Dervan, P	A	A	P
			16	Chan, D	A	A	P
			17	Anderson, D	A	A	P
			18	Dougherty, D	A	A	P
			19	Shan, S	A	A	P
			20	Jensen, G	A	A	P
			21	Elowitz, M	A	A	P
			22	Patterson, P	A	A	P
			23	Heath, J	A	A	P
			24	Meyerowitz, E	A	A	P
			25	Hay, B	A	A	P
			26	Wold, B	A	A	P
			27	Davis, M	A	A	P
			28	Phillips, R	A	A	P
			29	Barton, J	A	A	P
			30	Clemons, W	A	A	P
			31	Leadbetter, J	A	A	P
			32	Murray, R	A	A	P
			33	Mazmanian, S	A	A	P
			34	Baltimore, D	A	A	P
			35	Wang, Z	A	A	P
			36	Gharib, M	A	A	P
			37	Rothenberg, E	A	A	P
			38	Lester, H	A	A	P
			39	Pierce, N	A	A	P
			40	Sternberg, P	A	A	P
			41	Roukes, M	A	A	P
			42	Gray, H	A	A	P
			43	Shapiro, M	A	A	P
			44	Newman, D	A	A	P

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<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
BMB299	+	Graduate Research	45	Cai, L	A	A	P
			46	Varshavsky, A	A	A	P
			47	Hoelz, A	A	A	P
			48	Goentoro, L	A	A	P
			49	Guttman, M	A	A	P
			50	Meister, M	A	A	P
			51	Zinn, K	A	A	P
			52	Miller, T	A	A	P
			53	Dunphy, W	A	A	P
			54	Wagenaar, D	A	A	P
			55	Voorhees, R	A	A	P
			56	Pachter, L	A	A	P
			<b>BIOENGINEERING</b>				
Bi/BE 024	3-0-3	Scientific Communication for Biological Scientists and Engineers <i>maximum enrollment: 20 students</i>	01	MacLean, S	TR 10:30 - 11:55	B101 BBB	G
BE 098	+	Undergraduate Research in Bioengineering <i>If your research adviser does not appear below, please contact the Office of the Registrar.</i>	01	Arnold, F	A	A	P
			02	Mazmanian, S	A	A	P
			03	Burdick, J	A	A	P
			04	Sternberg, P	A	A	P
			05	Kennedy, M	A	A	P
			06	Gradinaru, V	A	A	P
			07	Gharib, M	A	A	P
			08	Hajimiri, S	A	A	P
			10	Lester, H	A	A	P
			11	Shimojo, S	A	A	P
			12	Pierce, N	A	A	P
			13	Shapiro, M	A	A	P
			14	Shan, S	A	A	P
			15	Qian, L	A	A	P
			16	Roukes, M	A	A	P
			17	Scherer, A	A	A	P

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<b>BIOENGINEERING</b>							
BE 098	+	Undergraduate Research in Bioengineering <i>If your research adviser does not appear below, please contact the Office of the Registrar.</i>	18	Tai, Y	A	A	P
			19	Tirrell, D	A	A	P
			20	Yang, C	A	A	P
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			26	Leadbetter, J	A	A	P
			27	Winfrey, E	A	A	P
			28	Guttman, M	A	A	P
			29	Oka, Y	A	A	P
			30	Kornfield, J	A	A	P
			31	Baltimore, D	A	A	P
			33	Hay, B	A	A	P
			34	Beauchamp, J	A	A	P
			35	Bjorkman, P	A	A	P
			36	Adolphs, R	A	A	P
			37	Ismagilov, R	A	A	P
38	Dickinson, M	A	A	P			
BE 107	3-5-1	Exploring Biological Principles through Bio-Inspired Design	01	Dickinson, M / Murray, R	MW 11:00 - 11:55 T 13:00 - 15:55	308 KCK 308 KCK	
Ph/APh/EE/BE 118B	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	B157 BRG	
BE 150	3-0-6	Design Principles of Genetic Circuits <i>taught concurrently with Bi 250b</i>	01	Bois, J / Elowitz, M	MWF 11:00 - 11:55	100 - Rock Auditorium BRD	
BE 153	3-0-6	Case Studies in Systems Physiology	01	Petrasek, D	TR 14:30 - 15:55	200 BRD	
MedE/EE/BE 168B	4-0-5	Biomedical Optics: Principles and Imaging	01	Wang, L	WF 10:30 - 12:25	142 KCK	G
BE/EE/MedE 189A	3-6-3	Design and Construction of Biodevices	01	Yang, C	TR 14:30 - 15:55	108 KCK	
BE/EE/MedE 189B	0-9-0	Design and Construction of Biodevices	01	Yang, C	TR 14:30 - 15:55	108 KCK	



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<b>BIOENGINEERING</b>							
BE/CS/CNS/Bi 191B	2-4-3	Biomolecular Computation <i>class cancelled</i>	01	Staff	A	A	G
BE 200	+	Research in Bioengineering	01	Arnold, F	A	A	P
			02	Phillips, R	A	A	P
			03	Burdick, J	A	A	P
			04	Gradinaru, V	A	A	P
			05	Dervan, P	A	A	P
			06	Goentoro, L	A	A	P
			07	Gharib, M	A	A	P
			08	Hajimiri, S	A	A	P
			09	Heath, J	A	A	P
			10	Lester, H	A	A	P
			11	Ismagilov, R	A	A	P
			12	Pierce, N	A	A	P
			13	Meister, M	A	A	P
			14	Guttman, M	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	Rothmund, P	A	A	P
			22	Greer, J	A	A	P
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			25	Goddard, W	A	A	P
			26	Leadbetter, J	A	A	P
			27	Winfrey, E	A	A	P
			28	Shapiro, M	A	A	P
			29	Cai, L	A	A	P
			30	Sternberg, P	A	A	P
			31	Kornfield, J	A	A	P

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<b>BIOENGINEERING</b>							
BE 200	+	Research in Bioengineering	32	Andersen, R	A	A	P
			33	Qian, L	A	A	P
			34	Hong, E	A	A	P
			35	Mayo, S	A	A	P
			36	Dickinson, M	A	A	P
			37	Pachter, L	A	A	P
			38	Mazmanian, S	A	A	P
			39	Bjorkman, P	A	A	P
			40	Parker, J	A	A	P
			41	Greer, J	A	A	P
			42	Wang, K	A	A	P
			43	Thomson, M	A	A	P
			Bi/BE 222	2-0-4	The Structure of the Cytosol	01	Kennedy, M
<b>BIOLOGY</b>							
Bi 001	4-0-5	Principles of Biology - The great theories of biology and their influence in the modern world <i>Maximum enrollment: 20 students per section // Sections 1 and 2 are reserved for students with no biology background // class meets in 119 KRK on 4/25/19 only</i>	01	Meyerowitz, E / Zinn, K	TR 13:00 - 14:25 M 17:00 - 17:55	Lecture Hall BAX 200 BRD	G
			02	Meyerowitz, E / Zinn, K	TR 13:00 - 14:25 M 19:00 - 19:55	Lecture Hall BAX 200 BRD	G
			03	Meyerowitz, E / Zinn, K	TR 13:00 - 14:25 M 20:00 - 20:55	Lecture Hall BAX 200 BRD	G
			04	Meyerowitz, E / Zinn, K	TR 13:00 - 14:25 T 20:00 - 20:55	Lecture Hall BAX 200 BRD	G
			05	Meyerowitz, E / Zinn, K	TR 13:00 - 14:25 W 17:00 - 17:55	Lecture Hall BAX 200 BRD	G
			06	Meyerowitz, E / Zinn, K	TR 13:00 - 14:25 W 19:00 - 19:55	Lecture Hall BAX 200 BRD	G
			07	Meyerowitz, E / Zinn, K	TR 13:00 - 14:25 W 20:00 - 20:55	Lecture Hall BAX 200 BRD	G
			08	Meyerowitz, E / Zinn, K	TR 13:00 - 14:25 R 19:00 - 19:55	Lecture Hall BAX 200 BRD	G
			09	Meyerowitz, E / Zinn, K	TR 13:00 - 14:25	Lecture Hall BAX	G

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<b>BIOLOGY</b>							
Bi 001	4-0-5	Principles of Biology - The great theories of biology and their influence in the modern world <i>Maximum enrollment: 20 students per section // Sections 1 and 2 are reserved for students with no biology background // class meets in 119 KRK on 4/25/19 only</i>	09	Meyerowitz, E / Zinn, K	R 20:00 - 20:55	200 BRD	G
Bi 001X	0-6-3	The Great Ideas of Biology: Exploration through Experimentation <i>open by lottery only, see REGIS home page to enter before 8am February 27th // maximum enrollment: 24 students // Make-up classes will be on Thursdays from 7-10pm</i>	01	Bois, J	T 19:00 - 21:55 W 13:00 - 15:55	B115 BRN B115 BRN	G
Bi 009	3-0-6	Cell Biology	01	Chan, D / Prober, D	TR 09:00 - 10:25 F 09:00 - 09:55	100 - Rock Auditorium BRD 100 - Rock Auditorium BRD	
Bi 010	1-3-2	Introductory Biology Laboratory <i>Maximum enrollment: 16 students per section // section 3 cancelled</i>	01	Hoopfer, E / Khorosheva, E / Eversole-Cire, P	M 15:00 - 15:55 T 14:00 - 16:55	101 KRK 347 KRK	
			02	Hoopfer, E / Khorosheva, E / Eversole-Cire, P	M 15:00 - 15:55 W 14:00 - 16:55	101 KRK 347 KRK	
			03	Staff	A	A	
Bi 022	+	Undergraduate Research	01	Shan, S	A	A	P
			02	Bronner Hansen, M	A	A	P
			03	Davidson, E	A	A	P
			04	Varshavsky, A	A	A	P
			05	Arnold, F	A	A	P
			06	Stathopoulos, A	A	A	P
			07	Zinn, K	A	A	P
			08	Bronner Hansen, M	A	A	P
			09	Mazmanian, S	A	A	P
			10	Strauss, J	A	A	P
			11	Newman, D	A	A	P
			12	Chan, D	A	A	P

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<b>BIOLOGY</b>							
Bi 022	+	Undergraduate Research	13	Leadbetter, J	A	A	P
			14	Tirrell, D	A	A	P
			15	Patterson, P	A	A	P
			16	Orphan, V	A	A	P
			17	Fraser, S	A	A	P
			18	Deshaies, R	A	A	P
			19	Kennedy, M	A	A	P
			20	Shimojo, S	A	A	P
			21	Adolphs, R	A	A	P
			22	Lester, H	A	A	P
			23	Prober, D	A	A	P
			24	Gradinaru, V	A	A	P
			25	Allman, J	A	A	P
			26	Wold, B	A	A	P
			27	Peter Lashgari Faghani, I	A	A	P
			28	Meyerowitz, E	A	A	P
			29	Shapiro, M	A	A	P
			30	Hong, E	A	A	P
			31	Rees, D	A	A	P
			32	Aravin, A	A	A	P
			33	Bjorkman, P	A	A	P
			34	Ondrus, A	A	A	P
			35	Meister, M	A	A	P
			36	Baltimore, D	A	A	P
			39	Parker, C	A	A	P
			40	Winfree, E	A	A	P
			41	Hsiao, E	A	A	P
			43	Hay, B	A	A	P
			44	Jensen, G	A	A	P
			45	Goddard, W	A	A	P
			46	Elowitz, M	A	A	P
			47	Anderson, D	A	A	P
			48	Stathopoulos, A	A	A	P

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<b>BIOLOGY</b>							
Bi 022	+	Undergraduate Research	49	Rothenberg, E	A	A	P
			50	Sternberg, P	A	A	P
			51	Cai, L	A	A	P
			55	Sternberg, P	A	A	P
			56	Phillips, R	A	A	P
			57	Clemons, W	A	A	P
			58	Oka, Y	A	A	P
			59	Dickinson, M	A	A	P
			60	Lois, C	A	A	P
			61	Ondrus, A	A	A	P
			62	Pachter, L	A	A	P
Bi/BE 024	3-0-3	Scientific Communication for Biological Scientists and Engineers <i>maximum enrollment: 20 students</i>	01	MacLean, S	TR 10:30 - 11:55	B101 BBB	G
Bi 090C	+	Undergraduate Thesis	01	Bjorkman, P / Patterson, P	A	A	P
			03	Bjorkman, P / Sternberg, P	A	A	P
			04	Bjorkman, P / Davidson, E	A	A	P
			05	Bjorkman, P / Davis, M	A	A	P
			06	Bjorkman, P	A	A	P
			07	Bjorkman, P / Aravin, A	A	A	P
			08	Bjorkman, P / Doyle, J	A	A	P
			09	Bjorkman, P / Newman, D	A	A	P
			10	Bjorkman, P / Baltimore, D	A	A	P
			11	Bjorkman, P / Rothenberg, E	A	A	P
			12	Wold, B / Bjorkman, P	A	A	P
			13	Bjorkman, P / Gradinaru, V	A	A	P
			CNS/SS/Psy/Bi 102B	3-0-6	Brains, Minds, and Society	01	Camerer, C

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<b>BIOLOGY</b>							
Bi/CNS/NB/Psy 150	4-0-6	Introduction to Neuroscience	01	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 14:00 - 14:55	100 - Rock Auditorium BRD 101 KRK	
			02	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 15:00 - 15:55	100 - Rock Auditorium BRD 101 KRK	
			03	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 16:00 - 16:55	100 - Rock Auditorium BRD 101 KRK	
			04	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 19:00 - 19:55	100 - Rock Auditorium BRD 101 KRK	
Bi/CNS/NB 152	2-0-4	Neural Circuits and Physiology of Appetite and Body Homeostasis	01	Oka, Y	TF 09:00 - 09:55	200 BRD	
Bi/CNS/NB 157	2-3-4	Comparative Nervous Systems	01	Allman, J	F 14:00 - 15:55	200 BRD	G
Bi 160	2-2-2	Molecular Basis of Animal Evolution <i>maximum enrollment: 12 students</i>	01	Parker, J	M 10:00 - 11:55	B101 BBB	G
					M 14:00 - 15:55	111 KRK	
BMB/Bi/Ch 174	3-0-6	Molecular Machines in the Cell	01	Shan, S / Clemons, W	TR 10:30 - 11:55	115 BCK	G
CNS/Bi/SS/Psy 176	4-0-5	Cognition	01	Shimojo, S	MW 14:00 - 15:55	B180 BBB	
Bi 189	2-0-4	The Cell Cycle	01	Dunphy, W	R 14:30 - 16:25	203 BRN	
BE/CS/CNS/Bi 191B	2-4-3	Biomolecular Computation <i>class cancelled</i>	01	Staff	A	A	G
Bi 214	3-0-6	Stem Cells and Hematopoiesis	01	Rothenberg, E	T 19:00 - 20:55	152 BRN	
					F 13:00 - 14:55	152 BRN	
Bi/BE 222	2-0-4	The Structure of the Cytosol	01	Kennedy, M	R 19:00 - 20:55	B101 BBB	
Ge/Bi 244	3-0-3	Paleobiology Seminar	01	Kirschvink, J	OM,M 14:00 - 14:55	151 ARM	

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<b>BIOLOGY</b>							
Bi 250B	3-0-6	Topics in Systems Biology <i>taught concurrently with BE 150</i>	01	Elowitz, M / Bois, J	MWF 11:00 - 11:55	100 - Rock Auditorium BRD	
Bi/CNS/NB 250C	3-0-6	Topics in Systems Neuroscience	01	Siapas, A	W 14:00 - 16:55	101 KRK	
Bi/BMB 251C	1-0-0	Current Research in Cellular and Molecular Biology	01	Sternberg, P / Hay, B	W 12:00 - 13:25	B180 BBB	P
Bi 252	2-0-2	Responsible Conduct of Research	01	Sternberg, P / Meyerowitz, E	M 14:00 - 15:55	119 KRK	P
SS/Psy/Bi/CNS 255	3-0-6	Topics in Emotion and Social Cognition	10	Mobbs, D	W 10:00 - 12:55	125 BAX	G
Bi 299	+	Graduate Research	01	Stathopoulos, A	A	A	P
			02	Baltimore, D	A	A	P
			03	Allman, J	A	A	P
			04	Andersen, R	A	A	P
			05	Anderson, D	A	A	P
			06	Mazmanian, S	A	A	P
			07	Clemons, W	A	A	P
			08	Elowitz, M	A	A	P
			09	Thomson, M	A	A	P
			10	Bjorkman, P	A	A	P
			11	Bronner Hansen, M	A	A	P
			12	Campbell, J	A	A	P
			13	Chan, D	A	A	P
			14	Davidson, E	A	A	P
			15	Deshaies, R	A	A	P
			16	Dickinson, M	A	A	P
			17	O'Doherty, J	A	A	P
			18	Dunphy, W	A	A	P
			19	Fraser, S	A	A	P
			20	Goddard, W	A	A	P
			21	Hay, B	A	A	P

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Bi 299	+	Graduate Research	22	Kennedy, M	A	A	P
			23	Qian, L	A	A	P
			24	Pierce, N	A	A	P
			25	Burdick, J	A	A	P
			26	Tsao, D	A	A	P
			27	Orphan, V	A	A	P
			28	Mayo, S	A	A	P
			29	Meyerowitz, E	A	A	P
			30	Newman, D	A	A	P
			31	Guo, C	A	A	P
			32	Lois, C	A	A	P
			33	Heath, J	A	A	P
			34	Prober, D	A	A	P
			35	Varshavsky, A	A	A	P
			36	Kirschvink, J	A	A	P
			37	Rothenberg, E	A	A	P
			38	Shapiro, M	A	A	P
			39	Shimojo, S	A	A	P
			40	Lester, H	A	A	P
			41	Sternberg, P	A	A	P
			42	Dougherty, D	A	A	P
			43	Shan, S	A	A	P
			44	Winfree, E	A	A	P
			45	Wold, B	A	A	P
			46	Zinn, K	A	A	P
			47	Burdick, J	A	A	P
			48	Jensen, G	A	A	P
			49	Leadbetter, J	A	A	P
			50	Elowitz, M	A	A	P
			51	Adolphs, R	A	A	P
			52	Cai, L	A	A	P
			53	Siapas, A	A	A	P
			54	Gharib, M	A	A	P



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<b>BIOLOGY</b>							
Bi 299	+	Graduate Research	55	Hsieh-Wilson, L	A	A	P
			56	Aravin, A	A	A	P
			57	Fejes Toth, K	A	A	P
			58	Tai, Y	A	A	P
			59	Murray, R	A	A	P
			60	Meister, M	A	A	P
			61	Arnold, F	A	A	P
			62	Gradinaru, V	A	A	P
			63	Scherer, A	A	A	P
			64	Guttman, M	A	A	P
			65	Goentoro, L	A	A	P
			66	Guttman, M	A	A	P
			67	Oka, Y	A	A	P
			68	Hsiao, E	A	A	P
			69	Ismagilov, R	A	A	P
			70	Hong, E	A	A	P
			71	Phillips, R	A	A	P
			72	Roukes, M	A	A	P
			73	Doyle, J	A	A	P
			74	Pachter, L	A	A	P
75	Parker, J	A	A	P			
76	Voorhees, R	A	A	P			
77	Van Valen, D	A	A	P			
78	Wang, K	A	A	P			
<b>BUSINESS, ECONOMICS, AND MANAGEMENT</b>							
BEM097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Cvitanic, J	A	A	P
BEM102	3-0-6	Introduction to Accounting <i>BEM102 does not count toward the 108 unit HSS requirement</i>	01	Ewens, M	R 19:00 - 19:55 MW 10:00 - 10:55	B125 BAX B125 BAX	G



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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>CHEMICAL ENGINEERING</b>							
ChE080	+	Undergraduate Research	34	Seinfeld, J	A	A	P
			36	Tirrell, D	A	A	P
			37	Ismagilov, R	A	A	P
			38	Daraio, C	A	A	P
ChE090B	0-4-5	Senior Thesis	01	Dickinson, M	A	A	G
			02	Giapis, K	A	A	G
			03	Seinfeld, J	A	A	G
			04	Tirrell, D	A	A	G
			05	Ravi, V	A	A	G
			06	Flagan, R	A	A	G
			07	Gavalas, G	A	A	G
			08	Davis, M	A	A	G
			09	Haile, S	A	A	G
			10	Arnold, F	A	A	G
			11	Brady, J	A	A	G
			12	Kornfield, J	A	A	G
			13	Greer, J	A	A	G
			14	Lewis, N	A	A	G
			15	Grubbs, R	A	A	G
			16	Mayo, S	A	A	G
			17	Fu, G	A	A	G
			18	Wang, Z	A	A	G
			19	Cai, L	A	A	G
			20	Atwater, H	A	A	G
			21	Ismagilov, R	A	A	G
Ch/ChE 091	2-0-1	Scientific Writing	01	Weitekamp, D	M 14:00 - 15:55	106 SPL	G
ChE103C	3-0-6	Transport Phenomena	01	Flagan, R	MWF 10:00 - 10:55	106 SPL	
ChE105	3-0-6	Dynamics and Control of Chemical Systems	01	Seinfeld, J	MWF 14:00 - 14:55	147 NYS	G

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<b>CHEMICAL ENGINEERING</b>							
ChE120	1-6-2	Optimal Design of Chemical Systems <i>If unable to register, please contact instructor.</i>	01	Vicic, M	OM,M 15:00 - 15:55	122 SPL	
ChE130	1-5-3	Biomolecular Engineering Laboratory <i>Maximum enrollment: 14 students per section // Section 2 cancelled // If unable to register, please contact instructor.</i>	01	Davis, M / Vicic, M	W 15:00 - 15:55	113 SPL	
			02	Staff	MF 13:00 - 15:55 A	B115 BRN A	
ChE/Ch 148	3-0-6	Polymer Physics	01	Wang, Z	TR 10:30 - 11:55	106 SPL	
ChE151B	3-0-9	Physical and Chemical Rate Processes	01	Brady, J	MWF 09:00 - 09:55	102 SPL	G
ChE280	+	Chemical Engineering Research	01	Arnold, F	A	A	P
			02	Murray, R	A	A	P
			03	Atwater, H	A	A	P
			04	Haile, S	A	A	P
			05	Pierce, N	A	A	P
			06	Troian, S	A	A	P
			07	Brady, J	A	A	P
			08	Stoltz, B	A	A	P
			09	Ismagilov, R	A	A	P
			10	Davis, M	A	A	P
			11	Greer, J	A	A	P
			12	Dougherty, D	A	A	P
			13	Flagan, R	A	A	P
			14	Fraser, S	A	A	P
			15	Fultz, B	A	A	P
			16	Giapis, K	A	A	P
			17	Goddard, W	A	A	P
			18	Fultz, B	A	A	P
			19	Snyder, G	A	A	P
			20	Guttman, M	A	A	P
			21	Kornfield, J	A	A	P
			22	Miller, T	A	A	P

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<b>CHEMICAL ENGINEERING</b>										
ChE280	+	Chemical Engineering Research	23	Lewis, N	A	A	P			
			24	Shapiro, M	A	A	P			
			25	Elowitz, M	A	A	P			
			26	Hoffmann, M	A	A	P			
			27	See, K	A	A	P			
			28	Robb, M	A	A	P			
			29	Parker, C	A	A	P			
			30	Wei, L	A	A	P			
			31	Chan, G	A	A	P			
			36	Tirrell, D	A	A	P			
			37	Wang, Z	A	A	P			
			40	Seinfeld, J	A	A	P			
			41	Yung, Y	A	A	P			
			42	Heath, J	A	A	P			
<b>CHEMISTRY</b>										
Ch 003A	1-3-2	Fundamental Techniques of Experimental Chemistry <i>Maximum enrollment: 20 students per section // section 3 reserved for freshmen</i>	01	Mendez, J	F 13:00 - 13:55 T 08:00 - 10:55 OM,M 13:00 - 13:55	153 NYS 107 MEAD 153 NYS	P			
			02	Mendez, J	F 13:00 - 13:55 T 13:00 - 15:55 OM,M 13:00 - 13:55	153 NYS 107 MEAD 153 NYS		P		
			03	Mendez, J	F 13:00 - 13:55 T 19:00 - 21:55 OM,M 13:00 - 13:55	153 NYS 107 MEAD 153 NYS				
			Ch 003X	1-3-2	Experimental Methods in Solar Energy Conversion <i>Limit 20 students per section</i>	01	Mendez, J		F 09:00 - 09:55 W 13:00 - 15:55 OM,M 09:00 - 09:55	147 NYS 107 MEAD 147 NYS
						02	Mendez, J	F 09:00 - 09:55 R 08:00 - 10:55 OM,M 09:00 - 09:55	147 NYS 107 MEAD 147 NYS	

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<b>CHEMISTRY</b>							
Ch 004B	1-6-2	Synthesis and Analysis of Organic and Inorganic Compounds	01	Mendez, J	F 11:00 - 11:55 TR 08:00 - 10:55	147 NYS 105 MEAD	
Ch 006A	1-6-3	Physical and Biophysical Chemistry Laboratory <i>Students are expected to attend one lab a week, either Tuesdays from 1-5pm or Wednesdays from 1-5pm</i>	01	Okumura, M	OM,W 15:00 - 15:55	151 CRL	
Ch 007	1-6-2	Advanced Experimental Methods in Bioorganic Chemistry	01	Hsieh-Wilson, L	M 15:00 - 15:55	356 CRL	
Ch/ChE 009	1-6-2	Chemical Synthesis and Characterization for Chemical Engineering <i>Open to ChE students only during online registration. // Each student must select 2 section times- Sec 1: T 8-11am / Sec 2: T 1-4pm / Sec 3: R 8-11am/ Sec 4: R 1-4pm / additional sections may be available upon sufficient demand // Instructor will contact students via email to select 2 sections.</i>	01	Mendez, J	A M 10:00 - 10:55	105 MEAD 147 NYS	
Ch 010C	1-4-1	Frontiers in Chemistry <i>Must have instructor's permission prior to registering for course.</i>	01	Dervan, P / Hoelz, A	R 12:00 - 12:55	115 BCK	P
Ch 021C	3-0-6	Physical Chemistry	01	Beauchamp, J	MWF 13:00 - 13:55	147 NYS	G
Ch 025	3-0-6	Introduction to Biophysical Chemistry: Thermodynamics	01	Rees, D	TR 13:00 - 14:25	147 NYS	G
Ch 041C	4-0-5	Organic Chemistry <i>sec 2 recitations will be moved to 147 NYS on May 2, May 30 and June 6</i>	01	Reisman, S	MWF 09:00 - 09:55 W 20:00 - 20:55	153 NYS 151 CRL	
			02	Reisman, S	MWF 09:00 - 09:55 R 15:00 - 15:55	153 NYS 151 CRL	
			03	Reisman, S	MWF 09:00 - 09:55 R 20:00 - 20:55	153 NYS 151 CRL	

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<b>CHEMISTRY</b>							
Ch 080	+	Chemical Research	01	Arnold, F	A	A	P
			02	Dervan, P	A	A	P
			03	Hsieh-Wilson, L	A	A	P
			04	Beauchamp, J	A	A	P
			05	Marcus, R	A	A	P
			06	Clemons, W	A	A	P
			07	Reisman, S	A	A	P
			08	Campbell, J	A	A	P
			09	Shan, S	A	A	P
			10	Rees, D	A	A	P
			11	Heath, J	A	A	P
			12	Agapie, T	A	A	P
			13	Davis, M	A	A	P
			14	Asimow, P	A	A	P
			15	Dougherty, D	A	A	P
			16	Goddard, W	A	A	P
			17	Gray, H	A	A	P
			18	Shapiro, M	A	A	P
			19	Shapiro, M	A	A	P
			20	Kornfield, J	A	A	P
			21	Yue, Y	A	A	P
			22	Fu, G	A	A	P
			23	Rossmann, G	A	A	P
			24	Katz, N	A	A	P
			25	Virgil, S	A	A	P
			26	Gao, W	A	A	P
			27	Okumura, M	A	A	P
			28	See, K	A	A	P
			29	Peters, J	A	A	P
			30	Blake, G	A	A	P
			31	Ondrus, A	A	A	P
			35	Stoltz, B	A	A	P
			36	Tirrell, D	A	A	P

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<b>CHEMISTRY</b>							
Ch 080	+	Chemical Research	37	Grubbs, R	A	A	P
			38	Lewis, N	A	A	P
			39	Barton, J	A	A	P
			40	Hoelz, A	A	A	P
			41	Eiler, J	A	A	P
			42	Rossman, G	A	A	P
			43	Blake, G	A	A	P
Ch 081	+	Independent Reading in Chemistry	01	Stoltz, B	A	A	P
			02	Lewis, N	A	A	P
			03	Chandy, K	A	A	P
			04	Peters, J	A	A	P
			05	Adolphs, R	A	A	P
			06	Agapie, T	A	A	P
			17	Gray, H	A	A	P
Ch 082	+	Senior Thesis Research <i>9 units per term</i>	01	Rees, D / Okumura, M	A	A	P
			02	Hoelz, A / Okumura, M	A	A	P
			03	Grubbs, R / Okumura, M	A	A	P
			04	Gray, H / Okumura, M	A	A	P
			05	Agapie, T / Okumura, M	A	A	P
			06	Peters, J / Okumura, M	A	A	P
			07	Stoltz, B / Okumura, M	A	A	P
			08	Tirrell, D / Okumura, M	A	A	P
			09	Okumura, M / Asimow, P	A	A	P
			10	Okumura, M / Reisman, S	A	A	P
			11	Rossman, G / Okumura, M	A	A	P
			12	Dougherty, D / Okumura, M	A	A	P
			13	Goddard, W / Okumura, M	A	A	P
Ch/ChE 091	2-0-1	Scientific Writing	01	Weitekamp, D	M 14:00 - 15:55	106 SPL	G



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<b>CHEMISTRY</b>							
Ch 101	1-0-2	Chemistry Tutorials <i>Open to undergrads only during online reg (max 15 students per sec) who may enroll in ONE section. If space is available after reg concludes, then all can add multiple secs as space permits with an Add Card. See the Ch 101 website for topics and syllabi (<a href="http://chemweb.caltech.edu/ch101/">http://chemweb.caltech.edu/ch101/</a>).</i>	01	See, K	A	A	G
			02	Stoltz, B / Ladd, C	M 09:00 - 09:55	101 SCH	G
			03	Wang, Z	A	A	G
Ch 102	3-0-6	Introduction to Inorganic Chemistry	01	Hadt, R / See, K	TR 13:00 - 14:25	151 CRL	
Ch 120A	3-0-6	Nature of the Chemical Bond	01	Goddard, W	MWF 14:00 - 14:55	115 BCK	
Ch 121B	1-1-7	Atomic-Level Simulations of Materials and Molecules	01	Goddard, W	W 15:00 - 15:55	115 BCK	
Ch 125C	3-0-6	The Elements of Quantum Chemistry	01	Weitekamp, D	MWF 13:00 - 13:55	151 CRL	
Ch 126	3-0-6	Molecular Spectra and Molecular Structure <i>class will meet in L+R 135 on April 30th</i>	01	Blake, G	OM,M 14:30 - 15:55	136 L+R	
					TR 09:00 - 10:25	136 L+R	
Ch 135	3-0-6	Chemical Dynamics	01	Okumura, M	TR 10:30 - 11:55	151 CRL	
Ch 143	3-0-6	NMR Spectroscopy for Structural Identification	01	Virgil, S	MWF 11:00 - 11:55	151 CRL	
ChE/Ch 148	3-0-6	Polymer Physics	01	Wang, Z	TR 10:30 - 11:55	106 SPL	
Ch 153B	3-0-6	Advanced Inorganic Chemistry	01	Peters, J	F 10:00 - 11:55	101 SCH	
ESE/Ge/Ch 171	3-0-6	Atmospheric Chemistry I	01	Seinfeld, J / Wennberg, P	TR 13:00 - 14:25	102 SPL	
BMB/Bi/Ch 174	3-0-6	Molecular Machines in the Cell	01	Shan, S / Clemons, W	TR 10:30 - 11:55	115 BCK	G

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<b>CHEMISTRY</b>							
ESE/Ch 176	3-0-6	Physical Organic Chemistry of Natural Waters	01	Hoffmann, M	F 14:00 - 15:25	135 L+R	
Ch 180	+	Chemical Research	01	Staff	A	A	P
Ch 182	+	Senior Thesis Research <i>9 units per term</i>	01	Staff	A	A	P
BMB/Ch 202C	1-0-0	Biochemistry Seminar Course <i>Students will meet with the BMB seminar speaker in a discussion section for an hour and then attend the seminar at 4pm. BMB seminars are offered 1-2 times a month on any given Thursday.</i>	01	Clemons, W	R 12:00 - 12:55	320 BRN	P
Ch 213C	1-0-11	Advanced Ligand Field Theory	01	Gray, H	F 13:00 - 13:55	408 BCK	G
BMB/Ch 230	2-4-6	Macromolecular Structure Determination with Modern X-ray Crystallography Methods	01	Hoelz, A	W 14:00 - 15:55	101 SCH	
Ch 279	+	Rotations in Chemistry	01	Agapie, T	A	A	P
			02	Arnold, F	A	A	P
			03	Atwater, H	A	A	P
			04	Barton, J	A	A	P
			05	Beauchamp, J	A	A	P
			06	Bjorkman, P	A	A	P
			07	Blake, G	A	A	P
			08	Blanquart, G	A	A	P
			09	Campbell, J	A	A	P
			10	Chan, G	A	A	P
			11	Clemons, W	A	A	P
			12	Cushing, S	A	A	P
			13	Davis, M	A	A	P
			14	Dervan, P	A	A	P
			15	Dougherty, D	A	A	P

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<b>CHEMISTRY</b>							
Ch 279	+	Rotations in Chemistry	16	Elowitz, M	A	A	P
			17	Fu, G	A	A	P
			18	Goddard, W	A	A	P
			19	Gray, H	A	A	P
			20	Greer, J	A	A	P
			21	Grubbs, R	A	A	P
			22	Hadt, R	A	A	P
			23	Haile, S	A	A	P
			24	Hoelz, A	A	A	P
			25	Hoffmann, M	A	A	P
			26	Hsieh-Wilson, L	A	A	P
			27	Ismagilov, R	A	A	P
			28	Jensen, G	A	A	P
			29	Kornfield, J	A	A	P
			30	Lester, H	A	A	P
			31	Lewis, N	A	A	P
			32	Mayo, S	A	A	P
			33	Miller, T	A	A	P
			34	Newman, D	A	A	P
			35	Okumura, M	A	A	P
			36	Ondrus, A	A	A	P
			37	Peters, J	A	A	P
			38	Pierce, N	A	A	P
			39	Rees, D	A	A	P
			40	Reisman, S	A	A	P
			41	Robb, M	A	A	P
			42	Roberts, J	A	A	P
			43	See, K	A	A	P
			44	Seinfeld, J	A	A	P
			45	Shan, S	A	A	P
			46	Shapiro, M	A	A	P
			47	Sternberg, P	A	A	P
			48	Stoltz, B	A	A	P

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<b>CHEMISTRY</b>							
Ch 279	+	Rotations in Chemistry	49	Tirrell, D	A	A	P
			50	Wang, Z	A	A	P
			51	Wei, L	A	A	P
			52	Weitekamp, D	A	A	P
			53	Wennberg, P	A	A	P
Ch 280	+	Chemical Research	01	Arnold, F	A	A	P
			02	Agapie, T	A	A	P
			03	Barton, J	A	A	P
			04	Beauchamp, J	A	A	P
			05	Bercaw, J	A	A	P
			06	Blake, G	A	A	P
			07	Shan, S	A	A	P
			08	Bjorkman, P	A	A	P
			09	Cai, L	A	A	P
			10	Davis, M	A	A	P
			11	Dervan, P	A	A	P
			12	Dougherty, D	A	A	P
			13	Eiler, J	A	A	P
			14	Miller, T	A	A	P
			15	Giapis, K	A	A	P
			16	Goddard, W	A	A	P
			17	Gray, H	A	A	P
			18	Grubbs, R	A	A	P
			19	Hsieh-Wilson, L	A	A	P
			20	Kornfield, J	A	A	P
			21	Reisman, S	A	A	P
			22	Lewis, N	A	A	P
			23	Wang, Z	A	A	P
			24	Marcus, R	A	A	P
			25	Mayo, S	A	A	P
			26	Goentoro, L	A	A	P
			27	Okumura, M	A	A	P
			28	Clemons, W	A	A	P

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<b>CHEMISTRY</b>							
Ch 280	+	Chemical Research	29	Peters, J	A	A	P
			30	Rees, D	A	A	P
			31	Ismagilov, R	A	A	P
			32	Hoelz, A	A	A	P
			33	Haile, S	A	A	P
			34	Seinfeld, J	A	A	P
			35	Stoltz, B	A	A	P
			36	Tirrell, D	A	A	P
			37	Fu, G	A	A	P
			38	Weitekamp, D	A	A	P
			39	Chan, G	A	A	P
			40	Robb, M	A	A	P
			41	Atwater, H	A	A	P
			42	Pierce, N	A	A	P
			43	Hoffmann, M	A	A	P
			44	Heath, J	A	A	P
			45	Sternberg, P	A	A	P
			46	Adkins, J	A	A	P
			47	Lester, H	A	A	P
			48	Wennberg, P	A	A	P
			49	Campbell, J	A	A	P
			50	Hoffmann, M	A	A	P
			51	Wei, L	A	A	P
			52	Tirrell, D	A	A	P
			53	Deshaies, R	A	A	P
			54	Shapiro, M	A	A	P
			55	Jensen, G	A	A	P
			56	Newman, D	A	A	P
			57	Greer, J	A	A	P
			58	Blanquart, G	A	A	P
			59	Ondrus, A	A	A	P
			60	Yeh, N	A	A	P
			61	Asimow, P	A	A	P

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<b>CHEMISTRY</b>							
Ch 280	+	Chemical Research	62	Elowitz, M	A	A	P
			63	See, K	A	A	P
			64	Tai, Y	A	A	P
			65	Cushing, S	A	A	P
			66	Hadt, R	A	A	P
			67	Parker, J	A	A	P
			68	Voorhees, R	A	A	P
<b>CIVIL ENGINEERING</b>							
Ae/APh/CE/ME 101C	3-0-6	Fluid Mechanics	01	McKeon, B	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102C	3-0-6	Mechanics of Structures and Solids	01	Ravichandran, G	TR 09:00 - 10:25	135 GTL	G
AM/CE/ME 150C	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	135 GTL	P
ME/CE/Ge 174	3-0-6	Mechanics of Rocks	01	Lapusta, N	MWF 15:00 - 15:55	135 GTL	
CE 200	+	Advanced Work in Civil Engineering	01	Heaton, T	A	A	P
Ae/AM/CE/ME 214B	3-5-1	Computational Solid Mechanics	01	Stainier, L	MWF 09:00 - 09:55	384 FIR	
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>							
CNS/SS/Psy/Bi 102B	3-0-6	Brains, Minds, and Society	01	Camerer, C	MW 13:00 - 14:25	100 - Rock Auditorium BRD	

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<b>COMPUTATION &amp; NEURAL SYS</b>							
Psy/CNS 105A	1.5-0-3.5	Frontiers in Neuroeconomics	01	O'Doherty, J	M 14:30 - 15:55	B119 BAX	
Bi/CNS/NB/Psy 150	4-0-6	Introduction to Neuroscience	01	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 14:00 - 14:55	100 - Rock Auditorium BRD 101 KRK	
			02	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 15:00 - 15:55	100 - Rock Auditorium BRD 101 KRK	
			03	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 16:00 - 16:55	100 - Rock Auditorium BRD 101 KRK	
			04	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 19:00 - 19:55	100 - Rock Auditorium BRD 101 KRK	
Bi/CNS/NB 152	2-0-4	Neural Circuits and Physiology of Appetite and Body Homeostasis	01	Oka, Y	TF 09:00 - 09:55	200 BRD	
CS/CNS/EE 156B	3-0-6	Learning Systems	01	Abu-Mostafa, Y	TR 14:30 - 15:55	B280 MRE	
Bi/CNS/NB 157	2-3-4	Comparative Nervous Systems	01	Allman, J	F 14:00 - 15:55	200 BRD	G
CS/CNS/EE/IDS 159	3-0-6	Advanced Topics in Machine Learning	01	Yue, Y	TR 10:30 - 11:55	105 ANB	
CS/CNS 174	3-6-3	Computer Graphics Projects	01	Barr, A	MWF 13:00 - 13:55	107 ANB	
CNS/Bi/SS/Psy 176	4-0-5	Cognition	01	Shimojo, S	MW 14:00 - 15:55	B180 BBB	
CNS180	+	Research in Computation and Neural Systems	02	Anderson, D	A	A	P
			03	Pierce, N	A	A	P
			04	Andersen, R	A	A	P
			05	Burdick, J	A	A	P
			06	O'Doherty, J	A	A	P
			07	Tsao, D	A	A	P

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<b>COMPUTATION &amp; NEURAL SYS</b>										
CNS180	+	Research in Computation and Neural Systems	08	Lester, H	A	A	P			
			09	Dickinson, M	A	A	P			
			10	Elowitz, M	A	A	P			
			11	Rutishauser, U	A	A	P			
			12	Murray, R	A	A	P			
			13	Patterson, P	A	A	P			
			14	Quartz, S	A	A	P			
			15	Perona, P	A	A	P			
			16	Allman, J	A	A	P			
			17	Murray, R	A	A	P			
			18	Shimojo, S	A	A	P			
			19	Siapas, A	A	A	P			
			20	Shapiro, M	A	A	P			
			21	Winfrey, E	A	A	P			
			22	Wold, B	A	A	P			
			23	Kennedy, M	A	A	P			
			24	Adolphs, R	A	A	P			
			25	Camerer, C	A	A	P			
			26	Rangel, A	A	A	P			
			27	Thomson, M	A	A	P			
			28	Gradinaru, V	A	A	P			
			29	Prober, D	A	A	P			
			30	Yue, Y	A	A	P			
			31	Meister, M	A	A	P			
			32	Hong, E	A	A	P			
			BE/CS/CNS/Bi 191B	2-4-3	Biomolecular Computation <i>class cancelled</i>	01	Staff	A	A	G
			Bi/CNS/NB 250C	3-0-6	Topics in Systems Neuroscience	01	Siapas, A	W 14:00 - 16:55	101 KRK	
			SS/Psy/Bi/CNS 255	3-0-6	Topics in Emotion and Social Cognition	10	Mobbs, D	W 10:00 - 12:55	125 BAX	G



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<b>COMPUTATION &amp; NEURAL SYS</b>							
CNS280	+	Research in Computation and Neural Systems	01	Abu-Mostafa, Y	A	A	P
			02	Elowitz, M	A	A	P
			03	Burdick, J	A	A	P
			04	Andersen, R	A	A	P
			05	Bruck, J	A	A	P
			06	Hoffmann, M	A	A	P
			07	Tsao, D	A	A	P
			08	Murray, R	A	A	P
			09	Meister, M	A	A	P
			10	Konishi, M	A	A	P
			11	Camerer, C	A	A	P
			12	Perona, P	A	A	P
			13	Adolphs, R	A	A	P
			14	Scherer, A	A	A	P
			15	Shimojo, S	A	A	P
			16	Siapas, A	A	A	P
			17	Sternberg, P	A	A	P
			18	Wold, B	A	A	P
			19	Winfree, E	A	A	P
			20	Lester, H	A	A	P
			21	Dickinson, M	A	A	P
			22	Quartz, S	A	A	P
			23	O'Doherty, J	A	A	P
			24	Allman, J	A	A	P
			25	Oka, Y	A	A	P
			26	Rangel, A	A	A	P
			27	Gradinaru, V	A	A	P
<b>COMPUTER SCIENCE</b>							
CS 003	2-4-3	Introduction to Software Engineering <i>maximum enrollment: 25 students per section</i>	01	Blank, A	M 15:00 - 15:55	105 ANB	G
					W 12:00 - 12:55	104 ANB	
			02	Blank, A	M 15:00 - 15:55	105 ANB	G
					W 13:00 - 13:55	104 ANB	

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<b>COMPUTER SCIENCE</b>							
CS 003	2-4-3	Introduction to Software Engineering <i>maximum enrollment: 25 students per section</i>	03	Blank, A	M 15:00 - 15:55 W 14:00 - 14:55	105 ANB 104 ANB	G
Ma/CS 006C	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma 106c</i>	01	Kechris, A	TR 13:00 - 14:25	310 LINDE	
EE/CS 010B	2-3-1	Introduction to Digital Logic and Embedded Systems	01	George, G	MWF 15:00 - 15:55	B270 MRE	
CS 011	0-3-0	Computer Language Lab <i>CS 1 or instructor's permission is required. // Sec 2: C++ // Sec 3: Java // Sec 5: Advanced C++ // Sec 11: Special Topics // Sec 12: Projects</i>	02	Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			03	Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			05	Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			11	Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			12	Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
CS 024	3-3-3	Introduction to Computing Systems	01	Blank, A / Pinkston, D	MWF 11:00 - 11:55	105 ANB	
CS 038	3-0-6	Algorithms	01	Schulman, L	TR 13:00 - 14:25	105 ANB	
EE/CS 053	0-12-0	Microprocessor Project Laboratory	01	George, G	OM,W 16:30 - 17:25	B270 MRE	
CS/EE/ME 075C	+	Multidisciplinary Systems Engineering <i>6 units (2-3-1), 9 units (2-6-1), or 12 units (2-9-1)</i>	01	Burdick, J	OM,M 19:30 - 20:25	135 GTL	
CS 080C	+	Undergraduate Thesis	01	Schroeder, P	A	A	P
			02	Chandy, K	A	A	P
			03	Winfree, E	A	A	P
			04	Barr, A	A	A	P
			05	Katz, N	A	A	P
			06	Perona, P	A	A	P
			07	Yue, Y	A	A	P
			08	Bruck, J	A	A	P
			09	Desbrun, M	A	A	P
			10	Schulman, L	A	A	P
			11	Umans, C	A	A	P

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<b>COMPUTER SCIENCE</b>							
CS 080C	+	Undergraduate Thesis	14	Chung, S	A	A	P
CS 081C	+	Undergraduate Projects in Computer Science	01	Schulman, L	A	A	P
			02	Barr, A	A	A	P
			03	Chandy, K	A	A	P
			04	Desbrun, M	A	A	P
			05	Perona, P	A	A	P
			06	Low, S	A	A	P
			07	Vanier, M	A	A	P
			08	Murray, R	A	A	P
			09	Winfrey, E	A	A	P
			10	Wierman, A	A	A	P
			11	Umans, C	A	A	P
			12	Adolphs, R	A	A	P
			13	Pinkston, D	A	A	P
			14	Burdick, J	A	A	P
			15	Plott, C	A	A	P
			16	Mahabal, A	A	A	P
			17	Yue, Y	A	A	P
			18	George, G	A	A	P
			19	Abu-Mostafa, Y	A	A	P
			20	Schroeder, P	A	A	P
			21	Djorgovski, S	A	A	P
			22	Stalzer, M	A	A	P
			23	Vidick, T	A	A	P
			24	Hajimiri, S	A	A	P
			25	Ralph, C	A	A	P
			26	Rangel, A	A	A	P
			27	Alvarez, R	A	A	P
			28	Bunn, J	A	A	P
			29	Thomson, M	A	A	P
			30	Chung, S	A	A	P
			31	Lombeyda, S	A	A	P

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<b>COMPUTER SCIENCE</b>							
CS 081C	+	Undergraduate Projects in Computer Science	32	Blank, A	A	A	P
			33	Anandkumar, A	A	A	P
CS 090	+	Undergraduate Reading in Computer Science <i>Section 16: User Experience and Product Management, Tuesdays 5-6pm in ANB 208, max enrollment of 15 students // Section 17: Computer Science Education, Fridays noon to 3pm in ANB 208, max enrollment of 25 students</i>	01	Winfrey, E	A	A	P
			02	Barr, A	A	A	P
			03	Low, S	A	A	P
			04	Umans, C	A	A	P
			05	Bruck, J	A	A	P
			06	Pinkston, D	A	A	P
			07	Desbrun, M	A	A	P
			08	Arnold, F	A	A	P
			09	Schulman, L	A	A	P
			10	Perona, P	A	A	P
			11	Schroeder, P	A	A	P
			12	Wierman, A	A	A	P
			13	Yue, Y	A	A	P
			14	Abu-Mostafa, Y	A	A	P
			15	Vidick, T	A	A	P
			16	Ralph, C	A	A	P
			17	Ralph, C	A	A	P
			18	Ralph, C	A	A	P
CS 102C	+	Seminar in Computer Science	01	Staff	A	A	
CS 103C	+	Reading in Computer Science	01	Staff	A	A	P
Ma/CS 106C	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma/CS 006c</i>	01	Kechris, A	TR 13:00 - 14:25	310 LINDE	
HPS/PI/CS 110	3-0-6	Causation and Explanation <i>maximum enrollment: 15 students // class will meet in KRK B136 on 4/11/19</i>	01	Eberhardt, F	TR 10:30 - 11:55	TR DAB	G
CS 111	0-3-0	Graduate Programming Practicum <i>Sec 2: C++ // Sec 3: Java // Sec 5: Advanced C++</i>	02	Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
			03	Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P

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<b>COMPUTER SCIENCE</b>							
CS 111	0-3-0	Graduate Programming Practicum	05	Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
		<i>Sec 2: C++ // Sec 3: Java // Sec 5: Advanced C++</i>	11	Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
		<i>// Sec 11: Special Topics // Sec 12: Projects</i>	12	Pinkston, D	OM,M 21:00 - 21:55	105 ANB	P
CS 115	3-4-2	Functional Programming	01	Vanier, M	MWF 14:00 - 14:55	105 ANB	
Ma/CS 117C	3-0-6	Computability Theory	01	Panagiotopoulos, A	TR 13:00 - 14:25	255 LINDE	
EE/CS 119C	3-3-3	Advanced Digital Systems Design	01	George, G	M 13:00 - 13:55	B270 MRE	
CS 123	0-0-9	Projects in Database Systems	01	Pinkston, D	OM,M 13:00 - 13:55	105 ANB	
EE/CS/MedE 125	3-6-0	Digital Electronics and Design with FPGAs and VHDL	01	Pedroni, V	OM,T 16:00 - 16:55	B270 MRE	
CS 131	3-0-6	Programming Languages <i>maximum enrollment: 30 students // CS 4 (in OCaml) is a hard prerequisite (i.e. CS 4 starting in Winter 2016) // CS majors get top priority // see course syllabus link for additional information</i>	01	Vanier, M	MWF 15:00 - 15:55	213 ANB	
CS 138	3-0-6	Computer Algorithms	01	Schulman, L	TR 13:00 - 14:25	105 ANB	
CS/EE 145	0-0-9	Projects in Networking	01	Wierman, A	OM,T 14:30 - 15:25	213 ANB	
CS 151	3-0-9	Complexity Theory	01	Umans, C	TR 13:00 - 14:25	314 ANB	
CS/CNS/EE 156B	3-0-6	Learning Systems	01	Abu-Mostafa, Y	TR 14:30 - 15:55	B280 MRE	
ACM/CS/IDS 157	3-2-4	Statistical Inference	01	Zuev, K	WF 09:00 - 10:25	105 ANB	

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<b>COMPUTER SCIENCE</b>							
CS/CNS/EE/IDS 159	3-0-6	Advanced Topics in Machine Learning	01	Yue, Y	TR 10:30 - 11:55	105 ANB	
EE/CS/IDS 167	3-0-6	Introduction to Data Compression and Storage	01	Kostina, V	MW 10:30 - 11:55	B280 MRE	
CS/CNS 174	3-6-3	Computer Graphics Projects	01	Barr, A	MWF 13:00 - 13:55	107 ANB	
CS/ACM 177B	3-3-3	Discrete Differential Geometry: Theory and Applications	01	Schroeder, P	TR 10:30 - 11:55	314 ANB	
CS 179	3-3-3	GPU Programming	01	Barr, A	MWF 15:00 - 15:55	107 ANB	
CS 180	+	Master's Thesis Research	01	Abu-Mostafa, Y	A	A	P
			02	Desbrun, M	A	A	P
			03	Chandy, K	A	A	P
			04	Wierman, A	A	A	P
			05	Perona, P	A	A	P
			07	Low, S	A	A	P
			08	Martin, A	A	A	P
			09	Kitaev, A	A	A	P
			11	Schroeder, P	A	A	P
			13	Winfree, E	A	A	P
			14	Umans, C	A	A	P
			15	Wold, B	A	A	P
			16	Siapas, A	A	A	P
			17	Ligett, K	A	A	P
BE/CS/CNS/Bi 191B	2-4-3	Biomolecular Computation <i>class cancelled</i>	01	Staff	A	A	G
CS 280	+	Research in Computer Science	01	Abu-Mostafa, Y	A	A	P
			02	Barr, A	A	A	P
			03	Cvitanić, J	A	A	P
			04	Umans, C	A	A	P
			05	Desbrun, M	A	A	P

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<b>COMPUTER SCIENCE</b>										
CS 280	+	Research in Computer Science	06	Winfree, E	A	A	P			
			07	Low, S	A	A	P			
			08	Martin, A	A	A	P			
			09	Chandy, K	A	A	P			
			10	Perona, P	A	A	P			
			11	Schroeder, P	A	A	P			
			12	Ligett, K	A	A	P			
			13	Kitaev, A	A	A	P			
			14	Wierman, A	A	A	P			
			15	Winfree, E	A	A	P			
			16	Doyle, J	A	A	P			
			17	Vidick, T	A	A	P			
			18	Yue, Y	A	A	P			
			CS 282C	+	Reading In Computer Science	01	Staff	A	A	P
			CS 286C	3-0-0	Seminar In Computer Science	01	Vidick, T	T 16:00 - 16:55	213 ANB	P
			<b>COMPUTING AND MATHEMATICAL SCIENCES</b>							
			CMS290C	1-0-0	Computing and Mathematical Sciences Colloquium	01	Schroeder, P	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			

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<b>COMPUTING AND MATHEMATICAL SCIENCES</b>							
CMS300	+	Research in Computing and Mathematical Sciences	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	Anandkumar, A	A	A	P
			20	Thomson, M	A	A	P
			21	Stuart, A	A	A	P
<b>CONTROL &amp; DYNAMICAL SYSTEMS</b>							
CDS090C	0-0-9	Senior Thesis in Control & Dynamical Systems	01	Staff	A	A	G
CDS110	3-3-3	Introduction to Feedback Control Systems <i>offered jointly with ChE105</i>	01	Seinfeld, J	MWF 14:00 - 14:55	147 NYS	
CDS141	3-2-4	Network Control Systems	01	Doyle, J	TR 13:00 - 14:25	213 ANB	
CDS190	+	Independent Work in Control and Dynamical Systems	01	Staff	A	A	P
CDS233	3-0-6	Nonlinear Control	01	Ames, A	MWF 11:00 - 12:25	135 GTL	
CDS244	2-0-2	System Identification	01	Lavretsky, E	F 10:00 - 11:55	106 ANB	
CDS270	+	Advanced Topics in Systems and Control <i>Sec 1: Optimal Space Trajectories, taught concurrently with Ae 103b // Sec 2: Control and Estimation for Swarm Autonomy, taught concurrently with Ae 240</i>	01	Campagnola, S	TR 14:30 - 15:55	133 GUG	P
CDS270	0-0-0	Advanced Topics in Systems and Control <i>Sec 1: Optimal Space Trajectories, taught</i>	02	Chung, S / Yue, Y	MW 14:00 - 15:25	133 GUG	P



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<b>CONTROL &amp; DYNAMICAL SYSTEMS</b>										
CDS300C	+	Research in Control and Dynamical Systems	01	Burdick, J	A	A	P			
			02	Doyle, J	A	A	P			
			03	Goentoro, L	A	A	P			
			04	Beck, J	A	A	P			
			05	Dickinson, M	A	A	P			
			06	Murray, R	A	A	P			
			07	Owhadi, H	A	A	P			
			08	Quartz, S	A	A	P			
			09	Elowitz, M	A	A	P			
			11	Desbrun, M	A	A	P			
			12	Ortiz, M	A	A	P			
			13	Adolphs, R	A	A	P			
			14	Siapas, A	A	A	P			
			16	Ames, A	A	A	P			
			17	Chung, S	A	A	P			
			<b>ECONOMICS</b>							
			Ec 097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Echenique, F	A	A	P
Ec 098C	+	Senior Research and Thesis <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P			
Ec 117	3-0-6	Matching Markets	01	Pomatto, L	TR 09:00 - 10:25	B125 BAX	G			
Ec 135	3-0-6	Economics of Uncertainty and Information	01	Agranov, M	TR 10:30 - 11:55	125 BAX	G			
Ec 140	3-0-6	Economic Progress <i>Designated as Writing Intensive Course</i>	01	Hoffman, P	TR 10:30 - 11:55	127 BAX	G			
Ec/PS 160C	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260 // Completion of Ec/PS 160AB required.//Maximum</i>	01	Plott, C	TR 09:00 - 10:25	125 BAX	G			

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<b>ELECTRICAL ENGINEERING</b>							
EE 001	3-0-6	The Science of Data, Signals, and Information	01	Vaidyanathan, P	TR 14:30 - 15:55	B280 MRE	
APh/EE 009B	2-2-2	Solid-State Electronics for Integrated Circuits	01	Scherer, A	TR 13:00 - 13:55	106 ANB	G
EE/CS 010B	2-3-1	Introduction to Digital Logic and Embedded Systems	01	George, G	MWF 15:00 - 15:55	B270 MRE	
EE 040	3-0-6	Introduction to Semiconductors Devices	01	Pedroni, V	MW 13:00 - 14:25	B280 MRE	
EE/CS 053	0-12-0	Microprocessor Project Laboratory	01	George, G	OM,W 16:30 - 17:25	B270 MRE	
CS/EE/ME 075C	+	Multidisciplinary Systems Engineering <i>6 units (2-3-1), 9 units (2-6-1), or 12 units (2-9-1)</i>	01	Burdick, J	OM,M 19:30 - 20:25	135 GTL	
EE 080C	+	Senior Thesis	01	Vaidyanathan, P	A	A	P
			02	Scherer, A	A	A	P
			03	Hajimiri, S	A	A	P
			04	Hassibi, B	A	A	P
			05	Tai, Y	A	A	P
			06	Effros, M	A	A	P
			07	Doyle, J	A	A	P
			08	Abbott, R	A	A	P
			09	Emami, A	A	A	P
			10	George, G	A	A	P
			11	Choo, H	A	A	P
EE 090	1-8-0	Analog Electronics Project Laboratory	01	Megdal, B	OM,M 16:00 - 16:55	B280 MRE	G
EE 099	+	Advanced Work in Electrical Engineering	01	George, G	A	A	P
			02	Perona, P	A	A	P
			03	Scherer, A	A	A	P
			04	Meyerowitz, E	A	A	P
			05	Megdal, B	A	A	P

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<b>ELECTRICAL ENGINEERING</b>										
EE 099	+	Advanced Work in Electrical Engineering	06	Murray, R	A	A	P			
			07	Low, S	A	A	P			
			08	Yang, C	A	A	P			
			09	Martin, A	A	A	P			
			10	Chandy, K	A	A	P			
			11	Tai, Y	A	A	P			
			12	Hajimiri, S	A	A	P			
			13	Emami, A	A	A	P			
			14	Klement, L	A	A	P			
			15	Yariv, A	A	A	P			
			16	Bruck, J	A	A	P			
			17	Doyle, J	A	A	P			
			EE 105C	1-0-0	Electrical Engineering Seminar	01	Emami, A	A	A	P
			EE 113	3-3-3	Feedback and Control Circuits	01	George, G	TR 13:00 - 14:25	B270 MRE	
			EE/MedE 114B	4-0-8	Analog Circuit Design	01	Hajimiri, S	TR 09:00 - 10:55	B270 MRE	
			Ph/APh/EE/BE 118B	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	B157 BRG	
			EE/CS 119C	3-3-3	Advanced Digital Systems Design	01	George, G	M 13:00 - 13:55	B270 MRE	
EE/CS/MedE 125	3-6-0	Digital Electronics and Design with FPGAs and VHDL	01	Pedroni, V	OM,T 16:00 - 16:55	B270 MRE				
CS/EE 145	0-0-9	Projects in Networking	01	Wierman, A	OM,T 14:30 - 15:25	213 ANB				
EE 151	3-0-6	Electromagnetic Engineering	01	Yang, C	TR 10:30 - 11:55	B280 MRE				
EE 153	3-2-7	Microwave Circuits and Antennas <i>class cancelled</i>	01	Staff	A	A				

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<b>ELECTRICAL ENGINEERING</b>							
EE 154B	2-3-4	Practical Electronics for Space Applications	01	Klesh, A	OM,M 16:00 - 16:55	B270 MRE	
CS/CNS/EE 156B	3-0-6	Learning Systems	01	Abu-Mostafa, Y	TR 14:30 - 15:55	B280 MRE	
Ge/EE/ESE 157C	3-3-3	Remote Sensing for Environmental and Geological Applications <i>Field Trip Dates: TBD</i>	01	Ehlmann, B	TR 09:00 - 10:25	176 SMD	
CS/CNS/EE/IDS 159	3-0-6	Advanced Topics in Machine Learning	01	Yue, Y	TR 10:30 - 11:55	105 ANB	
EE/CS/IDS 167	3-0-6	Introduction to Data Compression and Storage	01	Kostina, V	MW 10:30 - 11:55	B280 MRE	
MedE/EE/BE 168B	4-0-5	Biomedical Optics: Principles and Imaging	01	Wang, L	WF 10:30 - 12:25	142 KCK	G
ACM/EE/IDS 170	3-0-9	Mathematics of Signal Processing	01	Hassibi, B	TR 13:00 - 14:25	B280 MRE	
APh/EE 183	3-0-6	Physics of Semiconductors and Semiconductor Devices <i>first class meeting will be on Monday, April 8th</i>	01	Nad Perge, S	MW 10:00 - 11:25	104 WAT	
BE/EE/MedE 189A	3-6-3	Design and Construction of Biodevices	01	Yang, C	TR 14:30 - 15:55	108 KCK	
BE/EE/MedE 189B	0-9-0	Design and Construction of Biodevices	01	Yang, C	TR 14:30 - 15:55	108 KCK	
ACM/EE/IDS 217	3-0-6	Advanced Topics in Stochastic Analysis: Stochastic Differential Equations	01	Stuart, A	MWF 09:00 - 10:55	213 ANB	
EE 291	+	Advanced Work in Electrical Engineering	01	Atwater, H	A	A	P
			02	Wang, L	A	A	P
			03	Bruck, J	A	A	P
			04	Burdick, J	A	A	P
			05	Abu-Mostafa, Y	A	A	P
			06	Doyle, J	A	A	P

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<b>ELECTRICAL ENGINEERING</b>							
EE 291	+	Advanced Work in Electrical Engineering	07	Effros, M	A	A	P
			08	Heath, J	A	A	P
			09	George, G	A	A	P
			10	Weinreb, S	A	A	P
			11	Hajimiri, S	A	A	P
			12	Hassibi, B	A	A	P
			13	Campbell, J	A	A	P
			14	Low, S	A	A	P
			15	Phillips, R	A	A	P
			16	Choo, H	A	A	P
			17	Murray, R	A	A	P
			18	Perona, P	A	A	P
			19	Vahala, K	A	A	P
			20	Gharib, M	A	A	P
			21	Psaltis, D	A	A	P
			22	Haile, S	A	A	P
			23	Quartz, S	A	A	P
			24	Roukes, M	A	A	P
			25	Rutledge, D	A	A	P
			26	Scherer, A	A	A	P
			27	Cvitanic, J	A	A	P
			28	Tai, Y	A	A	P
			29	Vaidyanathan, P	A	A	P
			30	Yariv, A	A	A	P
			31	Hoffmann, M	A	A	P
			32	Yang, C	A	A	P
			33	Chandrasekaran, V	A	A	P
			34	Martin, A	A	A	P
			35	Avouac, J	A	A	P
			36	Bridges, W	A	A	P
			37	Zmuidzinas, J	A	A	P
			38	Emami, A	A	A	P
			39	Painter, O	A	A	P

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<b>ELECTRICAL ENGINEERING</b>							
EE 291	+	Advanced Work in Electrical Engineering	40	Faraon, A	A	A	P
			41	Pellegrino, S	A	A	P
			42	Hallinan, G	A	A	P
			43	Lahouti, F	A	A	P
			44	Minnich, A	A	A	P
			45	Kostina, V	A	A	P
			46	Van Zyl, J	A	A	P
			47	Yue, Y	A	A	P
			48	Shapiro, M	A	A	P
			49	Yeh, N	A	A	P
			50	Marandi, A	A	A	P
<b>ENGINEERING</b>							
E 010	1-0-2	Technical Seminar Presentations <i>Maximum enrollment: 18 students per section // class is open to seniors only during online registration</i>	01	Javier, R	MWF 09:00 - 09:55	100 PWL/BTH	G
			02	Javier, R	MWF 10:00 - 10:55	100 PWL/BTH	G
			03	Javier, R	MWF 11:00 - 11:55	100 PWL/BTH	G
E 011	1-0-2	Written Technical Communication in Engineering and Applied Science <i>Open to E&amp;AS seniors only // Maximum enrollment: 20 students per section</i>	01	Voong, L	T 11:00 - 11:55	142 KCK	G
			02	Voong, L	W 13:00 - 13:55	B270 MRE	G
			03	Burkett, E	R 13:00 - 13:55	142 KCK	G
			04	Smith, D	W 10:00 - 10:55	B270 MRE	G
E/Art 088	3-0-6	Critical Making <i>maximum enrollment: 20 students</i>	01	Mushkin, H	TR 13:00 - 14:25	127 BAX	G
E 100	+	Special Topics in Engineering & Applied Science: Projects in New Media Art	01	Mushkin, H	A	A	
E 102	3-0-6	Scientific and Technology Entrepreneurship <i>maximum enrollment: 40 students // Juniors and above only</i>	01	Wilson, N	F 13:00 - 15:55	104 WAT	G
E 111	3-0-3	Effective Communication Strategies for Engineers and Scientists <i>Limited to 20 EAS grad students, by application only. Applications due by March 4 to:</i>	01	Javier, R / Pourbahrami, T	T 14:00 - 16:55	100 PWL/BTH	P

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<b>ENGLISH</b>							
Hum/En 021	3-0-6	The Marvelous and the Monstrous: Literature at the Boundaries of the Real <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 18 students</i>	01	Jahner, J	TR 14:30 - 15:55	125 BAX	
Hum/En 023	3-0-6	Literature and Medicine <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Gilmore, D	TR 10:30 - 11:55	128 BAX	
En/Wr 084	3-0-6	Writing About Science <i>maximum enrollment: 15 students // graduate students can only enroll with instructor's permission</i>	01	Hall, S	TR 13:00 - 14:25	128 BAX	
En 085	3-0-6	Poetry Writing <i>maximum enrollment: 12 students</i>	01	Factor, J	W 19:00 - 21:55	117 DAB	
En 089	3-0-6	Writing the News - Journalistic Writing <i>Maximum Enrollment: 12 students</i>	01	Kipling, R	T 19:00 - 21:55	115 DAB	
En 098	+	Reading in English <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
En 099B	1-0-8	Senior Tutorial for English Majors <i>Instructor permission required prior to registering</i>	01 02	Gilmartin, K Sherazi, M	A A	A A	G G
En 110	3-0-6	Sinners, Saints, and Sexuality in Premodern Literature <i>maximum enrollment: 18 students</i>	01	Jahner, J	TR 10:30 - 11:55	228 BAX	G
En 118	3-0-6	Classical Mythology <i>class cancelled</i>	01	Staff	A	A	G
En 121	3-0-6	Literature and Its Readers <i>class cancelled</i>	01	Staff	A	A	
En 135	3-0-6	Dicken's London <i>maximum enrollment: 20 students</i>	01	Gilmore, D	TR 14:30 - 15:55	128 BAX	G

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<b>ENGLISH</b>							
En 180	3-0-6	Special Topics in English: Fabricating LA <i>maximum enrollment: 20 students</i>	01	Sobelle, S	T 19:00 - 21:55	TR DAB	G
<b>ENGLISH AS A SECOND LANGUAGE</b>							
ESL/Wr 107	3-0-3	Graduate Writing Seminar <i>maximum enrollment: 15 students</i>	01	Sarmiento, C	TR 17:00 - 18:25	127 BAX	P
<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
ESE001	3-0-6	Earth's Climate <i>maximum enrollment: 30 students</i>	01	Wennberg, P	MWF 14:00 - 14:55	162 SMD	G
ESE090	+	Undergraduate Laboratory Research in Environmental Science and Engineering	01 02 03 04 05 06 07	Newman, D Sessions, A Thompson, A Hoffmann, M Bordoni, S Leadbetter, J Adkins, J	A A A A A A A	A A A A A A A	P P P P P P P
ESE100	+	Special Problems in Environmental Science and Engineering <i>up to 12 units by arrangement</i>	01 02 03 04 05 06 07 08 09 10 12	Adkins, J Flagan, R Sessions, A Hoffmann, M Thompson, A Kornfield, J / Diallo, M Diallo, M Yung, Y Seinfeld, J Wennberg, P Schneider, T	A A A A A A A A A A A	A A A A A A A A A A A	P P P P P P P P P P P
ESE106	+	Research in Environmental Science and Engineering	01 02 03 04	Adkins, J Blake, G Bordoni, S Eiler, J	A A A A	A A A A	P P P P



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<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>										
ESE106	+	Research in Environmental Science and Engineering	05	Flagan, R	A	A	P			
			06	Hoffmann, M	A	A	P			
			07	Ingersoll, A	A	A	P			
			08	Lamb, M	A	A	P			
			09	Leadbetter, J	A	A	P			
			10	Newman, D	A	A	P			
			11	Okumura, M	A	A	P			
			12	Orphan, V	A	A	P			
			13	Schneider, T	A	A	P			
			14	Seinfeld, J	A	A	P			
			15	Sessions, A	A	A	P			
			16	Wennberg, P	A	A	P			
			17	Yung, Y	A	A	P			
			18	Thompson, A	A	A	P			
			19	Frankenberg, C	A	A	P			
			20	Callies, J	A	A	P			
			ESE110C	1-0-0	Seminar in Environmental Science and Engineering	01	Frankenberg, C	W 16:00 - 16:55	365 SMD	P
			ESE131B	3-0-6	Physical Oceanography II	01	Thompson, A	TR 09:00 - 10:25	162 SMD	
			ESE135	2-0-4	Topics in Atmosphere and Ocean Dynamics	01	Callies, J	OM,M 11:00 - 11:55	136 L+R	P
								WF 11:00 - 11:55	136 L+R	
ESE136	2-0-4	Climate Models	01	Schneider, T	R 14:30 - 15:55	135 L+R				
ESE/Ge 142	3-0-6	Aquatic Chemistry of Natural Waters	01	Adkins, J	MWF 13:00 - 13:55	135 L+R				
Ge/ESE 143	3-2-4	Organic Geochemistry	01	Sessions, A	MWF 11:00 - 11:55	215 NMD				
ESE144	3-0-6	Climate From Space	01	Bordoni, S / Teixeira, J	TR 10:30 - 11:55	135 L+R	P			

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<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
Ge/EE/ESE 157C	3-3-3	Remote Sensing for Environmental and Geological Applications <i>Field Trip Dates: TBD</i>	01	Ehlmann, B	TR 09:00 - 10:25	176 SMD	
Ge/ESE 170	3-2-4	Microbial Ecology	01	Orphan, V	TR 10:30 - 11:55	267 ARM	
ESE/Ge/Ch 171	3-0-6	Atmospheric Chemistry I	01	Seinfeld, J / Wennberg, P	TR 13:00 - 14:25	102 SPL	
ESE/Ch 176	3-0-6	Physical Organic Chemistry of Natural Waters	01	Hoffmann, M	F 14:00 - 15:25	135 L+R	
ESE200	2-0-4	Advanced Topics in Environmental Science and Engineering: Trends in Microbial Metabolism of Biogenic Trace Gases and Volatiles	01	Leadbetter, J	OM,W 10:00 - 10:55	151 ARM	P
ESE300	+	Thesis Research	01	Adkins, J	A	A	P
			02	Sessions, A	A	A	P
			03	Okumura, M	A	A	P
			04	Hoffmann, M	A	A	P
			05	Ingersoll, A	A	A	P
			06	Leadbetter, J	A	A	P
			07	Flagan, R	A	A	P
			08	Orphan, V	A	A	P
			09	Seinfeld, J	A	A	P
			10	Wennberg, P	A	A	P
			11	Yung, Y	A	A	P
			12	Schneider, T	A	A	P
			13	Bordoni, S	A	A	P
			14	Thompson, A	A	A	P
			15	Callies, J	A	A	P
			16	Frankenberg, C	A	A	P
<b>FRESHMAN SEMINARS</b>							
FS/Ph 011C	2-0-4	Freshman Seminar: Beyond Physics	01	Phillips, R	A	A	P

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<b>GEOLOGY</b>							
Ge 001	3-3-3	Earth and Environment <i>Field Trip Dates: TBD // Labs held every other T at 9-11, 11-1, 1-3, 3-5, 5-7, 7-9 in 251 Arms</i>	01	Asimow, P	MWF 14:00 - 14:55	155 ARM	G
Ge/Ay 011C	3-0-6	Introduction to Earth and Planetary Sciences: Planetary Sciences <i>Taught concurrently with Ge 103</i>	01	Brown, M	TR 13:00 - 14:25	162 SMD	G
Ge 040	+	Special Problems for Undergraduates	01	Kirschvink, J	A	A	P
			02	Knutson, H	A	A	P
			03	Lamb, M	A	A	P
			04	Adkins, J	A	A	P
			05	Rossmann, G	A	A	P
			06	Ingersoll, A	A	A	P
			07	Asimow, P	A	A	P
			08	Clayton, R	A	A	P
			09	Sessions, A	A	A	P
			10	Yung, Y	A	A	P
			11	Eiler, J	A	A	P
			12	Jackson, J	A	A	P
			13	Brown, M	A	A	P
			14	Fischer, W	A	A	P
			15	Orphan, V	A	A	P
			16	Ehlmann, B	A	A	P
Ge 041C	+	Undergraduate Research and Bachelor's Thesis	01	Grotzinger, J	A	A	P
			02	Newman, D	A	A	P
			03	Kirschvink, J	A	A	P
			04	Stock, J	A	A	P
			05	Ingersoll, A	A	A	P
			06	Orphan, V	A	A	P
			07	Fischer, W	A	A	P
			08	Jackson, J	A	A	P
			09	Sessions, A	A	A	P
			10	Leadbetter, J	A	A	P
			11	Asimow, P	A	A	P

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<b>GEOLOGY</b>							
Ge 041C	+	Undergraduate Research and Bachelor's Thesis	12	Rossman, G	A	A	P
			13	Adkins, J	A	A	P
			14	Lamb, M	A	A	P
			15	Ehlmann, B	A	A	P
			16	Simons, M	A	A	P
Ge 103	3-0-6	Introduction to the Solar System <i>Taught concurrently with Ge/Ay 011C</i>	01	Brown, M	TR 13:00 - 14:25	162 SMD	G
Ge 109	+	Oral Presentation <i>Section 1: Geophysics // Section 2: Geochemistry // Section 3: Geobiology // Section 4: Planetary Science</i>	01	Tsai, V	T 12:00 - 12:55	254 SMD	P
			02	Rossman, G	OM,M 17:15 - 18:15	151 ARM	P
			03	Sessions, A	A	A	P
			04	Knutson, H	A	A	P
			05	Newman, D	A	A	P
Ge 111B	0-3-6	Applied Geophysics Seminar and Field Course <i>Field Trip Dates: TBD</i>	01	Simons, M / Clayton, R	R 09:00 - 10:25	256 SMD	G
Ge 120A	3-6-0	Introduction to Field Geology <i>class cancelled</i>	01	Staff	A	A	
Ge 121C	0-9-3	Advanced Field Geology <i>Field Trip Dates: TBD</i>	01	Wernicke, B	M 15:00 - 15:55	267 ARM	G
Ge 124A	0-0-6	Paleomagnetism and Magnetostratigraphy	01	Kirschvink, J	T 09:00 - 10:25	267 ARM	
					W 19:00 - 20:25	267 ARM	
Ge 124B	3-3-3	Paleomagnetism and Magnetostratigraphy	01	Kirschvink, J	T 09:00 - 10:25	267 ARM	
					W 19:00 - 20:25	267 ARM	
Ge 131	3-0-6	Planetary Structure and Evolution	01	Stevenson, D	MWF 10:00 - 10:55	162 SMD	
Ge/Ay 133	3-0-6	The Formation and Evolution of Planetary Systems	01	Batygin, K	MWF 13:00 - 13:55	162 SMD	
Ge 136C	1-0-2	Regional Field Geology of the Southwestern United States <i>Field Trip Dates: TBD</i>	01	Kirschvink, J	OM,M 09:00 - 09:55	251 ARM	P

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<b>GEOLOGY</b>							
ESE/Ge 142	3-0-6	Aquatic Chemistry of Natural Waters	01	Adkins, J	MWF 13:00 - 13:55	135 L+R	
Ge/ESE 143	3-2-4	Organic Geochemistry	01	Sessions, A	MWF 11:00 - 11:55	215 NMD	
Ge/EE/ESE 157C	3-3-3	Remote Sensing for Environmental and Geological Applications <i>Field Trip Dates: TBD</i>	01	Ehlmann, B	TR 09:00 - 10:25	176 SMD	
Ge 163	3-0-6	Geodynamics	01	Gurnis, M	MWF 09:00 - 09:55	256 SMD	
Ge/ESE 170	3-2-4	Microbial Ecology	01	Orphan, V	TR 10:30 - 11:55	267 ARM	
ESE/Ge/Ch 171	3-0-6	Atmospheric Chemistry I	01	Seinfeld, J / Wennberg, P	TR 13:00 - 14:25	102 SPL	
ME/CE/Ge 174	3-0-6	Mechanics of Rocks	01	Lapusta, N	MWF 15:00 - 15:55	135 GTL	
Ge 195	+	Special Topics in Field Geology: Artic enrichment trip seminar	01	Bucholz, C	A	A	P
Ay/Ge 198	2-0-4	Special Topics in the Planetary Sciences	01	Howard, A / Mawet, D	R 14:30 - 16:25	219 CHL	
Ge 214	3-0-6	Spectroscopy of Minerals	01	Rossmann, G	MWF 15:00 - 15:55	251 ARM	
Ge 219	2-0-4	Non-traditional Isotopes Seminar	01	Tissot, F	MR 11:00 - 11:55 MW 14:00 - 14:55	215 NMD 215 NMD	
Ge/Bi 244	3-0-3	Paleobiology Seminar	01	Kirschvink, J	OM,M 14:00 - 14:55	151 ARM	
Ge 297	+	Advanced Study	01 02 03 04	Adkins, J Clayton, R Stock, J Asimow, P	A A A A	A A A A	P P P P

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<b>GEOLOGY</b>							
Ge 297	+	Advanced Study	05	Blake, G	A	A	P
			06	Brown, M	A	A	P
			07	Grotzinger, J	A	A	P
			08	Eiler, J	A	A	P
			09	Jackson, J	A	A	P
			10	Farley, K	A	A	P
			11	Gurnis, M	A	A	P
			12	Saleeby, J	A	A	P
			13	Helmberger, D	A	A	P
			14	Ingersoll, A	A	A	P
			15	Jackson, J	A	A	P
			16	Kirschvink, J	A	A	P
			17	Kulkarni, S	A	A	P
			18	Newman, D	A	A	P
			19	Fischer, W	A	A	P
			20	Bordoni, S	A	A	P
			21	Ehlmann, B	A	A	P
			22	Rossmann, G	A	A	P
			23	Lamb, M	A	A	P
			24	Miller, T	A	A	P
			25	Simons, M	A	A	P
			26	Stevenson, D	A	A	P
			27	Zhan, Z	A	A	P
			28	Stolper, E	A	A	P
			29	Batygin, K	A	A	P
			30	Bucholz, C	A	A	P
			31	Tissot, F	A	A	P
			32	Wernicke, B	A	A	P
			34	Yung, Y	A	A	P
			35	Wennberg, P	A	A	P
			36	Avouac, J	A	A	P
			37	Aharonson, O	A	A	P
			38	Lapusta, N	A	A	P

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<b>GEOLOGY</b>							
Ge 297	+	Advanced Study	39	Sessions, A	A	A	P
			40	Orphan, V	A	A	P
			41	Ampuero Saenz, J	A	A	P
			42	Tsai, V	A	A	P
			43	Knutson, H	A	A	P
			44	Leadbetter, J	A	A	P
Ge 299	+	Thesis Research	01	Adkins, J	A	A	P
			02	Batygin, K	A	A	P
			03	Fischer, W	A	A	P
			04	Kirschvink, J	A	A	P
			05	Asimow, P	A	A	P
			06	Blake, G	A	A	P
			07	Brown, M	A	A	P
			08	Clayton, R	A	A	P
			09	Eiler, J	A	A	P
			10	Farley, K	A	A	P
			11	Gurnis, M	A	A	P
			12	Heaton, T	A	A	P
			13	Helmberger, D	A	A	P
			14	Schneider, T	A	A	P
			15	Grotzinger, J	A	A	P
			16	Simons, M	A	A	P
			17	Avouac, J	A	A	P
			18	Newman, D	A	A	P
			19	Ampuero Saenz, J	A	A	P
			20	Ehlmann, B	A	A	P
			21	Orphan, V	A	A	P
			22	Fischer, W	A	A	P
			23	Saleeby, J	A	A	P
			24	Kulkarni, S	A	A	P
			25	Lamb, M	A	A	P
			26	Stevenson, D	A	A	P
			27	Stock, J	A	A	P

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>GEOLOGY</b>							
Ge 299	+	Thesis Research	28	Stolper, E	A	A	P
			29	Knutson, H	A	A	P
			30	Bucholz, C	A	A	P
			31	Zhan, Z	A	A	P
			32	Yung, Y	A	A	P
			33	Wernicke, B	A	A	P
			34	Rossman, G	A	A	P
			35	Sessions, A	A	A	P
			36	Lapusta, N	A	A	P
			37	Jackson, J	A	A	P
			38	Ingersoll, A	A	A	P
			39	Bordoni, S	A	A	P
			40	Tsai, V	A	A	P
			41	Leadbetter, J	A	A	P
<b>HISTORY</b>							
Hum/H 003	3-0-6	The United States in the Twentieth Century <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Savage, M	TR 14:30 - 15:55	115 BCK	
Hum/H 008A	3-0-6	Civilization, Science, and Archaeology: Before Greece: The Origins of Civilization in Mesopotamia <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Buchwald, J	TR 14:30 - 15:55	117 DAB	
Hum/H 009B	3-0-6	European Civilization: Early Modern Europe <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Wey-Gomez, N	TR 09:00 - 10:25	117 DAB	
Hum/H 009C	3-0-6	European Civilization: Modern Europe <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Kormos-Buchwald, D	T 13:00 - 15:55	House EINSTEIN	
Hum/H 011	3-0-6	Love and Death: Using Demography to Study the History of Europe from 1700 <i>Attendance at the first class meeting is required.</i>	01	Dennison, T	TR 14:30 - 15:55	TR DAB	



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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>HISTORY</b>							
Hum/H/HPS 018	3-0-6	Introduction to the History of Science <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Feingold, M	T 19:00 - 21:55	117 DAB	
H 098	+	Reading in History <i>Instructor permission required prior to registering</i>	01	Kousser, J	A	A	P
H 099C	1-0-8	Research Tutorial <i>Instructor permission required prior to registering</i>	01	Gronningsater, S	A	A	
			02	Brown, W	A	A	
			03	Dennison, T	A	A	
			04	Dykstra, M	A	A	
			05	Hoffman, P	A	A	
			06	Kousser, J	A	A	
			07	Wey-Gomez, N	A	A	
H 132	3-0-6	Humanistic Ecology <i>maximum enrollment: 20 students</i>	01	Lewis, D	T 19:00 - 21:55	127 BAX	G
H 135	3-0-6	War, Conquest, and Empires <i>maximum enrollment: 15 students</i>	01	Hoffman, P	TR 14:30 - 15:55	127 BAX	G
Law/PS/H 148B	3-0-6	The Supreme Court in U.S. History <i>Law/PS/H 148a is a prerequisite // maximum enrollment: 30 students</i>	01	Kousser, J	T 19:30 - 22:25	128 BAX	G
H 151	3-0-6	The Long(er) Civil Rights Movement: From Emancipation to Black Lives Matter <i>maximum enrollment: 15 students</i>	01	Savage, M	TR 10:30 - 11:55	B133 BAX	G
HPS/H 160	3-0-6	Einstein and His Generation: The History of Modern Physical Sciences <i>maximum enrollment: 15 students</i>	01	Kormos-Buchwald, D	T 19:00 - 21:55	House EINSTEIN	
HPS/H 162	3-0-6	Social Studies of Science <i>maximum enrollment: 15 students</i>	01	Feingold, M	M 19:00 - 21:55	TR DAB	
HPS/H 168	3-0-6	History of Electromagnetism and Heat Science <i>maximum enrollment: 15 students</i>	01	Buchwald, J	TR 10:30 - 11:55	115 DAB	

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>HISTORY</b>							
H/HPS 186	3-0-6	From Plato to Pluto: Maps, Exploration and Culture from Antiquity to the Present <i>maximum enrollment: 15 students // class will meet in B127 GTL on 4/11/19</i>	01	Wey-Gomez, N / Ceva, J	TR 13:00 - 14:25	TR DAB	
H/L 191	3-0-6	Perspectives on History through German Literature <i>maximum enrollment: 15 students</i>	01	Dennison, T	TR 13:00 - 14:25	115 DAB	
<b>HISTORY AND PHILOSOPHY OF SCIENCE</b>							
Hum/H/HPS 018	3-0-6	Introduction to the History of Science <i>Attendance at the first class meeting is required. // Maximum enrollment: 15 students</i>	01	Feingold, M	T 19:00 - 21:55	117 DAB	
HPS103	1-0-0	Public Lecture Series <i>maximum enrollment: 15 students</i>	01	Eberhardt, F	T 16:00 - 17:25	125 BAX	P
HPS/PI/CS 110	3-0-6	Causation and Explanation <i>maximum enrollment: 15 students // class will meet in KRK B136 on 4/11/19</i>	01	Eberhardt, F	TR 10:30 - 11:55	TR DAB	G
HPS/PI 120	3-0-6	Introduction to Philosophy of Science <i>maximum enrollment: 15 students</i>	01	Babic, B	R 19:00 - 21:55	117 DAB	
HPS/PI 125	3-0-6	Philosophical Issues in Quantum Physics <i>maximum enrollment: 15 students</i>	01	Sebens, C	TR 13:00 - 14:25	B119 BAX	
HPS/H 160	3-0-6	Einstein and His Generation: The History of Modern Physical Sciences <i>maximum enrollment: 15 students</i>	01	Kormos-Buchwald, D	T 19:00 - 21:55	House EINSTEIN	
HPS/H 162	3-0-6	Social Studies of Science <i>maximum enrollment: 15 students</i>	01	Feingold, M	M 19:00 - 21:55	TR DAB	
HPS/H 168	3-0-6	History of Electromagnetism and Heat Science <i>maximum enrollment: 15 students</i>	01	Buchwald, J	TR 10:30 - 11:55	115 DAB	
H/HPS 186	3-0-6	From Plato to Pluto: Maps, Exploration and Culture from Antiquity to the Present <i>maximum enrollment: 15 students // class will meet in B127 GTL on 4/11/19</i>	01	Wey-Gomez, N / Ceva, J	TR 13:00 - 14:25	TR DAB	

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>HUMANITIES</b>							
Hum/H 003	3-0-6	The United States in the Twentieth Century <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Savage, M	TR 14:30 - 15:55	115 BCK	
Hum/H 008A	3-0-6	Civilization, Science, and Archaeology: Before Greece: The Origins of Civilization in Mesopotamia <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Buchwald, J	TR 14:30 - 15:55	117 DAB	
Hum/H 009B	3-0-6	European Civilization: Early Modern Europe <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Wey-Gomez, N	TR 09:00 - 10:25	117 DAB	
Hum/H 009C	3-0-6	European Civilization: Modern Europe <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Kormos-Buchwald, D	T 13:00 - 15:55	House EINSTEIN	
Hum/H 011	3-0-6	Love and Death: Using Demography to Study the History of Europe from 1700 <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Dennison, T	TR 14:30 - 15:55	TR DAB	
Hum/H/HPS 018	3-0-6	Introduction to the History of Science <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Feingold, M	T 19:00 - 21:55	117 DAB	
Hum/En 021	3-0-6	The Marvelous and the Monstrous: Literature at the Boundaries of the Real <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 18 students</i>	01	Jahner, J	TR 14:30 - 15:55	125 BAX	
Hum/En 023	3-0-6	Literature and Medicine <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Gilmore, D	TR 10:30 - 11:55	128 BAX	
Hum/PI 041	3-0-6	Knowledge and Reality <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students per section</i> <i>// Sec 1- letter grades only</i>	01 02	Eberhardt, F Babic, B	TR 14:30 - 15:55 TR 14:30 - 15:55	115 DAB B119 BAX	

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>HUMANITIES</b>							
Hum/PI 044	3-0-6	Philosophy Through Science Fiction <i>Attendance at the first class meeting is required. // Maximum enrollment: 15 students</i>	01	Sebens, C	TR 09:00 - 10:25	115 DAB	
Hum075	0-0-0	Selected Topics in Humanities: A Study in Time <b>6 units (3-0-3) // Open by application only. See course syllabus link for application, due February 25th. // maximum enrollment: 8 students</b>	01	Thornton, L	W 19:00 - 21:55	115 DAB	
Hum075	0-0-0	Selected Topics in Humanities: Racing the Future: Multi-Ethnic Science and Speculative Fiction <i>This course counts as a Freshman Humanities course in the English discipline. // Attendance at the first class meeting is required. // maximum enrollment: 15 students</i>	02	Sobelle, S	TR 14:30 - 15:55	314 ANB	
Hum080	1-0-0	Frontiers in the Humanities <i>maximum enrollment: 30 students</i>	01	Eberhardt, F	R 12:00 - 12:55	125 BAX	P
Hum114C	3-0-6	Spanish and Latin American Literature <i>maximum enrollment: 20 students</i>	01	Garcia, D	T 19:00 - 20:25 F 11:00 - 12:25	125 BAX 125 BAX	
L/Hum 152B	3-0-6	French Literature in Translation: Classical and Modern <i>maximum enrollment: 15 students</i>	01	Merrill, T	MW 09:30 - 10:55	117 DAB	
Hum174	3-0-6	Topics in Chinese Literature <i>maximum enrollment: 20 students</i>	01	Ming, F	MW 17:00 - 18:25	117 DAB	
<b>INFORMATION AND DATA SCIENCES</b>							
ACM/CS/IDS 157	3-2-4	Statistical Inference	01	Zuev, K	WF 09:00 - 10:25	105 ANB	
CS/CNS/EE/IDS 159	3-0-6	Advanced Topics in Machine Learning	01	Yue, Y	TR 10:30 - 11:55	105 ANB	
EE/CS/IDS 167	3-0-6	Introduction to Data Compression and Storage	01	Kostina, V	MW 10:30 - 11:55	B280 MRE	

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>INFORMATION AND DATA SCIENCES</b>							
ACM/EE/IDS 170	3-0-9	Mathematics of Signal Processing	01	Hassibi, B	TR 13:00 - 14:25	B280 MRE	
IDS197	+	Undergraduate Reading in the Information and Data Sciences	01	Bois, J	A	A	P
IDS198	+	Undergraduate Projects in Information and Data Sciences	01	Yue, Y	A	A	P
IDS199	+	Undergraduate Thesis in the Information and Data Sciences	01	Staff	A	A	P
ACM/EE/IDS 217	3-0-6	Advanced Topics in Stochastic Analysis: Stochastic Differential Equations	01	Stuart, A	MWF 09:00 - 10:55	213 ANB	
<b>INFORMATION SCIENCE AND TECHNOLOGY</b>							
IST004	3-0-6	Information and Logic	01	Bruck, J	TR 14:30 - 15:55	105 ANB	G
<b>LANGUAGES</b>							
L 102C	3-0-6	Elementary French	01	Orcel, C	MW 12:00 - 12:55 F 12:00 - 12:55	115 DAB 117 DAB	G
L 103C	3-0-6	Intermediate French	01	Orcel, C	MWF 11:00 - 11:55	115 DAB	
L 106C	4-0-5	Elementary Japanese	01 02	Fujio, M Fujio, M	MTWR 15:00 - 15:55 MTWR 16:00 - 16:55	228 BAX 228 BAX	
L 107C	3-0-6	Intermediate Japanese <i>Prerequisite: L 106abc or equivalent // Taught by Dr. Hirai    maximum enrollment: 15 students</i>	01	Toner, R	MW 16:00 - 17:25	115 DAB	
L 108C	3-0-6	Advanced Japanese <i>Taught by Dr. Hirai    maximum enrollment: 15 students</i>	01	Toner, R	TR 16:00 - 17:25	115 DAB	
L 110C	3-0-6	Elementary Spanish <i>maximum enrollment: 20 students per section</i>	01 02	Garcia, D Arjona, G	MWR 12:00 - 12:55 TR 14:30 - 15:55	127 BAX SFL	

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<b>LANGUAGES</b>							
L 112C	3-0-6	Intermediate Spanish <i>maximum enrollment: 20 students</i>	01	Arjona, G	TR 19:00 - 20:25	B119 BAX	
L 114C	3-0-6	Spanish and Latin American Literature <i>maximum enrollment: 20 students</i>	01	Garcia, D	T 19:00 - 20:25 F 11:00 - 12:25	125 BAX 125 BAX	
L 130C	3-0-6	Elementary German	01	Aebi, A	MWR 13:00 - 13:55	117 DAB	
L 132C	3-0-6	Intermediate German	01	Aebi, A	MWR 12:00 - 12:55	117 DAB	
L/Hum 152B	3-0-6	French Literature in Translation: Classical and Modern <i>maximum enrollment: 15 students</i>	01	Merrill, T	MW 09:30 - 10:55	117 DAB	
L 167A	3-0-6	Latin Literature <i>maximum enrollment: 15 students</i>	01	Pigman, G	TR 12:00 - 12:55 F 12:30 - 13:25	115 DAB 115 DAB	
L 170C	3-0-6	Introduction to Chinese <i>maximum enrollment: 20 students</i>	01	Wang, X	MTW 12:00 - 12:55	128 BAX	
L 171C	3-0-6	Elementary Chinese <i>maximum enrollment: 20 students</i>	01	Ming, F	MTW 16:00 - 16:55	117 DAB	
L 172C	3-0-6	Intermediate Chinese <i>maximum enrollment: 20 students</i>	01	Wang, X	TR 09:00 - 10:25	B119 BAX	
L 174	3-0-6	Topics in Chinese Literature <i>maximum enrollment: 20 students</i>	01	Ming, F	MW 17:00 - 18:25	117 DAB	
L 175	3-0-3	French Conversation	01	Orcel, C	TR 09:00 - 10:25	127 BAX	P
H/L 191	3-0-6	Perspectives on History through German Literature <i>maximum enrollment: 15 students</i>	01	Dennison, T	TR 13:00 - 14:25	115 DAB	
<b>LAW</b>							
Law/PS/H 148B	3-0-6	The Supreme Court in U.S. History <i>Law/PS/H 148a is a prerequisite // maximum</i>	01	Kousser, J	T 19:30 - 22:25	128 BAX	G

CALIFORNIA INSTITUTE OF TECHNOLOGY  
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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>MATERIALS SCIENCE</b>							
MS 078C	+	Senior Thesis	01	Gharib, M	A	A	P
			02	Johnson, W	A	A	P
			03	Ravichandran, G	A	A	P
			04	Greer, J	A	A	P
			05	Goddard, W	A	A	P
			06	Minnich, A	A	A	P
			07	Fultz, B	A	A	P
			08	Faber, K	A	A	P
MS 090	1-6-2	Materials Science Laboratory <i>Maximum Enrollment: 12 students</i>	01	Hofmann, D	M 12:00 - 12:55	104 WAT	
MS 100	+	Advanced Work in Materials Science	01	Minnich, A	A	A	P
			02	Fultz, B	A	A	P
			03	Lewis, N	A	A	P
			04	Davis, M	A	A	P
			05	Johnson, W	A	A	P
			06	Greer, J	A	A	P
APh/MS 105C	3-0-6	States of Matter	01	Fultz, B	TR 09:00 - 10:25	104 WAT	
MS 110C	1-0-0	Materials Research Lectures	01	Fultz, B	W 16:00 - 16:55	106 SPL	P
MS 133	3-0-6	Kinetic Processes in Materials	01	Faber, K	MW 13:00 - 14:25	104 WAT	
MS/ME 161	3-0-6	Imperfections in Crystals	01	Greer, J	TR 14:30 - 15:55	104 WAT	
MS 200	+	Advanced Work in Materials Science	01	Johnson, W	A	A	P
			02	Goddard, W	A	A	P
			03	Blake, G	A	A	P
			04	Fultz, B	A	A	P
			05	Daraio, C	A	A	P
			06	Heath, J	A	A	P
			07	Bhattacharya, K	A	A	P

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>MATERIALS SCIENCE</b>							
MS 200	+	Advanced Work in Materials Science	08	Lewis, N	A	A	P
			09	Yeh, N	A	A	P
			10	Atwater, H	A	A	P
			11	Ahn, C	A	A	P
			12	Greer, J	A	A	P
			13	Minnich, A	A	A	P
			14	Bernardi, M	A	A	P
			15	Ortiz, M	A	A	P
			16	Kochmann, D	A	A	P
			17	Faber, K	A	A	P
18	Rees, D	A	A	P			
MS 300	+	Thesis Research	01	Johnson, W	A	A	P
			02	Faber, K	A	A	P
			03	Atwater, H	A	A	P
			04	Goddard, W	A	A	P
			05	Fultz, B	A	A	P
			06	Greer, J	A	A	P
			07	Haile, S	A	A	P
			08	Lewis, N	A	A	P
			09	Bhattacharya, K	A	A	P
			10	Rosakis, A	A	A	P
			11	Minnich, A	A	A	P
			12	Snyder, G	A	A	P
			13	Bernardi, M	A	A	P
			14	Ortiz, M	A	A	P
16	Cross, M	A	A	P			
17	Rees, D	A	A	P			
<b>MATHEMATICS</b>							
Ma 001C	4-0-5	Calculus of One and Several Variables and Linear Algebra	01	Flach, M	MWF 10:00 - 10:55 R 09:00 - 09:55	119 KRK 310 LINDE	G
			02	Flach, M	MWF 10:00 - 10:55 R 10:00 - 10:55	119 KRK 310 LINDE	G
		<i>Practical Track: Section 1-4 &amp; 8 // Analytical Track: Sections 5-7</i>					



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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme			
<b>MATHEMATICS</b>										
Ma 001C	4-0-5	Calculus of One and Several Variables and Linear Algebra <i>Practical Track: Section 1-4 &amp; 8 // Analytical Track: Sections 5-7</i>	03	Flach, M	MWF 10:00 - 10:55 R 13:00 - 13:55	119 KRK B111 DWN	G			
			04	Flach, M	MWF 10:00 - 10:55 R 14:00 - 14:55	119 KRK 103 DWN	G			
			05	Katz, N	MWF 10:00 - 10:55 R 10:00 - 10:55	310 LINDE 387 LINDE	G			
			06	Katz, N	MWF 10:00 - 10:55 R 13:00 - 13:55	310 LINDE 387 LINDE	G			
			07	Katz, N	MWF 10:00 - 10:55 R 14:00 - 14:55	310 LINDE 387 LINDE	G			
			08	Flach, M	MWF 10:00 - 10:55 R 18:00 - 18:55	119 KRK 310 LINDE	G			
			Ma 004	3-0-6	Introduction to Mathematical Chaos <i>taught concurrently with Ma 104</i>	01	Parikh, S	TR 10:30 - 11:55	187 LINDE	
			Ma 005C	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 105c</i>	01	Xu, D	MWF 09:00 - 09:55	387 LINDE	
Ma/CS 006C	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma 106c</i>	01	Kechris, A	TR 13:00 - 14:25	310 LINDE				
Ma 007	3-0-6	Number Theory for Beginners <i>taught concurrently with Ma 107</i>	01	Yom Din, A	MWF 13:00 - 13:55	310 LINDE				
Ma 011	0-0-3	Mathematical Writing <i>class is taught as individually scheduled meetings after the OM</i>	01	Ni, Y	OM,T 16:00 - 16:55	187 LINDE	G			
Ma 092C	+	Senior Thesis	01	Graber, T	A	A	P			
Ma 098	+	Independent Reading <i>Faculty permission required to register for course.</i>	01	Graber, T	A	A	P			
			02	Katz, N	A	A	P			
Ma 104	3-0-6	Introduction to Mathematical Chaos <i>taught concurrently with Ma 4</i>	01	Parikh, S	TR 10:30 - 11:55	187 LINDE				

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<b>MATHEMATICS</b>							
Ma 105C	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 5c</i>	01	Xu, D	MWF 09:00 - 09:55	310 LINDE	
Ma/CS 106C	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma/CS 006c</i>	01	Kechris, A	TR 13:00 - 14:25	310 LINDE	
Ma 107	3-0-6	Number Theory for Beginners <i>taught concurrently with Ma 7</i>	01	Yom Din, A	MWF 13:00 - 13:55	310 LINDE	
Ma 108C	3-0-6	Classical Analysis	01	Ivrii, O	MWF 11:00 - 11:55	310 LINDE	
Ma 109C	3-0-6	Introduction to Geometry and Topology	01	Chen, L	MWF 13:00 - 13:55	387 LINDE	
Ma 110C	3-0-6	Analysis, I	01	Durcik, P	MWF 11:00 - 11:55	255 LINDE	
Ma 111B	3-0-6	Topics in Analysis	01	Lazebnik, K	TR 10:30 - 11:55	289 LINDE	
Ma/CS 117C	3-0-6	Computability Theory	01	Panagiotopoulos, A	TR 13:00 - 14:25	255 LINDE	
Ma 120C	3-0-6	Abstract Algebra	01	Yom Din, A	MWF 09:00 - 09:55	255 LINDE	
Ma 130C	3-0-6	Algebraic Geometry	01	Xu, D	MWF 13:00 - 13:55	255 LINDE	
Ma 132B	3-0-6	Topics in Algebraic Geometry <i>class cancelled</i>	01	Staff	A	A	
Ma/ACM 142	3-0-6	Ordinary and Partial Differential Equations	01	Isett, P	TR 13:00 - 14:25	187 LINDE	P
Ma 151C	3-0-6	Algebraic and Differential Topology	01	Ni, Y	MWF 10:00 - 10:55	255 LINDE	
Ma 157B	3-0-6	Riemannian Geometry	01	Smillie, P	MWF 13:00 - 13:55	187 LINDE	P

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>MATHEMATICS</b>							
Ma 160C	3-0-6	Number Theory	01	Flach, M	MWF 14:00 - 14:55	255 LINDE	
Ma 191C	3-0-6	Selected Topics in Mathematics	01	Parikh, S	TR 09:00 - 10:25	289 LINDE	
		<i>1: Perturbative quantum field theory and the p-adic holographic correspondence</i>	02	Ramakrishnan, D	TR 10:30 - 11:55	255 LINDE	
		<i>(P/F)/2: Number Theory /3: Intersection Theory on Shimura Varieties (P/F only)/4: Noncommutative algebraic geometry and special functions (P/F only)/5: Topics in Harmonic Analysis // Sec 6: Derived Algebraic Geometry</i>	03	Amir Khosravi, Z	TR 13:00 - 14:25	107 DWN	
			04	Rains, E	TR 13:00 - 14:25	289 LINDE	
			05	Krause, B	TR 14:30 - 15:55	289 LINDE	
			06	Campbell, C	TR 14:30 - 15:55	187 LINDE	
Ma 290	+	Reading	01	Cvitanic, J	A	A	P
		<i>Faculty permission required to register for course.</i>	02	Flach, M	A	A	P
			03	Frank, R	A	A	P
			04	Graber, T	A	A	P
			05	Gukov, S	A	A	P
			06	Katz, N	A	A	P
			07	Kechris, A	A	A	P
			08	Makarov, N	A	A	P
			09	Mantovan, E	A	A	P
			10	Marculli, M	A	A	P
			11	Markovic, V	A	A	P
			12	Ni, Y	A	A	P
			13	Owhadi, H	A	A	P
			14	Rains, E	A	A	P
			15	Ramakrishnan, D	A	A	P
			16	Tamuz, O	A	A	P
			17	Zhu, X	A	A	P
			18	Amir Khosravi, Z	A	A	P
Ma 390	+	Research	01	Cvitanic, J	A	A	P
		<i>Faculty permission required to register for research.</i>	02	Flach, M	A	A	P
			03	Frank, R	A	A	P
			04	Graber, T	A	A	P
			05	Gukov, S	A	A	P

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>MATHEMATICS</b>							
Ma 390	+	Research <i>Faculty permission required to register for research.</i>	06	Katz, N	A	A	P
			07	Kechris, A	A	A	P
			08	Makarov, N	A	A	P
			09	Mantovan, E	A	A	P
			10	Marcolli, M	A	A	P
			11	Markovic, V	A	A	P
			12	Ni, Y	A	A	P
			13	Owhadi, H	A	A	P
			14	Rains, E	A	A	P
			15	Ramakrishnan, D	A	A	P
			16	Tamuz, O	A	A	P
			17	Zhu, X	A	A	P
			18	Radziwill, M	A	A	P
<b>MECHANICAL ENGINEERING</b>							
ME 011C	3-0-6	Thermal Science	01	Colonius, T	MW 14:00 - 14:55	135 GTL	G
ME 012C	3-0-6	Mechanics	01	Daraio, C	TR 13:00 - 14:25	135 GTL	G
ME 014	3-5-1	Design and Fabrication <i>Maximum enrollment: 30 students // Limited to ME or Ae students // Not open to freshmen</i>	01	Van Deusen, J / Mello, M	TR 14:30 - 15:55	115 GTL	G
ME 023	0-4-0	CNC Machining <i>Maximum enrollment: 10 students between ME 23 and 123. // Students must submit a questionnaire available in the Registrars's Office.</i>	01	Van Deusen, J / Dominguez, B	OM,M 18:00 - 19:55	B224 SPL	P
ME 050B	0-6-3	Experiments and Modeling in Mechanical Engineering	01	Mello, M	MWF 10:00 - 10:55	115 GTL	G
CS/EE/ME 075C	+	Multidisciplinary Systems Engineering <i>6 units (2-3-1), 9 units (2-6-1), or 12 units (2-9-1)</i>	01	Burdick, J	OM,M 19:30 - 20:25	135 GTL	

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>MECHANICAL ENGINEERING</b>							
ME 090C	0-9-0	Senior Thesis, Experimental	01	Minnich, A	A	A	G
ME 100	+	Independent Studies in Mechanical Engineering	01	Kochmann, D	A	A	P
			02	Hunt, M	A	A	P
			03	Burdick, J	A	A	P
			04	Blanquart, G	A	A	P
			05	Minnich, A	A	A	P
			06	Scherer, A	A	A	P
			07	Colonus, T	A	A	P
			08	Murray, R	A	A	P
			09	Pickar, K	A	A	P
			10	Perona, P	A	A	P
			11	Doyle, J	A	A	P
			12	Daraio, C	A	A	P
			13	Hall, J	A	A	P
			14	Mello, M	A	A	P
			15	McKeon, B	A	A	P
Ae/APh/CE/ME 101C	3-0-6	Fluid Mechanics	01	McKeon, B	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102C	3-0-6	Mechanics of Structures and Solids	01	Ravichandran, G	TR 09:00 - 10:25	135 GTL	G
ME 110	+	Special Laboratory Work in Mechanical Engineering	01	Murray, R	A	A	P
			02	Burdick, J	A	A	P
			03	Brennen, C	A	A	P
			04	Pickar, K	A	A	P
			05	Ravichandran, G	A	A	P
			06	Shepherd, J	A	A	P
			07	Scherer, A	A	A	P
Ae/ME 120B	3-0-6	Combustion Fundamentals	01	Blanquart, G	MWF 14:00 - 14:55	115 GTL	

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>MECHANICAL ENGINEERING</b>							
ME 123	0-4-0	CNC Machining <i>Maximum enrollment: 10 students between ME 23 and 123. // Students must submit a questionnaire available in the Registrars's Office.</i>	01	Van Deusen, J / Dominguez, B	OM,M 18:00 - 19:55	B224 SPL	P
AM/CE/ME 150C	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	135 GTL	P
MS/ME 161	3-0-6	Imperfections in Crystals	01	Greer, J	TR 14:30 - 15:55	104 WAT	
ME/CE/Ge 174	3-0-6	Mechanics of Rocks	01	Lapusta, N	MWF 15:00 - 15:55	135 GTL	
ME 200	+	Advanced Work in Mechanical Engineering	01	Lapusta, N	A	A	P
			02	Ravichandran, G	A	A	P
			03	Burdick, J	A	A	P
			04	Brennen, C	A	A	P
			05	Bhattacharya, K	A	A	P
ME 201	3-0-6	Advanced Topics in Mechanical Engineering: Physics on near-term quantum computers <i>concurrently taught with APh 250</i>	01	Minnich, A	MWF 13:00 - 13:55	135 GTL	
Ae/AM/CE/ME 214B	3-5-1	Computational Solid Mechanics	01	Stainier, L	MWF 09:00 - 09:55	384 FIR	
Ae/AM/ME 223	3-0-6	Plasticity	01	Andrade, J	TR 14:30 - 15:55	135 GTL	
ME 300	+	Research in Mechanical Engineering	01	Ames, A	A	A	P
			02	Bellan, P	A	A	P
			03	Bhattacharya, K	A	A	P
			04	Burdick, J	A	A	P
			05	Colonus, T	A	A	P
			06	Adkins, J	A	A	P
			07	Gharib, M	A	A	P
			08	Kochmann, D	A	A	P

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<b>MECHANICAL ENGINEERING</b>										
ME 300	+	Research in Mechanical Engineering	09	Haile, S	A	A	P			
			10	Hunt, M	A	A	P			
			11	Lapusta, N	A	A	P			
			12	Leonard, A	A	A	P			
			13	Murray, R	A	A	P			
			14	Ortiz, M	A	A	P			
			15	Shepherd, J	A	A	P			
			16	Heaton, T	A	A	P			
			17	Brady, J	A	A	P			
			18	Scherer, A	A	A	P			
			19	Troian, S	A	A	P			
			20	Greer, J	A	A	P			
			21	Daraio, C	A	A	P			
			22	Dickinson, M	A	A	P			
			23	Ravichandran, G	A	A	P			
			24	Atwater, H	A	A	P			
			25	Fultz, B	A	A	P			
			26	Blanquart, G	A	A	P			
			27	Andrade, J	A	A	P			
			28	McKeon, B	A	A	P			
			29	Hoffmann, M	A	A	P			
			30	Asimaki, D	A	A	P			
			31	Minnich, A	A	A	P			
			32	Lewis, N	A	A	P			
			33	Schneider, T	A	A	P			
			<b>MEDICAL ENGINEERING</b>							
			MedE 099	+	Undergraduate Research in Medical Engineering	01	Gao, W	A	A	P
						02	Shapiro, M	A	A	P
						03	Wang, L	A	A	P
			MedE 100C	1-0-0	Medical Engineering Seminar	01	Tai, Y / Gao, W	R 16:00 - 16:55	105 ANB	P

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<b>MEDICAL ENGINEERING</b>							
EE/MedE 114B	4-0-8	Analog Circuit Design	01	Hajimiri, S	TR 09:00 - 10:55	B270 MRE	
EE/CS/MedE 125	3-6-0	Digital Electronics and Design with FPGAs and VHDL	01	Pedroni, V	OM,T 16:00 - 16:55	B270 MRE	
MedE/EE/BE 168B	4-0-5	Biomedical Optics: Principles and Imaging	01	Wang, L	WF 10:30 - 12:25	142 KCK	G
BE/EE/MedE 189A	3-6-3	Design and Construction of Biodevices	01	Yang, C	TR 14:30 - 15:55	108 KCK	
BE/EE/MedE 189B	0-9-0	Design and Construction of Biodevices	01	Yang, C	TR 14:30 - 15:55	108 KCK	
MedE 201B	3-0-6	Principles and Design of Medical Devices	01	Gao, W / Tai, Y	MW 13:00 - 14:25	142 KCK	
MedE 205	2-0-4	New Frontiers in Medical Technologies	01	Nikzad, S	TR 11:00 - 11:55	107 ANB	P
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	Colonius, T	A	A	P
			15	Grubbs, R	A	A	P
			16	Ismagilov, R	A	A	P
			17	Shapiro, M	A	A	P



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<b>MEDICAL ENGINEERING</b>							
MedE 291	+	Research in Medical Engineering	18	Wang, L	A	A	P
			19	Gradinaru, V	A	A	P
			20	Daraio, C	A	A	P
			21	Kornfield, J	A	A	P
<b>MUSIC</b>							
Mu 059	3-0-6	Harmony II <i>maximum enrollment: 25 students</i>	01	Neenan, T	TR 14:30 - 15:55	B133 BAX	
Mu 139	3-0-6	History III: Music History from 1850 to the Present <i>maximum enrollment: 20 students</i>	01	Neenan, T	TR 13:00 - 14:25	B133 BAX	
<b>NEUROBIOLOGY</b>							
Bi/CNS/NB/Psy 150	4-0-6	Introduction to Neuroscience	01	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 14:00 - 14:55	100 - Rock Auditorium BRD 101 KRK	
			02	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 15:00 - 15:55	100 - Rock Auditorium BRD 101 KRK	
			03	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 16:00 - 16:55	100 - Rock Auditorium BRD 101 KRK	
			04	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 19:00 - 19:55	100 - Rock Auditorium BRD 101 KRK	
Bi/CNS/NB 152	2-0-4	Neural Circuits and Physiology of Appetite and Body Homeostasis	01	Oka, Y	TF 09:00 - 09:55	200 BRD	
Bi/CNS/NB 157	2-3-4	Comparative Nervous Systems	01	Allman, J	F 14:00 - 15:55	200 BRD	G
Bi/CNS/NB 250C	3-0-6	Topics in Systems Neuroscience	01	Siapas, A	W 14:00 - 16:55	101 KRK	
<b>PERFORMING AND VISUAL ARTS</b>							

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<b>PERFORMING AND VISUAL ARTS</b>							
PVA030C	0-3-0	Guitar	01	Elgart, M	T 16:30 - 17:25	Library AVE	P
		<i>Sec 1: Beginning Guitar / Sec 2: Intermediate</i>	02	Elgart, M	T 15:30 - 16:25	Library AVE	P
		<i>Guitar / Sec 3: Advanced Guitar</i>	03	Elgart, M	T 17:30 - 18:25	Library AVE	P
PVA031C	0-3-0	Chamber Music	01	Jasper White, M	OM,A	A	P
		<i>Sec 1: Mixed Ensembles // Sec 2: Piano Four-</i>	02	Ward, R	OM,A	A	P
		<i>Hands // Sec 3: Guitar Ensemble</i>	03	Elgart, M	OM,A	A	P
PVA032C	0-3-0	Symphony Orchestra	01	Gross, A	T 19:30 - 22:15	Ramo Auditorium BAX	P
PVA033C	0-3-0	Wind Orchestra	01	Price, G	R 19:30 - 21:45	Ramo Auditorium BAX	P
PVA034C	0-3-0	Jazz Band/Jazz Improvisation	01	Catlin, B	M 19:15 - 20:55	Ramo Auditorium BAX Ramo Auditorium BAX	P
					M 21:15 - 22:45		
PVA035C	0-3-0	Glee Club	01	Sulahian, N	M 19:30 - 21:25 W 17:05 - 19:15	Basement BCK Fr Rehearsal Hall HAM	P
PVA037C	0-3-0	Chamber Singers	01	Sulahian, N	W 18:00 - 18:55	A	P
PVA040C	2-0-1	Theater Production	01	Brophy, B	W 19:00 - 20:25	Ramo Auditorium BAX	P
PVA041C	2-0-1	Storytelling for Scientists	01	Brophy, B	W 19:00 - 20:25	Ramo Auditorium BAX	P
PVA042C	2-0-1	Improvisation for Scientists	01	Brophy, B	W 20:30 - 21:55	Ramo Auditorium BAX	P
PVA061C	0-3-0	Silkscreen and Silk Painting	01	Barry, J	M 19:00 - 21:55	Garage TCT	P
			02	Barry, J	R 19:00 - 21:55	Garage TCT	P
PVA062C	0-3-0	Drawing and Painting	01	Barry, J	T 19:00 - 21:55	Garage TCT	P
			02	Barry, J	W 19:00 - 21:55	Garage TCT	P
PVA063C	0-3-0	Ceramics <i>maximum enrollment: 15 students</i>	01	Plunkett, L	W 19:00 - 21:55	Ceramic Room POLY	P

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<b>PERFORMING AND VISUAL ARTS</b>							
PVA063C	0-3-0	Ceramics <i>maximum enrollment: 15 students</i>	01	Plunkett, L	F 19:00 - 21:55	Ceramic Room POLY	P
<b>PHILOSOPHY</b>							
Hum/PI 041	3-0-6	Knowledge and Reality <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students per section</i> <i>// Sec 1- letter grades only</i>	01	Eberhardt, F	TR 14:30 - 15:55	115 DAB	
			02	Babic, B	TR 14:30 - 15:55	B119 BAX	
Hum/PI 044	3-0-6	Philosophy Through Science Fiction <i>Attendance at the first class meeting is required.</i> <i>// Maximum enrollment: 15 students</i>	01	Sebens, C	TR 09:00 - 10:25	115 DAB	
PI 090B	1-0-8	Senior Thesis <i>Instructor permission required prior to registering</i>	01	Eberhardt, F	A	A	
			02	Quartz, S	A	A	
			03	Sebens, C	A	A	
PL 098	+	Reading in Philosophy <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
HPS/PI/CS 110	3-0-6	Causation and Explanation <i>maximum enrollment: 15 students // class will meet in KRK B136 on 4/11/19</i>	01	Eberhardt, F	TR 10:30 - 11:55	TR DAB	G
HPS/PI 120	3-0-6	Introduction to Philosophy of Science <i>maximum enrollment: 15 students</i>	01	Babic, B	R 19:00 - 21:55	117 DAB	
HPS/PI 125	3-0-6	Philosophical Issues in Quantum Physics <i>maximum enrollment: 15 students</i>	01	Sebens, C	TR 13:00 - 14:25	B119 BAX	
<b>PHYSICAL EDUCATION</b>							
PE 001	3-0-0	Student Designed Fitness	01	Alway, S	TR 10:30 - 11:55	MPR BAC	P
PE 003	3-0-0	Hiking	01	Jordan, J	F 09:00 - 12:55	BRW	P

**CALIFORNIA INSTITUTE OF TECHNOLOGY**  
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**Course Schedule SP 2018-19**

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<b>PHYSICAL EDUCATION</b>							
PE 005	3-0-0	Beginning Running	01	Raphelson, B	MW 10:00 - 11:25	BAC	P
PE 006	3-0-0	Core Training, Beginning/Intermediate	01	Bonafede, J	MW 09:00 - 10:25	BAC	P
PE 008	3-0-0	Fitness Training, Beginning	01	Gamble, M	MW 10:00 - 11:25	BRW	P
PE 009	3-0-0	Soccer	01	Murray, P	TR 14:30 - 15:55	NOF BAC	P
PE 010	3-0-0	Aerobic Dance	01	Waterman, D	TR 13:00 - 14:25	BAC	P
PE 014	3-0-0	Basketball Skills, Beginning/Intermediate	01	Eslinger, O	TR 09:00 - 10:25	BAC	P
PE 024	3-0-0	Yoga, Beginning	01	Alvarado-Orozco, J	MW 10:00 - 11:25	BAC	P
PE 027	3-0-0	Ultimate Frisbee	01	Jordan, J	TR 13:00 - 14:25	SOF BAC	P
PE 029	3-0-0	Outdoor Lawn Games	01	Gardner, T / Bonafede, J	TR 10:30 - 11:55	BAC	P
PE 030	3-0-0	Golf, Beginning and Intermediate	01	Becker, M	MW 10:00 - 11:25	NOF BAC	P
PE 035	3-0-0	Diving, Beginning/Intermediate	01	Zimmermann, U	TR 13:00 - 14:25	POOL BRN	P
PE 036	3-0-0	Swimming, Beginning/Intermediate <i>intermediate swimmers for those who want a workout</i>	01	Morgan, H	MW 13:00 - 14:25	Pool BRW	P
PE 044	3-0-0	Karate (Shotokan), Beginning and Intermediate/Advanced	01	Teramoto, K	TR 19:00 - 20:25	BAC	P
PE 048	3-0-0	T'ai-Chi Ch'uan, Beginning and Intermediate	01	Hightower, A	MW 19:00 - 20:25	BAC	P

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<b>PHYSICAL EDUCATION</b>							
PE 050	3-0-0	Badminton, Beginning/Intermediate	01	Bresanello, S	MW 09:00 - 10:25	BRW	P
PE 054	3-0-0	Racquetball, Beginning and Intermediate	01	Cohen, J	TR 10:30 - 11:55	BAC	P
PE 060	3-0-0	Tennis, Beginning and Intermediate <i>for those who can maintain a rally and want to play for exercise</i>	01	Reyes, B	MW 13:00 - 14:25	TCT BAC	P
PE 070	3-0-0	Weight Training, Beginning/Intermediate <i>Section 1: beginning, for students who are new to the weight room and strength training // Section 2: for students with some experience lifting, ready for a tougher workout and advanced techniques</i>	01	Brabson, A / Whitehead, K	MW 13:00 - 14:25	BAC	P
			02	Whitehead, K	MW 09:00 - 10:25	BAC	P
PE 081	3-0-0	Bouldering	01	Murphy, T	TR 10:30 - 11:55	BRW	P
PE 082	3-0-0	Rock Climbing, Beginning and Intermediate	01	Murphy, T	TR 13:00 - 14:25	BRW	P
PE 085B	3-0-0	Intercollegiate Track and Field Teams	01	Raphelson, B	MTWRFS 16:00 - 17:55	TRK BAC	P
PE 090C	3-0-0	Intercollegiate Water Polo Teams	01	Bonafede, J	MTWRFS 16:00 - 18:55	POOL BAC	P
PE 093B	3-0-0	Intercollegiate Baseball Team	01	Mark, M	MTWRFS 16:00 - 17:55	NOF BAC	P
PE 095B	3-0-0	Intercollegiate Tennis Teams	01	Gamble, M / Cohen, J	MTWRFS 16:00 - 17:55	TCT BAC	P
<b>PHYSICS</b>							
Ph 001C	4-0-5	Classical Mechanics and Electromagnetism <i>Sections 1-5 Practical Track -- Sections 6-10 Analytical Track//Maximum enrollment: 30 students per section</i>	01	Alicea, J	MWR 15:00 - 15:55 F 15:00 - 15:55	B111 DWN 201 BRG	G
			02	Alicea, J	MW 11:00 - 11:55	107 DWN	G

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<b>PHYSICS</b>							
Ph 001C	4-0-5	Classical Mechanics and Electromagnetism <i>Sections 1-5 Practical Track -- Sections 6-10 Analytical Track//Maximum enrollment: 30 students per section</i>	02	Alicea, J	F 15:00 - 15:55	201 BRG	G
					R 11:00 - 11:55	103 DWN	
			03	Alicea, J	MWR 15:00 - 15:55	102 STL	G
					F 15:00 - 15:55	201 BRG	
			04	Alicea, J	MWR 11:00 - 11:55	B127 GCL	G
					F 15:00 - 15:55	201 BRG	
			05	Alicea, J	MWR 11:00 - 11:55	102 STL	G
					F 15:00 - 15:55	201 BRG	
			06	Hsieh, D	WF 11:00 - 11:55	201 BRG	G
					MR 11:00 - 11:55	B111 DWN	
		WF 11:00 - 11:55	201 BRG	G			
		MR 15:00 - 15:55	B127 GCL				
		WF 11:00 - 11:55	201 BRG	G			
		MR 11:00 - 11:55	155 ARM				
		WF 11:00 - 11:55	201 BRG	G			
		MR 15:00 - 15:55	103 DWN				
		WF 11:00 - 11:55	201 BRG	G			
		MR 11:00 - 11:55	119 DWN				
Ph 002C	4-0-5	Waves, Quantum Mechanics, and Statistical Physics	01	Filippone, B	TR 11:00 - 11:55	201 BRG	
					WF 11:00 - 11:55	119 DWN	
			02	Filippone, B	TR 11:00 - 11:55	201 BRG	
		WF 16:00 - 16:55	B157 BRG				
03	Filippone, B	TR 11:00 - 11:55	201 BRG				
		WF 15:00 - 15:55	103 DWN				
Ph 003	0-3-3	Introductory Physics Laboratory <i>Maximum enrollment: 24 students per section</i>	01	Black, E / Libbrecht, K	W 13:00 - 15:55	308 BRG	
					OM,M 14:00 - 14:55	308 BRG	
			02	Black, E / Libbrecht, K	OM,M 14:00 - 14:55	308 BRG	
		R 13:00 - 15:55	308 BRG				
03	Black, E / Libbrecht, K	F 13:00 - 15:55	308 BRG				
		OM,M 14:00 - 14:55	308 BRG				
Ph 007	0-9-0	Physics Laboratory	01	Rice, F / Politzer, H	OM,T 15:00 - 15:55	201 BRG	G

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<b>PHYSICS</b>							
Ph 008C	0-3-0	Experiments in Electromagnetism	01	Spiropulu, M	A	A	P
FS/Ph 011C	2-0-4	Freshman Seminar: Beyond Physics	01	Phillips, R	A	A	P
Ph 012C	4-0-5	Waves, Quantum Physics, and Statistical Mechanics	01	Simmons-Duffin, D	TR 10:30 - 11:55	269 LAU	G
Ph 020	0-6-0	Computational Physics Laboratory I	01	Mach, C / Weinstein, A	OM,M 15:00 - 15:55	304 BRG	P
Ph 021	0-6-0	Computational Physics Laboratory II	01	Mach, C / Weinstein, A	OM,M 15:00 - 15:55	304 BRG	P
Ph 022	0-6-0	Computational Physics Laboratory III	01	Mach, C / Weinstein, A	OM,M 15:00 - 15:55	304 BRG	P
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 077C	0-5-4	Advanced Physics Laboratory	01	Black, E / Libbrecht, K	OM,M 15:00 - 15:55	210 BRG	
Ph 078C	9-0-0	Senior Thesis, Experimental	01	Stone, E	A	A	G
Ph 079C	9-0-0	Senior Thesis, Theoretical	01	Stone, E	A	A	G
Ph 101	3-0-6	Order-of-Magnitude Physics	01	Phinney, E	MW 13:00 - 14:25	201 BRG	
Ph 106C	4-0-5	Topics in Classical Physics	01	Golwala, S	TR 10:30 - 11:55	107 DWN	

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<b>PHYSICS</b>							
APh/Ph/Ae 116	3-0-9	Physics of Thermal and Mass Transport in Hydrodynamic Systems <i>make-up classes will be held on Fridays from 1-2:30 in Watson 170</i>	01	Troian, S	TR 13:00 - 14:25	170 WAT	
Ph/APh/EE/BE 118B	3-0-6	Physics of Measurement	01	Roukes, M	TR 14:30 - 15:55	B157 BRG	
Ph 121C	0-6-0	Computational Physics Lab	01	Motrunich, O	OM,T 10:30 - 11:25 T 10:30 - 11:25	304 BRG 304 BRG	P
			02	Motrunich, O	OM,T 10:30 - 11:25 R 10:30 - 11:25	304 BRG 304 BRG	P
Ph 125C	4-0-5	Quantum Mechanics	01	Cheung, C	MWF 10:00 - 10:55	107 DWN	
Ph 129C	4-0-5	Mathematical Methods of Physics <i>Probability and Statistics</i>	01	Porter, F	TR 09:00 - 10:25	107 DWN	
Ph 136C	3-0-6	Applications of Classical Physics	01	Teukolsky, S	TR 13:00 - 14:25	269 LAU	
Ph 139	3-0-6	Introduction to High Energy Physics	01	Patterson, R	TR 14:30 - 15:55	119 DWN	
Ph 171	+	Reading and Independent Study	01	Adhikari, R	A	A	P
			02	Alicea, J	A	A	P
			03	Atwater, H	A	A	P
			04	Bernardi, M	A	A	P
			05	Bock, J	A	A	P
			06	Guadalupe Dos Santos Lins Brandao, F	A	A	P
			07	Carroll, S	A	A	P
			08	Chen, X	A	A	P
			09	Chen, Y	A	A	P
			10	Cheung, C	A	A	P
			11	Eisenstein, J	A	A	P
			12	Endres, M	A	A	P



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<b>PHYSICS</b>							
Ph 171	+	Reading and Independent Study	13	Filippone, B	A	A	P
			14	Golwala, S	A	A	P
			15	Gukov, S	A	A	P
			16	Harrison, F	A	A	P
			17	Hitlin, D	A	A	P
			18	Hopkins, P	A	A	P
			19	Hsieh, D	A	A	P
			20	Hunt, M	A	A	P
			21	Hutzler, N	A	A	P
			22	Kapustin, A	A	A	P
			23	Kimble, H	A	A	P
			24	Kitaev, A	A	A	P
			25	Knutson, H	A	A	P
			26	Libbrecht, K	A	A	P
			27	Martin, C	A	A	P
			28	Mawet, D	A	A	P
			29	Motrunich, O	A	A	P
			30	Nad Perge, S	A	A	P
			31	Newman, H	A	A	P
			32	Oguri, H	A	A	P
			33	Painter, O	A	A	P
			34	Patterson, R	A	A	P
			35	Phillips, R	A	A	P
			36	Phinney, E	A	A	P
			37	Politzer, H	A	A	P
			38	Porter, F	A	A	P
			39	Preskill, J	A	A	P
			40	Prince, T	A	A	P
			41	Refael, G	A	A	P
			42	Rosenbaum, T	A	A	P
			43	Roukes, M	A	A	P
			44	Scherer, A	A	A	P
			45	Schwab, K	A	A	P

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<b>PHYSICS</b>							
Ph 171	+	Reading and Independent Study	46	Schwarz, J	A	A	P
			47	Simmons-Duffin, D	A	A	P
			48	Spiropulu, M	A	A	P
			49	Stone, E	A	A	P
			50	Teukolsky, S	A	A	P
			51	Troian, S	A	A	P
			52	Weinstein, A	A	A	P
			53	Wise, M	A	A	P
			54	Yeh, N	A	A	P
			55	Yue, Y	A	A	P
			56	Zmuidzinas, J	A	A	P
Ph 172	+	Research in Physics	01	Adhikari, R	A	A	P
			02	Atwater, H	A	A	P
			03	Bock, J	A	A	P
			04	Eisenstein, J	A	A	P
			05	Endres, M	A	A	P
			06	Filippone, B	A	A	P
			07	Golwala, S	A	A	P
			08	Harrison, F	A	A	P
			09	Hitlin, D	A	A	P
			10	Hsieh, D	A	A	P
			11	Hunt, M	A	A	P
			12	Hutzler, N	A	A	P
			13	Kimble, H	A	A	P
			14	Kirby, E	A	A	P
15	Knutson, H	A	A	P			
16	Libbrecht, K	A	A	P			
17	Martin, C	A	A	P			
18	Mawet, D	A	A	P			
19	Nad Perge, S	A	A	P			
20	Newman, H	A	A	P			
21	Oguri, H	A	A	P			
22	Painter, O	A	A	P			

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<b>PHYSICS</b>							
Ph 172	+	Research in Physics	23	Patterson, R	A	A	P
			24	Phillips, R	A	A	P
			25	Porter, F	A	A	P
			26	Prince, T	A	A	P
			27	Rosenbaum, T	A	A	P
			28	Roukes, M	A	A	P
			29	Scherer, A	A	A	P
			30	Schwab, K	A	A	P
			31	Spiropulu, M	A	A	P
			32	Stone, E	A	A	P
			33	Weinstein, A	A	A	P
			34	Yeh, N	A	A	P
			35	Zmuidzinas, J	A	A	P
			36	Yue, Y	A	A	P
			37	Bellan, P	A	A	P
			38	Wise, M	A	A	P
			39	Bernardi, M	A	A	P
			40	Chen, X	A	A	P
			41	Chen, Y	A	A	P
			42	Cheung, C	A	A	P
			43	Guadalupe Dos Santos Lins Brandao, F	A	A	P
			44	Gukov, S	A	A	P
			45	Hopkins, P	A	A	P
			46	Kapustin, A	A	A	P
47	Preskill, J	A	A	P			
48	Refael, G	A	A	P			
49	Simmons-Duffin, D	A	A	P			
Ph 177	0-4-5	Advanced Experimental Physics	01	Hutzler, N / Rice, F	OM,T 14:00 - 14:55	201 BRG	
Ph 201	3-0-6	Candidacy Physics Fitness	01	Endres, M	F 14:30 - 16:25	469 LAU	P

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<b>PHYSICS</b>							
Ph 205C	3-0-6	Relativistic Quantum Field Theory	01	Wise, M	MW 10:30 - 11:55	103 DWN	P
Ph/APh 223B	3-0-6	Advanced Condensed-Matter Physics	01	Kitaev, A	MW 09:00 - 10:25	103 DWN	
Ph 250C	3-0-6	Introduction to String Theory	01	Kapustin, A	MW 10:30 - 11:55	469 LAU	
Ph 300	+	Thesis Research	01	Adhikari, R	A	A	P
			02	Alicea, J	A	A	P
			03	Atwater, H	A	A	P
			04	Bernardi, M	A	A	P
			05	Bock, J	A	A	P
			06	Guadalupe Dos Santos	A	A	P
				Lins Brandao, F			
			07	Carroll, S	A	A	P
			08	Chen, X	A	A	P
			09	Chen, Y	A	A	P
			10	Cheung, C	A	A	P
			11	Eisenstein, J	A	A	P
			12	Endres, M	A	A	P
			13	Filippone, B	A	A	P
			14	Golwala, S	A	A	P
			15	Gukov, S	A	A	P
			16	Harrison, F	A	A	P
			17	Hitlin, D	A	A	P
			18	Hopkins, P	A	A	P
			19	Hsieh, D	A	A	P
			20	Hunt, M	A	A	P
			21	Hutzler, N	A	A	P
			22	Kapustin, A	A	A	P
			23	Kimble, H	A	A	P
			24	Kitaev, A	A	A	P
			25	Knutson, H	A	A	P

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<b>PHYSICS</b>							
Ph 300	+	Thesis Research	26	Libbrecht, K	A	A	P
			27	Marcolli, M	A	A	P
			28	Martin, C	A	A	P
			29	Mawet, D	A	A	P
			30	Motrunich, O	A	A	P
			31	Nad Perge, S	A	A	P
			32	Newman, H	A	A	P
			33	Oguri, H	A	A	P
			34	Painter, O	A	A	P
			35	Patterson, R	A	A	P
			36	Phillips, R	A	A	P
			37	Phinney, E	A	A	P
			38	Politzer, H	A	A	P
			39	Porter, F	A	A	P
			40	Preskill, J	A	A	P
			41	Prince, T	A	A	P
			42	Refael, G	A	A	P
			43	Rosenbaum, T	A	A	P
			44	Roukes, M	A	A	P
			45	Scherer, A	A	A	P
			46	Schwab, K	A	A	P
			47	Schwarz, J	A	A	P
			48	Scoville, N	A	A	P
			49	Simmons-Duffin, D	A	A	P
			50	Spiropulu, M	A	A	P
			51	Stone, E	A	A	P
			52	Teukolsky, S	A	A	P
			53	Troian, S	A	A	P
			54	Weinstein, A	A	A	P
			55	Wise, M	A	A	P
			56	Yeh, N	A	A	P
			57	Yue, Y	A	A	P
			58	Zmuidzinas, J	A	A	P

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<b>POLITICAL SCIENCE</b>							
PS 012	3-0-6	Introduction to Political Science <i>maximum enrollment: 54 students // On 4/26/19, class will meet in 125 BAX // On 5/3/19, class will meet in Baxter Lecture Hall</i>	01	Kiewiet, D	MWF 13:00 - 13:55	B125 BAX	
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	Staff	A	A	
PS 099B	3-0-6	Political Science Research Seminar <i>Designated as Writing Intensive Course // Instructor permission required prior to registering</i>	01	Staff	A	A	
PS 120	3-0-6	American Electoral Behavior and Party Strategy <i>Designated as Writing Intensive Course</i>	01	Alvarez, R	MW 10:30 - 11:55	127 BAX	G
PS 122	3-0-6	Political Representation	01	Gibilisco, M	M 19:00 - 21:55	125 BAX	G
PS 132	3-0-6	Formal Theories in Political Science	01	Agranov, M	TR 13:00 - 14:25	125 BAX	G
PS/SS 139	3-0-6	Comparative Politics	01	Lopez-Moctezuma Jassan, G	MW 10:00 - 11:25	B119 BAX	G
PS 141B	3-0-6	A History of Budgetary Politics in the United States <i>designated as Writing Intensive course // maximum enrollment: 100 students</i>	01	Kiewiet, D	W 19:00 - 21:55	Lecture Hall BAX	G
Law/PS/H 148B	3-0-6	The Supreme Court in U.S. History <i>Law/PS/H 148a is a prerequisite // maximum enrollment: 30 students</i>	01	Kousser, J	T 19:30 - 22:25	128 BAX	G

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<b>POLITICAL SCIENCE</b>							
Ec/PS 160C	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260 // Completion of Ec/PS 160AB required.//Maximum enrollment: 10 students</i>	01	Plott, C	TR 09:00 - 10:25	125 BAX	G
<b>PSYCHOLOGY</b>							
Psy013	3-0-6	Introduction to Cognitive Neuroscience <i>maximum enrollment: 100 students</i>	01	Mobbs, D	TR 10:30 - 11:55	Lecture Hall BAX	
CNS/SS/Psy/Bi 102B	3-0-6	Brains, Minds, and Society	01	Camerer, C	MW 13:00 - 14:25	100 - Rock Auditorium BRD	
Psy/CNS 105A	1.5-0-3.5	Frontiers in Neuroeconomics	01	O'Doherty, J	M 14:30 - 15:55	B119 BAX	
Bi/CNS/NB/Psy 150	4-0-6	Introduction to Neuroscience	01	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 14:00 - 14:55	100 - Rock Auditorium BRD 101 KRK	
			02	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 15:00 - 15:55	100 - Rock Auditorium BRD 101 KRK	
			03	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 16:00 - 16:55	100 - Rock Auditorium BRD 101 KRK	
			04	Adolphs, R / Lester, H	MWF 10:00 - 10:55 R 19:00 - 19:55	100 - Rock Auditorium BRD 101 KRK	
CNS/Bi/SS/Psy 176	4-0-5	Cognition	01	Shimojo, S	MW 14:00 - 15:55	B180 BBB	
SS/Psy/Bi/CNS 255	3-0-6	Topics in Emotion and Social Cognition	10	Mobbs, D	W 10:00 - 12:55	125 BAX	G
SS/Psy 283C	1.5-0-1.5	Graduate Proseminar in Social and Decision Neuroscience	01	Rangel, A	F 13:00 - 14:25	B119 BAX	P
<b>SOCIAL SCIENCE</b>							

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<b>SOCIAL SCIENCE</b>							
SS 098	+	Reading in Social Science <i>Instructor permission required prior to registering</i>	01	Border, K	A	A	P
CNS/SS/Psy/Bi 102B	3-0-6	Brains, Minds, and Society	01	Camerer, C	MW 13:00 - 14:25	100 - Rock Auditorium BRD	
PS/SS 139	3-0-6	Comparative Politics	01	Lopez-Moctezuma Jassan, G	MW 10:00 - 11:25	B119 BAX	G
CNS/Bi/SS/Psy 176	4-0-5	Cognition	01	Shimojo, S	MW 14:00 - 15:55	B180 BBB	
SS 201C	3-0-6	Analytical Foundations of Social Science <i>Open to Social Science graduate students only.</i>	01	Pomatto, L	MWF 09:00 - 09:55	127 BAX	G
SS 202C	3-0-6	Political Theory <i>Open to Social Science graduate students only.</i>	01	Alvarez, R	T 13:00 - 15:55	237 BAX	G
SS 205C	3-0-6	Foundations of Economics <i>Open to Social Science graduate students only.</i>	01	Palfrey, T	M 13:00 - 15:55	128 BAX	G
SS 215	3-0-6	Asset Pricing Theory	01	Jin, J	MW 14:30 - 15:55	125 BAX	G
SS 217	3-0-6	Advanced Behavioral Finance	01	Jin, J	MW 13:00 - 14:25	125 BAX	G
SS 222C	3-0-6	Econometrics	01	Sherman, R	TR 10:30 - 11:55	B125 BAX	G
SS 223C	3-0-6	Advanced Topics in Econometric Theory	01	Xin, Y	W 09:00 - 11:55	128 BAX	G
SS 228C	3-0-6	Applied Empirical Methods in the Social Sciences	01	Lopez-Moctezuma Jassan, G	TR 14:30 - 15:55	B125 BAX	G
SS 231C	3-0-6	American Politics <i>class cancelled</i>	01	Staff	A	A	G
SS/Psy/Bi/CNS 255	3-0-6	Topics in Emotion and Social Cognition	10	Mobbs, D	W 10:00 - 12:55	125 BAX	G



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<b>SOCIAL SCIENCE</b>							
SS 260	3-3-3	Experimental Methods of Political Economy	01	Plott, C	TR 09:00 - 10:25	125 BAX	G
SS 281	3-0-6	Graduate Social Science Writing Seminar	01	Rosenthal, J	TR 09:00 - 10:25	237 BAX	P
SS 282C	2-0-1	Graduate Proseminar in Social Science	01	Doval, M	M 14:30 - 15:55	127 BAX	P
SS/Psy 283C	1.5-0-1.5	Graduate Proseminar in Social and Decision Neuroscience	01	Rangel, A	F 13:00 - 14:25	B119 BAX	P
SS 300	+	Research in Social Science	01	Cvitanic, J	A	A	P
			02	Snowberg, E	A	A	P
			03	Echenique, F	A	A	P
			04	Hoffman, P	A	A	P
			05	Jin, J	A	A	P
			06	Katz, J	A	A	P
			07	Hoffman, P	A	A	P
			08	Tamuz, O	A	A	P
			09	Camerer, C	A	A	P
			10	Lester, H	A	A	P
			11	Palfrey, T	A	A	P
			12	Kiewiet, D	A	A	P
			13	Wilkie, S	A	A	P
			14	Alvarez, R	A	A	P
			15	Plott, C	A	A	P
			16	Hirsch, A	A	A	P
			18	Rosenthal, J	A	A	P
			19	Shum, M	A	A	P
			20	Rangel, A	A	A	P
			21	Yariv, L	A	A	P
			22	Gillen, B	A	A	P
			23	O'Doherty, J	A	A	P
			24	Perona, P	A	A	P
			25	Adolphs, R	A	A	P

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<b>SOCIAL SCIENCE</b>							
SS 300	+	Research in Social Science	26	Shimojo, S	A	A	P
			27	Jin, J	A	A	P
			28	Mobbs, D	A	A	P
<b>STUDENT ACTIVITIES</b>							
SA 016C	0-3-0	Cooking Basics <i>maximum enrollment: 16 students // Location: 400 S. Hill</i>	01	Staff	R 18:30 - 21:25	A	P
SA 080C	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
SA 081A	1-1-1	Peer Advocates <i>open only to Peer Advocates // maximum enrollment: 40 students</i>	01	Lal, A	T 19:00 - 20:55	104 WAT	P
<b>STUDY ABROAD</b>							
CAM100	36-0-0	Cambridge Scholars Program	01	Staff	A	A	P
CPH100	36-0-0	Copenhagen Scholars Program	01	Staff	A	A	P
<b>WRITING</b>							
Wr 050	+	Tutorial in Writing	01	Hall, S	A	A	P
En/Wr 084	3-0-6	Writing About Science <i>maximum enrollment: 15 students // graduate students can only enroll with instructor's permission</i>	01	Hall, S	TR 13:00 - 14:25	128 BAX	
ESL/Wr 107	3-0-3	Graduate Writing Seminar <i>maximum enrollment: 15 students</i>	01	Sarmiento, C	TR 17:00 - 18:25	127 BAX	P