

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

ANB	Annenberg Center for Information Science and Technology	JRG	Jorgensen Laboratory
ARM	Arms Laboratory of Geological Sciences	KCK	Keck Engineering 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	LAU	Lauritsen Physics Laboratory
BBB	Beckman Laboratory of Behavioral Biology	LINDE	Ronald and Maxine Linde Hall of Mathematics and Physics
BCK	Beckman Institute	LLB	Ronald and Maxine Linde Laboratory for Global Environmental Science
BCK AUD	Beckman Auditorium	MLKN	Robert A. Millikan Memorial Building
BRD	Broad Center	MRE	Moore Laboratory
BRG	Bridge Laboratory of Physics	NMD	North Mudd Building of Geological Sciences
BRN	Braun Laboratory	NYS	Noyes Laboratory of Chemical Physics
BRW	Brown Gym	NewMedia	NewMedia Classroom
CHL	Cahill Center for Astronomy and Astrophysics	POLY	Polytechnic School
CHR	Church Laboratory of Chemical Biology	PWL/BTH	Powell/Booth Laboratory
CNRB	Tianqiao and Chrissy Chen Neuroscience Research Building	REMOTE	
CRL	Crellin Chemistry Laboratory	SCH	Schlinger Laboratory
CSS	Center for Student Services	SFL	Sherman Fairchild Library
Caltech		SLN	Sloan Laboratory of Mathematics and Physics
DAB	Dabney Hall of Humanities	SMD	South Mudd Building of Geophysics and Planetary Sciences
DWN	Downs Physics Laboratory	SPL	Spaulding Laboratory of Chemical Engineering
FIR	Firestone Flight Science Laboratory	STL	Steele Laboratory of Electrical Engineering
GCL	Gates Chemical Laboratory	TCT	Theater Arts at Caltech (TACIT)
GTL	Gates-Thomas Engineering Laboratory	WAT	Watson Laboratory of Applied Physics
GUG	Guggenheim Laboratory	YHC	Young Health Center
HAM	Hameetman Center		

TIMES/LOCATION/UNITS

A = Hours/Location to be Arranged

+ = Units to be Arranged

OM = Organizational Meeting

GRADING SCHEME

G = Grades Only

P = Pass/Fail Only

Blank = Grades/may exercise P/F

DAYS OF THE WEEK

M = Monday

T = Tuesday

W = Wednesday

R = Thursday

F = Friday

S = Saturday

U = Sunday

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
AEROSPACE							
Ae 100	+	Research in Aerospace	01	Culick, F	A	A	P
			02	McKeon, B	A	A	P
			03	Chung, S	A	A	P
			04	Leonard, A	A	A	P
			05	Pellegrino, S	A	A	P
			06	Blanquart, G	A	A	P
			07	Shepherd, J	A	A	P
			08	Gharib, M	A	A	P
			09	Meiron, D	A	A	P
			10	Bae, H	A	A	P
			11	Austin, J	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Rosakis, A	TR 09:00 - 10:25	135 GTL	G
Ae 103A	3-0-6	Aerospace Control Systems	01	Rahmani, A	MW 14:30 - 15:55	232 GUG	
Ae/APh 104A	3-0-6	Experimental Methods	01	Gharib, M	MWF 11:00 - 11:55	232 GUG	G
Ae 105A	3-0-6	Space Engineering	01	Campagnola, S	TR 14:30 - 15:55	133 GUG	
Ae/ME 118	3-0-6	Classical Thermodynamics <i>taught concurrently with APh/MS 105A</i>	01	Minnich, A	TR 14:30 - 15:55	115 GTL	P
Ae 121A	3-0-6	Space Propulsion	01	Polk, J	TR 13:00 - 14:25	232 GUG	
Ae 150A	1-0-0	Aerospace Engineering Seminar	01	Austin, J	M 13:00 - 13:55	133 GUG	P
EE/Ae 157A	3-0-6	Introduction to the Physics of Remote Sensing	01	Rosen, P	TR 14:30 - 15:55	142 KCK	

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AEROSPACE							
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>taught concurrently with Ae/AM/CE/ME 102A</i>	01	Rosakis, A	TR 09:00 - 10:25	135 GTL	
Ae 200	+	Advanced Research in Aerospace	01	Bhattacharya, K	A	A	P
			02	McKeon, B	A	A	P
			03	Blake, G	A	A	P
			04	Dimotakis, P	A	A	P
			05	Gharib, M	A	A	P
			06	Hornung, H	A	A	P
			07	Leonard, A	A	A	P
			08	Daraio, C	A	A	P
			09	Ortiz, M	A	A	P
			10	Pellegrino, S	A	A	P
			11	Pullin, D	A	A	P
			12	Ravichandran, G	A	A	P
			13	Rosakis, A	A	A	P
			14	Chung, S	A	A	P
			15	Colonus, T	A	A	P
			16	Shepherd, J	A	A	P
			17	Blanquart, G	A	A	P
			18	Lapusta, N	A	A	P
			19	Trojan, S	A	A	P
			20	Schneider, T	A	A	P
			21	Greer, J	A	A	P
			22	Andrade, J	A	A	P
			23	Kochmann, D	A	A	P
			24	Gurnis, M	A	A	P
			25	Minnich, A	A	A	P
			26	Johnson, J	A	A	P
			27	Murray, R	A	A	P
			28	Austin, J	A	A	P
			29	Kulkarni, S	A	A	P
			30	Burdick, J	A	A	P
			31	Asimaki, D	A	A	P

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AEROSPACE							
Ae 200	+	Advanced Research in Aerospace	32	Mawet, D	A	A	P
			33	Heaton, T	A	A	P
			34	Meiron, D	A	A	P
			35	Hunt, M	A	A	P
			36	Dickinson, M	A	A	P
			37	Dabiri, J	A	A	P
			38	Bae, H	A	A	P
			39	Kornfield, J	A	A	P
			Ae 201A	3-0-6	Advanced Fluid Mechanics <i>class cancelled, will be offered spring term</i>	01	Pullin, D
Ae 208A	1-0-0	GALCIT Colloquium	01	Dabiri, J	F 15:00 - 15:55	133 GUG	P
Ae 220	3-0-6	Theory of Structures	01	Pellegrino, S	OM,T 13:00 - 13:55	384 FIR	
Ae/ACM/ME 232A	3-0-6	Computational Fluid Dynamics	01	Bae, H	MWF 14:00 - 14:55	384 FIR	
Ae 233	3-0-6	Hydrodynamic Stability	01	McKeon, B	TR 10:30 - 11:55	384 FIR	
Ae 240	+	Special Topics in Fluid Mechanics	01	Austin, J	A	A	P
Ae 241	+	Special Topics In Experimental Fluid And Solid Mechanics <i>OM will meet Wednesday, October 5th at 1pm in GUG 232</i>	01	Ermanni, P	OM,W 13:00 - 13:55	232 GUG	P
ANTHROPOLOGY							
An 097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
An/PS 127	3-0-6	Corruption <i>maximum enrollment: 10 students // Designated</i>	01	Ensminger, J	MW 14:30 - 15:55	128 BAX	G

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APPLIED & COMPUTATIONAL MATH							
ACM080A	+	Undergraduate Thesis	01	Saito, K	A	A	P
			02	Bruno, O	A	A	P
			03	Anandkumar, A	A	A	P
ACM081A	+	Undergraduate Projects in Applied and Computational Mathematics	01	Wierman, A	A	A	P
			02	Anandkumar, A	A	A	P
			03	Bruno, O	A	A	P
ACM/IDS 101A	4-4-4	Methods of Applied Mathematics	01	Bruno, O	TR 14:30 - 16:25	213 ANB	
ACM/IDS 104	3-1-5	Applied Linear Algebra <i>Ma 1abc prerequisite enforced</i>	01	Zuev, K	TR 10:30 - 11:55	119 KRK	
ACM/EE 106A	3-0-9	Introductory Methods of Computational Mathematics	01	Hou, Y	TR 13:00 - 14:25	104 ANB	
CMS/ACM/IDS 107	3-0-9	Linear Analysis with Applications	01	Stuart, A	TR 09:00 - 10:25	213 ANB	
ACM/EE/IDS 116	3-1-5	Introduction to Probability Models <i>Ma 3 or EE 55 prerequisite enforced</i>	01	Zuev, K	TR 09:00 - 10:25	119 KRK	
CMS/ACM 117	4-0-8	Probability Theory and Stochastic Processes	01	Tropp, J	M 14:30 - 15:55	213 ANB	
					TR 10:30 - 11:55	213 ANB	
CMS/ACM/EE 122	3-0-9	Mathematical Optimization	01	Chandrasekaran, V	MWF 10:00 - 11:25	105 ANB	
ACM190	+	Reading and Independent Study	01	Hou, Y	A	A	P
			02	Hassibi, B	A	A	P
			03	Espanol, M	A	A	P
			04	Heaton, T	A	A	P
			05	Owhadi, H	A	A	P
			06	Desbrun, M	A	A	P
			07	Bruno, O	A	A	P
			08	Stuart, A	A	A	P
Ae/ACM/ME 232A	3-0-6	Computational Fluid Dynamics	01	Bae, H	MWF 14:00 - 14:55	384 FIR	

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APPLIED & COMPUTATIONAL MATH							
ACM300	+	Research in Applied and Computational Mathematics	01	Bruno, O	A	A	P
			02	Chandrasekaran, V	A	A	P
			03	Desbrun, M	A	A	P
			04	Hou, Y	A	A	P
			05	Beck, J	A	A	P
			06	Meiron, D	A	A	P
			07	Pierce, N	A	A	P
			08	Schroeder, P	A	A	P
			09	Owhadi, H	A	A	P
			10	Tropp, J	A	A	P
			12	Hassibi, B	A	A	P
			13	Stuart, A	A	A	P
			14	Graber, T	A	A	P
			APPLIED MECHANICS				
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Rosakis, A	TR 09:00 - 10:25	135 GTL	G
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	135 GTL	P
AM 200	+	Advanced Work in Applied Mechanics	01	Staff	A	A	P
AM 201	3-0-6	Advanced Topics in Applied Mechanics: Data-intensive methods in mechanics and materials <i>class cancelled</i>	01	Bhattacharya, K	A	A	G
AM 300	+	Research in Applied Mechanics	01	Lapusta, N	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
			07	Phillips, R	A	A	P
			08	Ravichandran, G	A	A	P
			09	Fu, X	A	A	P

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APPLIED MECHANICS							
AM 300	+	Research in Applied Mechanics	10	Greer, J	A	A	P
APPLIED PHYSICS							
APh/EE 009	2-2-2	Solid-State Electronics for Integrated Circuits	01	Scherer, A	TR 13:00 - 13:55	B280 MRE	
APh078A	0-9-0	Senior Thesis, Experimental	01	Painter, O	A	A	G
			02	Vahala, K	A	A	G
			03	Atwater, H	A	A	G
			04	Scherer, A	A	A	G
			05	Bellan, P	A	A	G
			06	Phillips, R	A	A	G
			07	Troian, S	A	A	G
			08	Faraon, A	A	A	G
			09	Lewis, N	A	A	G
			10	Yung, Y	A	A	G
			11	Schwab, K	A	A	G
			12	Endres, M	A	A	G
			13	Hajimiri, S	A	A	G
			14	Fultz, B	A	A	G
APh079A	0-9-0	Senior Thesis, Theoretical	01	Troian, S	A	A	G
			02	Kimble, H	A	A	G
			03	Fultz, B	A	A	G
APh100	+	Advanced Work in Applied Physics	01	Phillips, R	A	A	P
			02	Vahala, K	A	A	P
			03	Scherer, A	A	A	P
			04	Troian, S	A	A	P
			05	Faraon, A	A	A	P
			06	Atwater, H	A	A	P
			07	Roukes, M	A	A	P
			08	Choo, H	A	A	P
			09	Minnich, A	A	A	P

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APPLIED PHYSICS							
APh100	+	Advanced Work in Applied Physics	10	Painter, O	A	A	P
			11	Desbrun, M	A	A	P
			12	Bellan, P	A	A	P
			13	Falson, J	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	133 GUG	G
Ae/APh 104A	3-0-6	Experimental Methods	01	Gharib, M	MWF 11:00 - 11:55	232 GUG	G
APh/MS 105A	3-0-6	States of Matter <i>taught concurrently with Ae/ME 118</i>	01	Minnich, A	TR 14:30 - 15:55	115 GTL	
APh/EE 109	0-6-3	Introduction to the Micro/Nanofabrication Lab	01	Ghaffari, A	M 19:00 - 19:55	104 WAT	
APh110	2-0-0	Topics in Applied Physics	01	Bellan, P	M 12:00 - 12:55	104 WAT	P
APh114A	3-0-6	Solid-State Physics	01	Schwab, K	MWF 09:00 - 09:55	104 WAT	
EE/APh 123	1-3-5	Advanced Lasers and Photonics Laboratory <i>Mandatory information session on Wed. 9/28 at 1:00pm in B280 MRE. Attending the session is mandatory for enrollment.</i>	01	Marandi, A	M 11:00 - 11:55 OM,W 13:00 - 13:55	142 KCK B280 MRE	G
APh/EE 130	3-0-6	Electromagnetic Theory	01	Faraon, A	TR 13:00 - 14:25	104 WAT	
Ph/APh 137A	3-0-6	Atoms and Photons	01	Hutzler, N	TR 10:30 - 11:55	103 DWN	
APh156A	3-0-6	Plasma Physics <i>Make-up class on Fridays, 2:30-4pm in 104 Watson</i>	01	Bellan, P	MW 14:30 - 15:55	104 WAT	
EE/APh 180	3-0-3	Nanotechnology	01	Scherer, A	TR 14:30 - 15:55	B280 MRE	

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APPLIED PHYSICS							
APh200	+	Applied Physics Research	01	Atwater, H	A	A	P
			02	Desbrun, M	A	A	P
			03	Bellan, P	A	A	P
			04	Snyder, G	A	A	P
			05	Troian, S	A	A	P
			06	Fultz, B	A	A	P
			07	Johnson, W	A	A	P
			08	Chen, Y	A	A	P
			09	Minnich, A	A	A	P
			10	Refael, G	A	A	P
			11	Goddard, W	A	A	P
			12	Faraon, A	A	A	P
			13	Hsieh, D	A	A	P
			14	Preskill, J	A	A	P
			15	Faraon, A	A	A	P
			16	Yang, C	A	A	P
			17	Alicea, J	A	A	P
			18	Gharib, M	A	A	P
			19	Bernardi, M	A	A	P
			20	Painter, O	A	A	P
			21	Phillips, R	A	A	P
			22	Nad Perge, S	A	A	P
			23	Kimble, H	A	A	P
			24	Roukes, M	A	A	P
			25	Hutzler, N	A	A	P
			26	Scherer, A	A	A	P
			27	Bock, J	A	A	P
			28	Rosenbaum, T	A	A	P
			29	Yeh, N	A	A	P
			30	Schneider, T	A	A	P
			31	Vahala, K	A	A	P
			32	Yariv, A	A	A	P
			33	Motrunich, O	A	A	P

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APh200	+	Applied Physics Research	34	Adhikari, R	A	A	P
			35	Endres, M	A	A	P
			36	Elowitz, M	A	A	P
			37	Cushing, S	A	A	P
			38	Falson, J	A	A	P
			41	Schwab, K	A	A	P
			42	Lewis, N	A	A	P
			43	Spiropulu, M	A	A	P
			44	Daraio, C	A	A	P
			45	Marandi, A	A	A	P
			46	Mirhosseini, M	A	A	P
			47	Chan, G	A	A	P
			APh300	+	Thesis Research in Applied Physics	01	Atwater, H
02	Fultz, B	A				A	P
03	Bellan, P	A				A	P
04	Snyder, G	A				A	P
05	Yariv, A	A				A	P
06	Johnson, W	A				A	P
07	Flagan, R	A				A	P
08	Troian, S	A				A	P
09	Painter, O	A				A	P
10	Desbrun, M	A				A	P
11	Hsieh, D	A				A	P
12	Faraon, A	A				A	P
13	Bhattacharya, K	A				A	P
14	Faber, K	A				A	P
15	Phillips, R	A				A	P
16	Daraio, C	A	A	P			
17	Bernardi, M	A	A	P			
18	Roukes, M	A	A	P			
19	Hutzler, N	A	A	P			
20	Scherer, A	A	A	P			
21	Rosenbaum, T	A	A	P			

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APPLIED PHYSICS							
APh300	+	Thesis Research in Applied Physics	22	Marandi, A	A	A	P
			24	Vahala, K	A	A	P
			25	Nad Perge, S	A	A	P
			27	Painter, O	A	A	P
			28	Schwab, K	A	A	P
			29	Chen, Y	A	A	P
			30	Minnich, A	A	A	P
			31	Schneider, T	A	A	P
ASTROPHYSICS							
Ay 020	3-1-5	Basic Astronomy and the Galaxy	01	Kasliwal, M	TR 13:00 - 14:25	Hameetman Aud CHL	
Ay 030	2-0-1	Introduction to Modern Research	01	Ravi, V	T 19:00 - 20:55	219 CHL	P
Ay 043	+	Reading in Astronomy and Astrophysics	01	Staff	A	A	P
Ay 078A	9-0-0	Senior Thesis	01	Bock, J	A	A	
			02	Djorgovski, S	A	A	
			03	Fuller, J	A	A	
			04	Hallinan, G	A	A	
			05	Harrison, F	A	A	
			06	Hillenbrand, L	A	A	
			07	Hopkins, P	A	A	
			08	Howard, A	A	A	
			09	Kasliwal, M	A	A	
			10	Kirby, E	A	A	
			11	Knutson, H	A	A	
			12	Kulkarni, S	A	A	
			13	Martin, C	A	A	
			14	Mawet, D	A	A	
			15	Phinney, E	A	A	
			16	Prince, T	A	A	

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ASTROPHYSICS							
Ay 078A	9-0-0	Senior Thesis	17	Sargent, A	A	A	
			18	Steidel, C	A	A	
			19	Zmuidzinas, J	A	A	
			20	Ravi, V	A	A	
Ay 101	3-0-6	Physics of Stars	01	Hillenbrand, L	MWF 15:00 - 15:55	219 CHL	
Ay 111A	1-0-0	Introduction to Current Astrophysics Research	01	Hopkins, P	F 11:00 - 11:55	219 CHL	P
Ay 121	3-0-6	Radiative Processes	01	Phinney, E	TR 10:30 - 11:55	219 CHL	
Ay 122A	3-0-6	Astronomical Measurements and Instrumentation	01	Howard, A / Steidel, C	TR 13:00 - 14:25	219 CHL	
Ay 127	3-0-6	Astrophysical Cosmology	01	Hopkins, P	MW 10:30 - 11:55	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	
Ay 141A	1-0-2	Research Conference in Astronomy	01	Kasliwal, M	F 16:00 - 16:55	Hameetman Aud CHL	P
Ay 142	+	Research in Astronomy and Astrophysics	01	Bock, J	A	A	P
			02	Djorgovski, S	A	A	P
			03	Fuller, J	A	A	P
			04	Hallinan, G	A	A	P
			05	Harrison, F	A	A	P
			06	Hillenbrand, L	A	A	P
			07	Hopkins, P	A	A	P
			08	Howard, A	A	A	P
			09	Kasliwal, M	A	A	P
			10	Kirby, E	A	A	P
			11	Knutson, H	A	A	P
			12	Kulkarni, S	A	A	P

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ASTROPHYSICS							
Ay 142	+	Research in Astronomy and Astrophysics	13	Martin, C	A	A	P
			14	Mawet, D	A	A	P
			15	Phinney, E	A	A	P
			16	Prince, T	A	A	P
			17	Sargent, A	A	A	P
			18	Steidel, C	A	A	P
			19	Zmuidzinas, J	A	A	P
			20	Hopkins, P	A	A	P
			21	Batygin, K	A	A	P
			22	Blake, G	A	A	P
			23	Ravi, V	A	A	P
			24	Readhead, A	A	A	P
			25	Golwala, S	A	A	P
Ay 143	+	Reading and Independent Study	01	Bock, J	A	A	P
			02	Djorgovski, S	A	A	P
			03	Fuller, J	A	A	P
			04	Hallinan, G	A	A	P
			05	Harrison, F	A	A	P
			06	Hillenbrand, L	A	A	P
			07	Hopkins, P	A	A	P
			08	Howard, A	A	A	P
			09	Kasliwal, M	A	A	P
			10	Kirby, E	A	A	P
			11	Knutson, H	A	A	P
			12	Kulkarni, S	A	A	P
			13	Martin, C	A	A	P
14	Mawet, D	A	A	P			
15	Phinney, E	A	A	P			
16	Prince, T	A	A	P			
17	Sargent, A	A	A	P			
18	Steidel, C	A	A	P			
19	Zmuidzinas, J	A	A	P			
20	Batygin, K	A	A	P			

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ASTROPHYSICS							
Ay 143	+	Reading and Independent Study	21	Blake, G	A	A	P
			22	Golwala, S	A	A	P
Ay 144	+	Independent Writing in Astronomy	01	Batygin, K	A	A	P
			02	Blake, G	A	A	P
			03	Bock, J	A	A	P
			04	Brown, M	A	A	P
			05	Chang, T	A	A	P
			06	Djorgovski, S	A	A	P
			07	Dore, O	A	A	P
			08	Fuller, J	A	A	P
			09	Golwala, S	A	A	P
			10	Hallinan, G	A	A	P
			11	Harrison, F	A	A	P
			12	Hillenbrand, L	A	A	P
			13	Hopkins, P	A	A	P
			14	Howard, A	A	A	P
			15	Kasliwal, M	A	A	P
			16	Kirby, E	A	A	P
			17	Knutson, H	A	A	P
			18	Kulkarni, S	A	A	P
			19	Martin, C	A	A	P
			20	Mawet, D	A	A	P
			21	Phinney, E	A	A	P
			22	Prince, T	A	A	P
			23	Ravi, V	A	A	P
			24	Readhead, A	A	A	P
			25	Rogers, L	A	A	P
			26	Sargent, A	A	A	P
			27	Scoville, N	A	A	P
			28	Soifer, B	A	A	P
			29	Steidel, C	A	A	P
			30	Stevenson, D	A	A	P
			31	Zmuidzinas, J	A	A	P

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ASTROPHYSICS							
Ay 211	3-0-6	Contemporary Extragalactic Astronomy	01	Hopkins, P / Steidel, C	A	A	
BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
Ch/BMB 129	3-0-6	Introduction to Biophotonics	01	Wei, L	M 13:00 - 14:55	151 CRL	
BMB/Bi/Ch 174	3-0-3	Advanced Topics in Biochemistry and Molecular Biophysics	01	Semlow, D / Chong, S	MW 12:00 - 13:25	320 BRN	
BMB/Ch 178	3-0-6	Macromolecular Function: Kinetics, Energetics, and Mechanisms	01	Shan, S	WF 10:30 - 11:55	101 SCH	
BMB/Ch 202A	1-0-0	Biochemistry Seminar Course	01	Clemons, W	R 12:00 - 12:55	320 BRN	P
Bi/BMB 251A	1-0-0	Current Research in Cellular and Molecular Biology	01	Hay, B	W 12:00 - 12:55	119 KRK	P
BMB299	+	Graduate Research	01	Arnold, F	A	A	P
			02	Bjorkman, P	A	A	P
			03	Hoelz, A	A	A	P
			04	Campbell, J	A	A	P
			05	Phillips, R	A	A	P
			06	Thomson, M	A	A	P
			07	Dervan, P	A	A	P
			08	Dougherty, D	A	A	P
			09	Fraser, S	A	A	P
			10	Goddard, W	A	A	P
			11	Hsieh-Wilson, L	A	A	P
			12	Jensen, G	A	A	P
			13	Baltimore, D	A	A	P
			14	Davis, M	A	A	P
			15	Mayo, S	A	A	P
			16	Parker, C	A	A	P
			17	Hay, B	A	A	P

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BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB299	+	Graduate Research	18	Leadbetter, J	A	A	P
			19	Chan, D	A	A	P
			20	Cai, L	A	A	P
			21	Newman, D	A	A	P
			22	Kennedy, M	A	A	P
			23	Elowitz, M	A	A	P
			24	Chan, D	A	A	P
			25	Lester, H	A	A	P
			26	Sternberg, P	A	A	P
			27	Meyerowitz, E	A	A	P
			28	Shan, S	A	A	P
			29	Wold, B	A	A	P
			30	Dunphy, W	A	A	P
			31	Heath, J	A	A	P
			32	Gray, H	A	A	P
			33	Gharib, M	A	A	P
			34	Rees, D	A	A	P
			35	Tirrell, D	A	A	P
			36	Barton, J	A	A	P
			37	Clemons, W	A	A	P
			38	Leadbetter, J	A	A	P
			39	Murray, R	A	A	P
			40	Mazmanian, S	A	A	P
			41	Baltimore, D	A	A	P
			42	Wang, Z	A	A	P
			43	Pierce, N	A	A	P
			44	Roukes, M	A	A	P
			45	Gray, H	A	A	P
			46	Varshavsky, A	A	A	P
			47	Goentoro, L	A	A	P
			48	Greer, J	A	A	P
			49	Anderson, D	A	A	P
			50	Hoelz, A	A	A	P

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BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB299	+	Graduate Research	51	Deshaies, R	A	A	P
			52	Rothenberg, E	A	A	P
			53	Meister, M	A	A	P
			54	Shapiro, M	A	A	P
			55	Ismagilov, R	A	A	P
			56	Miller, T	A	A	P
			57	Guttman, M	A	A	P
			58	Zinn, K	A	A	P
			59	Ondrus, A	A	A	P
			60	Rothemund, P	A	A	P
			61	Voorhees, R	A	A	P
			62	Winfrey, E	A	A	P
			63	Pachter, L	A	A	P
			64	Dunphy, W	A	A	P
			65	Semlow, D	A	A	P
			66	Parker, J	A	A	P
			67	Chong, S	A	A	P
			68	Stathopoulos, A	A	A	P
			69	Wang, K	A	A	P
BIOENGINEERING							
BE 001	1-0-0	Frontiers in Bioengineering	01	Bois, J	F 09:00 - 09:55	100 CNRB	P
BE 098	+	Undergraduate Research in Bioengineering <i>If your research advisor does not appear below, please contact the Office of the Registrar.</i>	01	Arnold, F	A	A	P
			02	Qian, L	A	A	P
			03	Burdick, J	A	A	P
			04	Sternberg, P	A	A	P
			05	Kennedy, M	A	A	P
			06	Shan, S	A	A	P
			07	Gharib, M	A	A	P
			08	Hajimiri, S	A	A	P
			09	Aravin, A	A	A	P
			10	Lester, H	A	A	P

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BIOENGINEERING							
BE 098	+	Undergraduate Research in Bioengineering <i>If your research advisor does not appear below, please contact the Office of the Registrar.</i>	11	Gradinaru, V	A	A	P
			12	Pierce, N	A	A	P
			13	Mayo, S	A	A	P
			14	Ponce, A	A	A	P
			15	Yue, Y	A	A	P
			16	Roukes, M	A	A	P
			17	Scherer, A	A	A	P
			18	Tai, Y	A	A	P
			19	Tirrell, D	A	A	P
			20	Yang, C	A	A	P
			21	Ondrus, A	A	A	P
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			26	Leadbetter, J	A	A	P
			27	Winfrey, E	A	A	P
			30	Kornfield, J	A	A	P
			31	Baltimore, D	A	A	P
			32	Shimojo, S	A	A	P
			33	Dervan, P	A	A	P
			34	Guttman, M	A	A	P
			35	Bjorkman, P	A	A	P
			36	Ismagilov, R	A	A	P
			37	Oka, Y	A	A	P
			38	Shapiro, M	A	A	P
			39	Thomson, M	A	A	P
40	Dickinson, M	A	A	P			
41	Van Valen, D	A	A	P			
42	Meister, M	A	A	P			
43	Wang, K	A	A	P			
44	Chou, T	A	A	P			
45	Bronner Hansen, M	A	A	P			
BE 099A	+	Senior Thesis in Bioengineering	01	Murray, R	A	A	P
			02	Gradinaru, V	A	A	P

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BIOENGINEERING										
BE 099A	+	Senior Thesis in Bioengineering	03	Elowitz, M	A	A	P			
			04	Shapiro, M	A	A	P			
BE/Bi 103A	1-3-5	Introduction to Data Analysis in the Biological Sciences	01	Bois, J	M 13:00 - 15:55 W 09:00 - 09:55	130 CNRB 100 CNRB				
			02	Bois, J	M 13:00 - 15:55 W 10:00 - 10:55	130 CNRB 100 CNRB				
			03	Bois, J	M 19:00 - 21:55 W 09:00 - 09:55	130 CNRB 100 CNRB				
			04	Bois, J	M 19:00 - 21:55 W 10:00 - 10:55	130 CNRB 100 CNRB				
			05	Bois, J	M 09:00 - 11:55 W 09:00 - 09:55	130 CNRB 100 CNRB				
			06	Bois, J	M 09:00 - 11:55 W 10:00 - 10:55	130 CNRB 100 CNRB				
			BE/ChE 163	3-0-9	Introduction to Biomolecular Engineering	01	Pierce, N / Mayo, S	TR 13:00 - 14:25	100 CNRB	
			BE/EE/MedE 189A	3-6-3	Design and Construction of Biodevices <i>maximum enrollment: 24 students</i>	01	Bois, J	TR 10:30 - 11:55	B127 KRK	
BE/Bi/CNS/NB 197	+	Mentoring and Outreach	01	Bjorkman, P	A	A	P			
BE 200	+	Research in Bioengineering	01	Arnold, F	A	A	P			
			02	Phillips, R	A	A	P			
			03	Burdick, J	A	A	P			
			04	Goddard, W	A	A	P			
			05	Dervan, P	A	A	P			
			06	Hong, E	A	A	P			
			07	Gharib, M	A	A	P			
			08	Hajimiri, S	A	A	P			
			09	Daraio, C	A	A	P			
			10	Lester, H	A	A	P			
			11	Cai, L	A	A	P			

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BIOENGINEERING							
BE 200	+	Research in Bioengineering	12	Pierce, N	A	A	P
			13	Gradinaru, V	A	A	P
			14	Ponce, A	A	A	P
			15	Troian, S	A	A	P
			16	Roukes, M	A	A	P
			17	Scherer, A	A	A	P
			18	Tai, Y	A	A	P
			19	Tirrell, D	A	A	P
			20	Yang, C	A	A	P
			21	Baltimore, D	A	A	P
			22	Guttman, M	A	A	P
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			25	Kornfield, J	A	A	P
			26	Leadbetter, J	A	A	P
			27	Winfree, E	A	A	P
			28	Meister, M	A	A	P
			29	Bjorkman, P	A	A	P
			30	Shimojo, S	A	A	P
			31	Shapiro, M	A	A	P
			32	Sternberg, P	A	A	P
			33	Rothmund, P	A	A	P
			34	Anderson, D	A	A	P
			35	Goentoro, L	A	A	P
			36	Andersen, R	A	A	P
			37	Qian, L	A	A	P
			38	Dickinson, M	A	A	P
			39	Mayo, S	A	A	P
			40	Greer, J	A	A	P
			41	Thomson, M	A	A	P
			42	Pachter, L	A	A	P
			43	Mazmanian, S	A	A	P
			44	Lois, C	A	A	P

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BIOENGINEERING							
BE 200	+	Research in Bioengineering	45	Wang, K	A	A	P
			46	Ismagilov, R	A	A	P
			47	Van Valen, D	A	A	P
			48	Adolphs, R	A	A	P
			49	Rutishauser, U	A	A	P
			50	Chan, D	A	A	P
			51	Fischer, W	A	A	P
			52	Meyerowitz, E	A	A	P
			53	Fejes Toth, K	A	A	P
			54	Rothenberg, E	A	A	P
			55	Daraio, C	A	A	P
			56	Demirer, G	A	A	P
			57	Emami, A	A	A	P
			BE 267	1-0-0	Research Topics in Bioengineering <i>Required for first year grad students in BE //</i> <i>Roll will be taken at each meeting</i>	01	Cai, L
BIOLOGY							
Bi 002	1-0-2	Current Research in Biology <i>open to incoming first-year students only</i>	01	Elowitz, M	T 12:00 - 12:55	119 KRK	P
Bi 021	+	Undergraduate Research with Presentation <i>minimum 12 units per term</i>	01	Dunphy, W	A	A	P
Bi 022	+	Undergraduate Research	01	Adolphs, R	A	A	P
			02	Bronner Hansen, M	A	A	P
			03	Allman, J	A	A	P
			04	Campbell, J	A	A	P
			05	Lester, H	A	A	P
			06	Bjorkman, P	A	A	P
			07	Arnold, F	A	A	P
			08	Rothenberg, E	A	A	P
			09	Varshavsky, A	A	A	P
			10	Sternberg, P	A	A	P

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BIOLOGY							
Bi 022	+	Undergraduate Research	11	Fraser, S	A	A	P
			12	Meyerowitz, E	A	A	P
			13	Kennedy, M	A	A	P
			14	Mazmanian, S	A	A	P
			15	Winfree, E	A	A	P
			16	Thomson, M	A	A	P
			17	Orphan, V	A	A	P
			18	Shapiro, M	A	A	P
			19	Van Valen, D	A	A	P
			20	Andersen, R	A	A	P
			24	Wold, B	A	A	P
			32	Goddard, W	A	A	P
			33	Elowitz, M	A	A	P
			37	Stathopoulos, A	A	A	P
			38	Chan, D	A	A	P
			39	Stevenson, D	A	A	P
			40	Parker, C	A	A	P
			41	Hay, B	A	A	P
			43	Shimojo, S	A	A	P
			44	Sauka-Spengler, T	A	A	P
			45	Clemons, W	A	A	P
			46	Baltimore, D	A	A	P
			47	Tirrell, D	A	A	P
			48	Anderson, D	A	A	P
			52	Prober, D	A	A	P
			53	Newman, D	A	A	P
			54	Gradinaru, V	A	A	P
			55	Guttman, M	A	A	P
			56	Meister, M	A	A	P
			57	Goentoro, L	A	A	P
			58	Stevenson, D	A	A	P
			60	Hsiao, E	A	A	P
			61	Shan, S	A	A	P

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BIOLOGY							
Bi 022	+	Undergraduate Research	62	Cai, L	A	A	P
			63	Pachter, L	A	A	P
			64	Wei, L	A	A	P
			65	Ondrus, A	A	A	P
			66	Wang, K	A	A	P
			67	Parker, J	A	A	P
			68	Chou, T	A	A	P
			69	Dunphy, W	A	A	P
			70	Zernicka-Goetz, M	A	A	P
			Bi 090A	+	Undergraduate Thesis	01	Kennedy, M / Lester, H
03	Kennedy, M / Sternberg, P	A				A	P
04	Kennedy, M / Davis, M	A				A	P
05	Kennedy, M / Newman, D	A				A	P
06	Kennedy, M / Baltimore, D	A				A	P
07	Kennedy, M / Fejes Toth, K	A				A	P
08	Kennedy, M / Anderson, D	A				A	P
09	Kennedy, M / Hong, E	A				A	P
10	Kennedy, M / Gradinaru, V	A				A	P
11	Kennedy, M / Rothenberg, E	A				A	P
12	Kennedy, M / Doyle, J	A				A	P
13	Kennedy, M / Wold, B	A				A	P
14	Kennedy, M / Mazmanian, S	A				A	P
15	Kennedy, M / Siapas, A	A				A	P
16	Kennedy, M / Hsieh-Wilson, L	A				A	P
Bi 090B	+	Undergraduate Thesis				01	Kennedy, M / Bronner Hansen, M
			02	Kennedy, M / Hong, E	A	A	P

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BIOLOGY							
BE/Bi 103A	1-3-5	Introduction to Data Analysis in the Biological Sciences	01	Bois, J	M 13:00 - 15:55 W 09:00 - 09:55	130 CNRB 100 CNRB	
			02	Bois, J	M 13:00 - 15:55 W 10:00 - 10:55	130 CNRB 100 CNRB	
			03	Bois, J	M 19:00 - 21:55 W 09:00 - 09:55	130 CNRB 100 CNRB	
			04	Bois, J	M 19:00 - 21:55 W 10:00 - 10:55	130 CNRB 100 CNRB	
			05	Bois, J	M 09:00 - 11:55 W 09:00 - 09:55	130 CNRB 100 CNRB	
			06	Bois, J	M 09:00 - 11:55 W 10:00 - 10:55	130 CNRB 100 CNRB	
			Ch/Bi 110A	4-0-8	Introduction to Biochemistry	01	Clemons, W / Rees, D
Bi 122	3-0-6	Genetics <i>no time conflicts are permitted</i>	01	Hay, B	TR 13:00 - 14:25	119 KRK	G
Bi 145A	3-0-6	Tissue and Organ Physiology	01	Tydell, C	MW 19:00 - 20:25	152 BRN	
NB/Bi/CNS 152	2-0-4	Neural Circuits and Physiology of Homeostatic Regulation <i>Class will not meet on 9/27/22, first class meeting will be 10/4/22</i>	01	Oka, Y	T 09:00 - 10:55	B101 BBB	
NB/Bi/CNS 162	2-4-6	Cellular and Systems Neuroscience Laboratory <i>maximum enrollment: 15 student // section 2 cancelled</i>	01	Bremner, L	R 13:00 - 16:25	B160 CHR	
NB/Bi/CNS 164	3-0-6	Tools of Neurobiology	01	Meister, M / Rutishauser, U	WF 13:00 - 14:25	B101 BBB	
ESE/Bi 166	3-1-5	Microbial Physiology	01	Leadbetter, J	MWF 09:00 - 09:55	251 ARM	
BMB/Bi/Ch 174	3-0-3	Advanced Topics in Biochemistry and Molecular Biophysics	01	Semlow, D / Chong, S	MW 12:00 - 13:25	320 BRN	

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BIOLOGY							
Bi 192	2-0-4	Introduction to Systems Biology <i>class cancelled</i>	01	Staff	A	A	
Bi/CNS/NB 195	3-0-6	Mathematics in Biology	01	Thomson, M	TR 10:30 - 11:55	100 CNRB	
BE/Bi/CNS/NB 197	+	Mentoring and Outreach	01	Bjorkman, P	A	A	P
NB/Bi/CNS 216	2-0-4	Behavior of Mammals <i>class cancelled</i>	01	Staff	A	A	G
NB/Bi/CNS 217	2-0-4	Central Mechanisms in Perception	01	Allman, J	F 14:00 - 15:55	BBE Tent Caltech Hall	
Ge/ESE/Bi 248	2-0-4	Environmental Justice <i>taught concurrently with Hum 61, maximum enrollment: 15 students</i>	01	Orphan, V / Mushkin, H	T 13:00 - 14:55	151 ARM	
Bi 250A	3-0-6	Topics in Molecular and Cellular Biology	01	Voorhees, R / Aravin, A	TR 14:30 - 15:55	152 BRN	P
Bi/BMB 251A	1-0-0	Current Research in Cellular and Molecular Biology	01	Hay, B	W 12:00 - 12:55	119 KRK	P
Bi 252	2-0-2	Responsible Conduct of Research	01	Sternberg, P / Meyerowitz, E	M 14:00 - 15:55	100 CNRB	P
Bi 299	+	Graduate Research	01	Kirschvink, J	A	A	P
			02	Ondrus, A	A	A	P
			03	Allman, J	A	A	P
			04	Anderson, D	A	A	P
			05	Arnold, F	A	A	P
			06	Qian, L	A	A	P
			07	Pierce, N	A	A	P
			08	Bjorkman, P	A	A	P
			09	Bronner Hansen, M	A	A	P
			10	Campbell, J	A	A	P
			11	Chan, D	A	A	P

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BIOLOGY							
Bi 299	+	Graduate Research	12	Thomson, M	A	A	P
			13	Pachter, L	A	A	P
			14	Camerer, C	A	A	P
			15	Dunphy, W	A	A	P
			16	Baltimore, D	A	A	P
			17	Gharib, M	A	A	P
			18	Kennedy, M	A	A	P
			19	Orphan, V	A	A	P
			20	Hsieh-Wilson, L	A	A	P
			21	Cai, L	A	A	P
			22	Guo, C	A	A	P
			23	Mayo, S	A	A	P
			24	Goentoro, L	A	A	P
			25	Newman, D	A	A	P
			26	Meyerowitz, E	A	A	P
			27	Lois, C	A	A	P
			28	Newman, H	A	A	P
			29	Adolphs, R	A	A	P
			30	Shapiro, M	A	A	P
			31	Meister, M	A	A	P
			32	Oka, Y	A	A	P
			33	Ismagilov, R	A	A	P
			34	Shimojo, S	A	A	P
			35	Lester, H	A	A	P
			36	Sternberg, P	A	A	P
			37	Rothenberg, E	A	A	P
			38	Varshavsky, A	A	A	P
			39	Wold, B	A	A	P
			40	Zinn, K	A	A	P
			41	Jensen, G	A	A	P
			42	Heath, J	A	A	P
			43	Siapas, A	A	A	P
			44	Andersen, R	A	A	P

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BIOLOGY							
Bi 299	+	Graduate Research	45	Dickinson, M	A	A	P
			46	Leadbetter, J	A	A	P
			47	Winfree, E	A	A	P
			48	Tsao, D	A	A	P
			49	Prober, D	A	A	P
			50	Elowitz, M	A	A	P
			51	Stathopoulos, A	A	A	P
			52	Mazmanian, S	A	A	P
			53	Clemons, W	A	A	P
			54	Hay, B	A	A	P
			55	Aravin, A	A	A	P
			56	Dougherty, D	A	A	P
			57	Fejes Toth, K	A	A	P
			58	Murray, R	A	A	P
			59	Burdick, J	A	A	P
			60	Gradinaru, V	A	A	P
			61	Guttman, M	A	A	P
			62	Scherer, A	A	A	P
			63	Hong, E	A	A	P
			64	Phillips, R	A	A	P
			65	Doyle, J	A	A	P
			66	Van Valen, D	A	A	P
			67	Voorhees, R	A	A	P
			68	Parker, J	A	A	P
			69	Roukes, M	A	A	P
			70	Wang, K	A	A	P
			71	Shan, S	A	A	P
			72	Rees, D	A	A	P
			73	Fischer, W	A	A	P
			74	Zernicka-Goetz, M	A	A	P
			75	Peter Lashgari Faghani, I	A	A	P
			76	Schulman, L	A	A	P
			77	de Kleer, K	A	A	P

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BIOLOGY							
Bi 299	+	Graduate Research	79	Chong, S	A	A	P
			80	Pachter, L	A	A	P
BUSINESS, ECONOMICS, AND MANAGEMENT							
BEM097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
BEM102	3-0-6	Introduction to Accounting <i>BEM102 does not count toward the 108 unit HSS requirement // maximum enrollment: 22 students</i>	01	McAniff, P	TR 13:00 - 14:25	B125 BAX	
BEM105	3-0-6	Options	01	Cvitanic, J	TR 14:30 - 15:55	B125 BAX	
BEM109	3-0-6	Understanding China through Finance <i>maximum enrollment: 40 students // Designated as Writing Intensive for this term</i>	01	Sinclair, A	TR 10:30 - 11:55	B133 BAX	G
CHEMICAL ENGINEERING							
Ch/ChE 009	1-6-2	Chemical Synthesis and Characterization for Chemical Engineering <i>open by lottery only; see link on the REGIS home page to enter by May 18th // maximum enrollment: 10 students</i>	01	Mendez, J	TR 13:00 - 15:55 F 11:00 - 11:55	130 CHR B122 GCL	
ChE010	1-0-0	Introduction to Chemical Engineering	01	Vicic, M	T 12:00 - 12:55	BBE Tent Caltech Hall	P
ChE063A	3-0-6	Chemical Engineering Thermodynamics <i>sophomore standing required</i>	01	Flagan, R	MWF 14:00 - 14:55	106 SPL	
ChE070	+	Special Topics in Chemical Engineering: Chem-E Car	01	Brady, J / Vicic, M	OM,W 12:00 - 12:55	122 SPL	
ChE080	+	Undergraduate Research	01	Flagan, R	A	A	P
			02	Shapiro, M	A	A	P
			03	Fultz, B	A	A	P

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CHEMICAL ENGINEERING							
ChE080	+	Undergraduate Research	04	Lewis, N	A	A	P
			05	Davis, M	A	A	P
			07	Brady, J	A	A	P
			08	Agapie, T	A	A	P
			09	Greer, J	A	A	P
			33	Atwater, H	A	A	P
			34	Seinfeld, J	A	A	P
			35	Arnold, F	A	A	P
			36	Tirrell, D	A	A	P
			37	Kornfield, J	A	A	P
			38	Giapis, K	A	A	P
			39	Goddard, W	A	A	P
			40	Hoelz, A	A	A	P
ChE090A	+	Senior Thesis	01	Giapis, K	A	A	P
			02	Arnold, F	A	A	P
			03	Flagan, R	A	A	P
			04	Mayo, S	A	A	P
			05	Lewis, N	A	A	P
			06	Atwater, H	A	A	P
			07	Brady, J	A	A	P
			08	Ismagilov, R	A	A	P
			09	Tirrell, D	A	A	P
			10	Seinfeld, J	A	A	P
			11	Kornfield, J	A	A	P
			12	Wang, Z	A	A	P
			13	Callies, J	A	A	P
			14	Doyle, J	A	A	P
			15	Greer, J	A	A	P
			16	Clemons, W	A	A	P
ChE090C	+	Senior Thesis	01	Tirrell, D	A	A	P

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CHEMICAL ENGINEERING							
Ch/ChE 091	2-0-1	Scientific Writing	01	Parker, C	M 14:00 - 15:55	101 SCH	G
ChE103A	3-0-6	Transport Phenomena	01	Kornfield, J	MWF 10:00 - 10:55	106 SPL	
ChE126	1-6-2	Chemical Engineering Laboratory <i>Maximum Enrollment: 12 students per section // If unable to register, please contact instructor.</i>	01	Vicic, M	A	A	
			02	Vicic, M	MW 13:00 - 15:55	122 SPL	
			03	Vicic, M	TR 13:00 - 15:55	122 SPL	
ChE152	3-0-6	Heterogeneous Kinetics and Reaction Engineering	01	Giapis, K	TR 09:00 - 10:25	106 SPL	
BE/ChE 163	3-0-9	Introduction to Biomolecular Engineering	01	Pierce, N / Mayo, S	TR 13:00 - 14:25	100 CNRB	
ChE/Ch 165	3-0-6	Chemical Thermodynamics	01	Wang, Z	TR 10:30 - 11:55	106 SPL	
ChE280	+	Chemical Engineering Research	01	Arnold, F	A	A	P
			02	Ismagilov, R	A	A	P
			03	Atwater, H	A	A	P
			04	Elowitz, M	A	A	P
			05	Pierce, N	A	A	P
			06	Murray, R	A	A	P
			07	Brady, J	A	A	P
			08	Stoltz, B	A	A	P
			09	Snyder, G	A	A	P
			10	Davis, M	A	A	P
			11	Fultz, B	A	A	P
			12	Bercaw, J	A	A	P
			13	Flagan, R	A	A	P
			14	Shapiro, M	A	A	P
			15	Dougherty, D	A	A	P
			16	Giapis, K	A	A	P
			17	Goddard, W	A	A	P
			18	See, K	A	A	P

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CHEMICAL ENGINEERING							
ChE280	+	Chemical Engineering Research	19	Hoffmann, M	A	A	P
			20	Chan, G	A	A	P
			21	Kornfield, J	A	A	P
			22	Troian, S	A	A	P
			23	Lewis, N	A	A	P
			24	Robb, M	A	A	P
			25	Wei, L	A	A	P
			26	Pachter, L	A	A	P
			27	Wang, K	A	A	P
			28	Manthiram, K	A	A	P
			35	Seinfeld, J	A	A	P
			36	Hadt, R	A	A	P
			37	Tirrell, D	A	A	P
			38	Wang, Z	A	A	P
			40	Yung, Y	A	A	P
			42	Heath, J	A	A	P
			43	Haile, S	A	A	P
			44	Greer, J	A	A	P
45	Miller, T	A	A	P			
46	Mayo, S	A	A	P			
47	Agapie, T	A	A	P			
48	Gao, W	A	A	P			
CHEMISTRY							
Ch 001A	3-0-3	General Chemistry	01	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 101 SCH	P
			02	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 102 SPL	P
			03	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 102 STL	P
			04	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 115 BCK	P
			05	Lewis, N	MT 11:00 - 11:55	Lecture Hall BAX	P

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CHEMISTRY							
Ch 001A	3-0-3	General Chemistry	05	Lewis, N	R 11:00 - 11:55	142 KCK	P
			06	Lewis, N	MT 11:00 - 11:55	Lecture Hall BAX	P
					R 11:00 - 11:55	151 CRL	
			07	Lewis, N	MT 11:00 - 11:55	Lecture Hall BAX	P
					R 11:00 - 11:55	104 WAT	
			08	Lewis, N	MT 11:00 - 11:55	Lecture Hall BAX	P
					R 11:00 - 11:55	153 NYS	
			09	Lewis, N	MT 11:00 - 11:55	Lecture Hall BAX	P
					R 11:00 - 11:55	B111 DWN	
			10	Lewis, N	MT 11:00 - 11:55	Lecture Hall BAX	P
					R 11:00 - 11:55	B122 GCL	
					MT 11:00 - 11:55	Lecture Hall BAX	P
		R 11:00 - 11:55	152 BRN				
		MT 11:00 - 11:55	Lecture Hall BAX	P			
		R 11:00 - 11:55	320 BRN				
Ch 003A	1-3-2	Fundamental Techniques of Experimental Chemistry <i>Closed to continuing students until term start / Max enroll: 10 / Students entering 2020 and before must take Ch 3 in their 1st 9 terms of residence in order to be graded pass/fail. Frosh entering 2021 must take Ch 3 in their first six terms of residence in order to be graded pass/fail</i>	01	Mendez, J	R 20:00 - 20:55 T 19:00 - 21:55 OM,A	B122 GCL 130 CHR A	P
Ch 003X	1-3-2	Experimental Methods in Solar Energy Conversion <i>Max enroll: 22 students per sec // Students entering 2020 and before must take Ch 3 in their first 9 terms of residence in order to be graded pass/fail. Frosh entering 2021 must take Ch 3 in their first six terms of residence in order to be graded pass/fail</i>	01	Mendez, J	F 13:00 - 13:55 T 08:00 - 10:55	B122 GCL B157 CRL	P
			02	Mendez, J	F 13:00 - 13:55 T 13:00 - 15:55	B122 GCL B157 CRL	P
			03	Mendez, J	F 13:00 - 13:55 W 13:00 - 15:55	B122 GCL B157 CRL	P
			04	Mendez, J	F 13:00 - 13:55 R 08:00 - 10:55	B122 GCL B157 CRL	P
Ch 005B	1-9-2	Advanced Techniques of Synthesis and Analysis <i>MW 8am-4pm open lab // maximum enrollment:</i>	01	Agapie, T	OM,A	A	

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CHEMISTRY							
Ch 008	1-6-2	Procedures of Synthetic Chemistry for Premedical Students <i>section 2 open to pre-med students with instructor permission only // maximum enrollment: 10 students per section</i>	01	Mendez, J	F 15:00 - 15:55 TR 08:00 - 10:55 OM,A	B122 GCL 130 CHR A	
			02	Mendez, J	F 15:00 - 15:55 TR 13:00 - 15:55 OM,A	B122 GCL 130 CHR A	
Ch/ChE 009	1-6-2	Chemical Synthesis and Characterization for Chemical Engineering <i>open by lottery only; see link on the REGIS home page to enter by May 18th // maximum enrollment: 10 students</i>	01	Mendez, J	TR 13:00 - 15:55 F 11:00 - 11:55	130 CHR B122 GCL	
Ch 010A	1-0-0	Frontiers in Chemistry <i>Lab tour times to be determined. // open to freshmen and sophomores only</i>	01	Hoelz, A	R 12:00 - 12:55 A	147 NYS A	P
Ch 021A	3-0-6	Physical Chemistry	01	Okumura, M	MWF 13:00 - 13:55	147 NYS	
Ch 041A	4-0-5	Organic Chemistry <i>maximum enrollment: 20 students per section</i>	01	Nelson, H	MWF 09:00 - 09:55 W 15:00 - 15:55	153 NYS 151 CRL	
			02	Nelson, H	MWF 09:00 - 09:55 W 20:00 - 20:55	153 NYS 151 CRL	
			03	Nelson, H	MWF 09:00 - 09:55 R 15:00 - 15:55	153 NYS 151 CRL	
			04	Nelson, H	MWF 09:00 - 09:55 R 20:00 - 20:55	153 NYS 151 CRL	
Ch 080	+	Chemical Research	01	Dougherty, D	A	A	P
			02	Hoffmann, M	A	A	P
			04	Hoelz, A	A	A	P
			05	Gray, H	A	A	P
			06	Chan, G	A	A	P
			07	Agapie, T	A	A	P
			08	Shapiro, M	A	A	P
			09	Robb, M	A	A	P

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CHEMISTRY							
Ch 080	+	Chemical Research	10	Reisman, S	A	A	P
			11	Goddard, W	A	A	P
			12	Rossman, G	A	A	P
			13	Virgil, S	A	A	P
			14	Clemons, W	A	A	P
			15	Okumura, M	A	A	P
			16	Gao, W	A	A	P
			17	Blake, G	A	A	P
			18	Peters, J	A	A	P
			19	Stoltz, B	A	A	P
			20	Rees, D	A	A	P
			21	Wei, L	A	A	P
			22	Shan, S	A	A	P
			23	Ondrus, A	A	A	P
			24	Lewis, N	A	A	P
			25	Arnold, F	A	A	P
26	Cushing, S	A	A	P			
Ch 081	+	Independent Reading in Chemistry	05	Gray, H	A	A	P
			06	Goddard, W	A	A	P
			07	Agapie, T	A	A	P
			22	Lewis, N	A	A	P
Ch 082	+	Senior Thesis Research <i>9 units per term</i>	02	Hoelz, A / Okumura, M	A	A	P
			03	Peters, J / Okumura, M	A	A	P
			04	Tirrell, D / Okumura, M	A	A	P
			05	Stoltz, B / Okumura, M	A	A	P
			06	Agapie, T / Okumura, M	A	A	P
			07	Gray, H / Okumura, M	A	A	P
			08	Asimow, P / Okumura, M	A	A	P
			09	Dougherty, D / Okumura, M	A	A	P
			10	Hsieh-Wilson, L / Okumura, M	A	A	P

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CHEMISTRY							
Ch 082	+	Senior Thesis Research <i>9 units per term</i>	11	Wei, L / Okumura, M	A	A	P
			12	Arnold, F / Okumura, M	A	A	P
			13	Chan, G / Okumura, M	A	A	P
			14	Hadt, R / Okumura, M	A	A	P
			15	Okumura, M / Reisman, S	A	A	P
			16	Okumura, M / Clemons, W	A	A	P
			17	Ondrus, A / Goddard, W / Okumura, M	A	A	P
			18	Robb, M / Okumura, M	A	A	P
Ch/ChE 091	2-0-1	Scientific Writing	01	Parker, C	M 14:00 - 15:55	101 SCH	G
Ch 101	1-0-2	Chemistry Tutorials: Tackling current research problems with computational chemistry techniques	01	Basdogan, Y / Mantha, S	A	A	
Ch/Bi 110A	4-0-8	Introduction to Biochemistry	01	Clemons, W / Rees, D	MWF 11:00 - 11:55 W 15:00 - 16:55	153 NYS 119 KRK	G
Ch 112	3-0-6	Intermediate Inorganic Chemistry	01	Agapie, T	TR 10:30 - 11:55	147 NYS	
Ch 117	3-0-6	Introduction to Electrochemistry	01	See, K	MWF 11:00 - 11:55	147 NYS	
Ch 121B	1-1-7	Atomic-Level Simulations of Materials and Molecules	01	Goddard, W	W 15:00 - 15:55	115 BCK	
Ch 122	3-0-6	Structure Determination by X-ray Crystallography	01	Takase, M	MWF 09:00 - 09:55	115 BCK	G
Ch 125A	3-0-6	The Elements of Quantum Chemistry	01	Cushing, S	TR 13:00 - 14:25	147 NYS	G
Ch/BMB 129	3-0-6	Introduction to Biophotonics	01	Wei, L	M 13:00 - 14:55	151 CRL	

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CHEMISTRY							
Ch 144B	3-0-6	Advanced Organic Chemistry	01	Robb, M	TR 09:00 - 10:25	153 NYS	G
Ch 149	2-0-4	Tutorial in Organic Chemistry <i>Prerequisite: Ch 41abc & instructor's permission</i>	01	Fu, G	M 14:00 - 15:55	153 NYS	P
			02	Stoltz, B	WF 14:00 - 15:55	147 NYS	P
			03	Virgil, S	MWF 14:00 - 15:55	318 SCH	P
ChE/Ch 165	3-0-6	Chemical Thermodynamics	01	Wang, Z	MWF 14:00 - 15:55	106 SPL	P
BMB/Bi/Ch 174	3-0-3	Advanced Topics in Biochemistry and Molecular Biophysics	01	Semlow, D / Chong, S	TR 10:30 - 11:55	106 SPL	P
BMB/Ch 178	3-0-6	Macromolecular Function: Kinetics, Energetics, and Mechanisms	01	Shan, S	MW 12:00 - 13:25	320 BRN	P
Ch 180	+	Chemical Research	01	Agapie, T	WF 10:30 - 11:55	101 SCH	P
			02	Goddard, W	A	A	P
			21	Gray, H	A	A	P
			22	Lewis, N	A	A	P
			38	Weitekamp, D	A	A	P
BMB/Ch 202A	1-0-0	Biochemistry Seminar Course	01	Clemons, W	R 12:00 - 12:55	320 BRN	P
Ch 213A	1-0-11	Advanced Ligand Field Theory	01	Gray, H	F 13:00 - 13:55	408 BCK	
Ch 242A	4-0-5	Chemical Synthesis <i>Lecture MWF 10-11am -- Recitation T 7-9pm -- Tutorial R 7-9pm // change in unit breakdown pending faculty board approval</i>	01	Stoltz, B	MWF 10:00 - 10:55	147 NYS	
					TR 19:00 - 20:55	147 NYS	
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

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CHEMISTRY							
Ch 279	+	Rotations in Chemistry	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	Davis, M	A	A	P
			13	Dervan, P	A	A	P
			14	Dougherty, D	A	A	P
			15	Elowitz, M	A	A	P
			16	Fu, G	A	A	P
			17	Goddard, W	A	A	P
			18	Gray, H	A	A	P
			19	Greer, J	A	A	P
			21	Haile, S	A	A	P
			22	Hoelz, A	A	A	P
			23	Hoffmann, M	A	A	P
			24	Hsieh-Wilson, L	A	A	P
			25	Agapie, T	A	A	P
			26	Jensen, G	A	A	P
			27	Kornfield, J	A	A	P
			28	Lester, H	A	A	P
			29	Lewis, N	A	A	P
			30	Mayo, S	A	A	P
			31	Miller, T	A	A	P
			32	Newman, D	A	A	P
			33	Okumura, M	A	A	P
			34	Ondrus, A	A	A	P
			35	Peters, J	A	A	P
			36	Pierce, N	A	A	P
			37	Rees, D	A	A	P
			38	Reisman, S	A	A	P
			39	Robb, M	A	A	P

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CHEMISTRY							
Ch 279	+	Rotations in Chemistry	41	See, K	A	A	P
			42	Seinfeld, J	A	A	P
			43	Shan, S	A	A	P
			44	Shapiro, M	A	A	P
			45	Sternberg, P	A	A	P
			46	Stoltz, B	A	A	P
			47	Tirrell, D	A	A	P
			48	Wang, Z	A	A	P
			49	Wei, L	A	A	P
			50	Weitekamp, D	A	A	P
			51	Wennberg, P	A	A	P
			52	Cushing, S	A	A	P
			53	Hadt, R	A	A	P
			54	Manthiram, K	A	A	P
Ch 280	+	Chemical Research	01	Adkins, J	A	A	P
			02	Arnold, F	A	A	P
			03	Bjorkman, P	A	A	P
			04	Atwater, H	A	A	P
			05	Barton, J	A	A	P
			06	Wei, L	A	A	P
			07	Chou, T	A	A	P
			08	Blake, G	A	A	P
			09	Wang, Z	A	A	P
			10	Newman, D	A	A	P
			11	Shimojo, S	A	A	P
			12	Eiler, J	A	A	P
			13	Davis, M	A	A	P
			14	Dervan, P	A	A	P
			15	Dougherty, D	A	A	P
			16	Reisman, S	A	A	P
			17	Blanquart, G	A	A	P
			18	Miller, T	A	A	P
			19	Clemons, W	A	A	P

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CHEMISTRY							
Ch 280	+	Chemical Research	20	Goddard, W	A	A	P
			21	Gray, H	A	A	P
			23	Semlow, D	A	A	P
			24	Stoltz, B	A	A	P
			25	Hoffmann, M	A	A	P
			26	Kornfield, J	A	A	P
			27	Hoelz, A	A	A	P
			28	Lewis, N	A	A	P
			29	Peters, J	A	A	P
			30	Parker, J	A	A	P
			31	Mayo, S	A	A	P
			32	Anandkumar, A	A	A	P
			33	Okumura, M	A	A	P
			34	Ponce, A	A	A	P
			35	Peters, J	A	A	P
			36	Ismagilov, R	A	A	P
			37	Fu, G	A	A	P
			38	Rees, D	A	A	P
			39	Lester, H	A	A	P
			40	Greer, J	A	A	P
			41	van de Walle, A	A	A	P
			42	Seinfeld, J	A	A	P
			43	Stoltz, B	A	A	P
			44	Tirrell, D	A	A	P
			45	Cushing, S	A	A	P
			46	Weitekamp, D	A	A	P
			47	Wennberg, P	A	A	P
			48	Cai, L	A	A	P
			49	Shan, S	A	A	P
			50	Agapie, T	A	A	P
			51	Sternberg, P	A	A	P
			52	Tirrell, D	A	A	P
			53	Fu, G	A	A	P

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CHEMISTRY										
Ch 280	+	Chemical Research	54	Deshaies, R	A	A	P			
			55	Campbell, J	A	A	P			
			56	Jensen, G	A	A	P			
			57	Pierce, N	A	A	P			
			58	Shapiro, M	A	A	P			
			59	Chan, G	A	A	P			
			60	Ondrus, A	A	A	P			
			61	See, K	A	A	P			
			62	Elowitz, M	A	A	P			
			63	Asimow, P	A	A	P			
			64	Robb, M	A	A	P			
			65	Hadt, R	A	A	P			
			66	Voorhees, R	A	A	P			
			67	Van Valen, D	A	A	P			
			68	Yeh, N	A	A	P			
			69	Minnich, A	A	A	P			
			70	Faber, K	A	A	P			
			71	Bernardi, M	A	A	P			
			72	Pachter, L	A	A	P			
			73	Nelson, H	A	A	P			
			74	Manthiram, K	A	A	P			
			75	Chong, S	A	A	P			
			76	Hsieh-Wilson, L	A	A	P			
			CIVIL ENGINEERING							
			CE 100	+	Special Topics in Civil Engineering	01	Staff	A	A	
			Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Rosakis, A	TR 09:00 - 10:25	135 GTL	G			

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CIVIL ENGINEERING							
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	135 GTL	P
CE 200	+	Advanced Work in Civil Engineering	01	Pellegrino, S	A	A	P
CE 201	3-0-6	Advanced Topics in Civil Engineering: Data-intensive methods in mechanics and materials <i>class cancelled</i>	01	Bhattacharya, K	A	A	G
CE 300	+	Research in Civil Engineering	01	Daraio, C	A	A	P
			04	Andrade, J	A	A	P
			05	Lapusta, N	A	A	P
			06	Asimaki, D	A	A	P
			07	Pellegrino, S	A	A	P
			08	Fu, X	A	A	P
			COMPUTATION & NEURAL SYS				
CNS100	1-0-0	Introduction to Computation and Neural Systems	01	Siapas, A	R 16:00 - 16:55	100 CNRB	P
NB/Bi/CNS 152	2-0-4	Neural Circuits and Physiology of Homeostatic Regulation <i>Class will not meet on 9/27/22, first class meeting will be 10/4/22</i>	01	Oka, Y	T 09:00 - 10:55	B101 BBB	
CS/CNS/EE 156A	3-1-5	Learning Systems	01	Abu-Mostafa, Y	TR 14:30 - 15:55 OM,T 12:00 - 12:55	Institute Auditorium BCK Lecture Hall BAX	
NB/Bi/CNS 162	2-4-6	Cellular and Systems Neuroscience Laboratory <i>maximum enrollment: 15 student // section 2 cancelled</i>	01	Bremner, L	R 13:00 - 16:25	B160 CHR	
NB/Bi/CNS 164	3-0-6	Tools of Neurobiology	01	Meister, M / Rutishauser, U	WF 13:00 - 14:25	B101 BBB	
CS/CNS 171	3-6-3	Computer Graphics Laboratory	01	Barr, A	MWF 15:00 - 15:55	105 ANB	

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COMPUTATION & NEURAL SYS							
CNS180	+	Research in Computation and Neural Systems	01	Abu-Mostafa, Y	A	A	P
			02	Anderson, D	A	A	P
			03	O'Doherty, J	A	A	P
			04	Andersen, R	A	A	P
			05	Shimojo, S	A	A	P
			06	Quartz, S	A	A	P
			07	Tsao, D	A	A	P
			08	Dickinson, M	A	A	P
			09	Anandkumar, A	A	A	P
			10	Oka, Y	A	A	P
			11	Rangel, A	A	A	P
			12	Murray, R	A	A	P
			13	Perona, P	A	A	P
			14	Camerer, C	A	A	P
			15	Elowitz, M	A	A	P
			16	Gradinaru, V	A	A	P
			17	Allman, J	A	A	P
			18	Siapas, A	A	A	P
			19	Fraser, S	A	A	P
			20	Burdick, J	A	A	P
			21	Winfrey, E	A	A	P
			22	Wold, B	A	A	P
			23	Low, S	A	A	P
			24	Meister, M	A	A	P
			25	Kennedy, M	A	A	P
			26	Adolphs, R	A	A	P
			28	Hoffmann, M	A	A	P
			29	Hong, E	A	A	P
			30	Prober, D	A	A	P
			31	Yue, Y	A	A	P
			32	Thomson, M	A	A	P
			33	Ames, A	A	A	P
			34	Rutishauser, U	A	A	P

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COMPUTATION & NEURAL SYS							
CNS180	+	Research in Computation and Neural Systems	35	Wang, L	A	A	P
			36	Stuart, A	A	A	P
			37	Lois, C	A	A	P
			38	Mobbs, D	A	A	P
			39	Shapiro, M	A	A	P
			40	Van Valen, D	A	A	P
Bi/CNS/NB 195	3-0-6	Mathematics in Biology	01	Thomson, M	TR 10:30 - 11:55	100 CNRB	
BE/Bi/CNS/NB 197	+	Mentoring and Outreach	01	Bjorkman, P	A	A	P
NB/Bi/CNS 216	2-0-4	Behavior of Mammals <i>class cancelled</i>	01	Staff	A	A	G
NB/Bi/CNS 217	2-0-4	Central Mechanisms in Perception	01	Allman, J	F 14:00 - 15:55	BBE Tent Caltech Hall	
CNS280	+	Research in Computation and Neural Systems	01	Burdick, J	A	A	P
			02	Meister, M	A	A	P
			03	Camerer, C	A	A	P
			04	Andersen, R	A	A	P
			05	Lester, H	A	A	P
			06	O'Doherty, J	A	A	P
			07	Bruck, J	A	A	P
			08	Tsao, D	A	A	P
			09	Koch, C	A	A	P
			11	Murray, R	A	A	P
			12	Gradinaru, V	A	A	P
			13	Perona, P	A	A	P
			14	Scherer, A	A	A	P
			15	Quartz, S	A	A	P
			16	Elowitz, M	A	A	P
			17	Shimojo, S	A	A	P
			18	Siapas, A	A	A	P

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COMPUTATION & NEURAL SYS							
CNS280	+	Research in Computation and Neural Systems	19	Sternberg, P	A	A	P
			20	Winfree, E	A	A	P
			21	Wold, B	A	A	P
			22	Hoffmann, M	A	A	P
			23	Dickinson, M	A	A	P
			24	Allman, J	A	A	P
			25	Oka, Y	A	A	P
			26	Adolphs, R	A	A	P
			27	Desbrun, M	A	A	P
			28	Goddard, W	A	A	P
			29	Rangel, A	A	A	P
			30	Mobbs, D	A	A	P
			31	Thomson, M	A	A	P
32	Hong, E	A	A	P			
SS/Psy/CNS 285	1.5-0-1.5	Topics in Social, Cognitive, and Decision Sciences	01	Adolphs, R	M 19:00 - 20:25	125 BAX	P
COMPUTER SCIENCE							
CS 001	3-4-2	Introduction to Computer Programming <i>maximum enrollment: 30 students per section</i>	01	Hovik, M	MWF 14:00 - 14:55	134 (Auditorium)	P
					T 13:00 - 13:55	BCK 102 STL	
			02	Hovik, M	MWF 14:00 - 14:55	134 (Auditorium)	P
					T 14:00 - 14:55	BCK 102 STL	
			03	Hovik, M	MWF 14:00 - 14:55	134 (Auditorium)	P
					T 15:00 - 15:55	BCK 102 STL	
			04	Hovik, M	MWF 14:00 - 14:55	134 (Auditorium)	P
					T 16:00 - 16:55	BCK 102 STL	
			05	Hovik, M	MWF 14:00 - 14:55	134 (Auditorium)	P
					T 17:00 - 17:55	BCK 102 STL	
			06	Hovik, M	MWF 14:00 - 14:55	134 (Auditorium)	P
					T 18:00 - 18:55	BCK 102 STL	

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COMPUTER SCIENCE							
CS 001	3-4-2	Introduction to Computer Programming <i>maximum enrollment: 30 students per section</i>	07	Hovik, M	MWF 14:00 - 14:55	134 (Auditorium) BCK 102 STL	P
			08	Hovik, M	T 19:00 - 19:55		
						MWF 14:00 - 14:55	134 (Auditorium) BCK 102 STL
					T 20:00 - 20:55		
CS 001X	2-2-2	Intermediate Computer Programming <i>Enrollment by instructor permission only. Students must be placed into this course via the CS placement test.</i>	01	Vanier, M	W 16:00 - 16:55	104 ANB	P
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma/CS 106a</i>	01	Schuelke, B	MWF 13:00 - 13:55	119 KRK	
					R 09:00 - 09:55	187 LINDE	
			02	Schuelke, B	MWF 13:00 - 13:55	119 KRK	
					R 10:00 - 10:55	187 LINDE	
			03	Schuelke, B	MWF 13:00 - 13:55	119 KRK	
		R 13:00 - 13:55	187 LINDE				
			04	Schuelke, B	MWF 13:00 - 13:55	119 KRK	
					R 19:00 - 19:55	187 LINDE	
CS 009	1-0-0	Introduction to Computer Science Research	01	Low, S	R 12:00 - 12:55	105 ANB	P
CS 011	0-3-0	Computer Language Lab: C track <i>CS 1 or instructor's permission is required. // See http://courses.cms.caltech.edu/cs11/ for course info</i>	01	Vanier, M	OM,T 21:00 - 21:55	105 ANB	P
CS 012	+	Student-Taught Topics in Computing <i>Sec 2: Technical Interviewing // Sec 7: Computer Vision for Research // Sec 8: Introduction to Network Science // See http://courses.cms.caltech.edu/cs12/ for more course info</i>	02	Blank, A / Ralph, C	OM,T 19:00 - 19:55	105 ANB	P
			07	Blank, A	OM,T 19:00 - 19:55	104 ANB	P
			08	Zuev, K	OM,T 20:00 - 20:55	104 ANB	P
CS 019A	1-0-1	Introduction to Computer Science in Industry	01	Ralph, C	M 12:00 - 12:55	105 ANB	P

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COMPUTER SCIENCE							
CS 024	3-3-3	Introduction to Computing Systems	01	Blank, A	MWF 14:00 - 14:55	119 KRK	
CS 080A	+	Undergraduate Thesis	01	Winfree, E	A	A	P
			02	Chandy, K	A	A	P
			03	Desbrun, M	A	A	P
			04	Schroeder, P	A	A	P
			05	Wierman, A	A	A	P
			06	Barr, A	A	A	P
			07	Katz, N	A	A	P
			08	Low, S	A	A	P
			09	Yue, Y	A	A	P
			10	Perona, P	A	A	P
			11	Bruck, J	A	A	P
			12	Schulman, L	A	A	P
			13	Umans, C	A	A	P
			14	Chung, S	A	A	P
			15	Vidick, T	A	A	P
			16	Anandkumar, A	A	A	P
			17	Adolphs, R	A	A	P
			18	Murray, R	A	A	P
			19	Bouman, K	A	A	P
CS 081A	+	Undergraduate Projects in Computer Science	01	Abu-Mostafa, Y	A	A	P
			02	Barr, A	A	A	P
			03	Chandy, K	A	A	P
			04	Murray, R	A	A	P
			05	Martin, A	A	A	P
			06	Winfree, E	A	A	P
			07	Perona, P	A	A	P
			08	Pinkston, D	A	A	P
			09	Pierce, N	A	A	P
			10	Vanier, M	A	A	P
			11	Wierman, A	A	A	P

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COMPUTER SCIENCE										
CS 081A	+	Undergraduate Projects in Computer Science	12	Umans, C	A	A	P			
			13	Burdick, J	A	A	P			
			14	Low, S	A	A	P			
			15	Yue, Y	A	A	P			
			16	Hassibi, B	A	A	P			
			17	Desbrun, M	A	A	P			
			18	Mahabal, A	A	A	P			
			19	Schroeder, P	A	A	P			
			20	Djorgovski, S	A	A	P			
			21	George, G	A	A	P			
			22	Vidick, T	A	A	P			
			23	Ralph, C	A	A	P			
			24	Rangel, A	A	A	P			
			25	Bunn, J	A	A	P			
			26	Alvarez, R	A	A	P			
			27	Preskill, J	A	A	P			
			28	Stalzer, M	A	A	P			
			29	Ames, A	A	A	P			
			30	Blank, A	A	A	P			
			31	Chung, S	A	A	P			
			32	Anandkumar, A	A	A	P			
			33	Tamuz, O	A	A	P			
			34	Bouman, K	A	A	P			
			35	Van Valen, D	A	A	P			
			36	Schulman, L	A	A	P			
			37	Adolphs, R	A	A	P			
			38	Bruno, O	A	A	P			
			39	Qian, L	A	A	P			
			40	Parker, J	A	A	P			
			41	Hovik, M	A	A	P			
			42	Shapiro, M	A	A	P			
			CS 090	+	Undergraduate Reading in Computer Science	01	Chandy, K	A	A	P
						02	Pinkston, D	A	A	P

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COMPUTER SCIENCE										
CS 090	+	Undergraduate Reading in Computer Science	03	Low, S	A	A	P			
			04	Djorgovski, S	A	A	P			
			05	Winfree, E	A	A	P			
			06	Schroeder, P	A	A	P			
			07	Barr, A	A	A	P			
			08	George, G	A	A	P			
			09	Gray, H	A	A	P			
			10	Abu-Mostafa, Y	A	A	P			
			11	Burdick, J	A	A	P			
			12	Wierman, A	A	A	P			
			13	Vanier, M	A	A	P			
			14	Ralph, C	A	A	P			
			15	Anderson, D	A	A	P			
			16	Gavalas, G	A	A	P			
			17	Umans, C	A	A	P			
			18	Yue, Y	A	A	P			
			19	Stoltz, B	A	A	P			
			20	Schulman, L	A	A	P			
			CS 101	3-0-6	Special Topics in Computer Science: Projects in Machine Learning	01	Bouman, K / Leong, O	OM,W 10:00 - 10:55	104 ANB	G
			CS 102A	+	Seminar in Computer Science	01	Staff	A	A	P
CS 103A	+	Reading in Computer Science	01	Staff	A	A	P			
Ma/CS 106A	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma/CS 6a</i>	01	Schuelke, B	R 09:00 - 09:55 MWF 13:00 - 13:55	187 LINDE 119 KRK				
			02	Schuelke, B	MWF 13:00 - 13:55 R 10:00 - 10:55	119 KRK 187 LINDE				
			03	Schuelke, B	MWF 13:00 - 13:55 R 13:00 - 13:55	119 KRK 187 LINDE				
			04	Schuelke, B	MWF 13:00 - 13:55 R 19:00 - 19:55	119 KRK 187 LINDE				

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COMPUTER SCIENCE							
CS 111	0-3-0	Graduate Programming Practicum: C track <i>For graduate students only // Sec 1: C</i>	01	Vanier, M	OM,T 21:00 - 21:55	105 ANB	P
Ma/CS 117A	3-0-6	Computability Theory	01	Kechris, A	TR 13:00 - 14:25	310 LINDE	
EE/CS 119A	3-3-3	Advanced Digital Systems Design	01	George, G	MW 14:30 - 15:55	B270 MRE	
EE/Ma/CS 126A	3-0-6	Information Theory <i>make-up classes held on Fridays 10:30-noon in Moore B270</i>	01	Effros, M	MW 10:30 - 11:55	B270 MRE	G
ME/CS/EE 133A	3-2-4	Robotics	01	Niemeyer, G	MWF 15:00 - 15:55	135 GTL	
EE/CS/EST 135	3-3-3	Power System Analysis	01	Low, S	TR 10:30 - 11:55	314 ANB	
CS/IDS 142	3-2-4	Distributed Computing	01	Chandy, K	TR 13:00 - 14:25	105 ANB	G
CS/IDS 150A	3-0-6	Probability and Algorithms	01	Schulman, L	MWF 10:00 - 10:55	213 ANB	
CS/CNS/EE 156A	3-1-5	Learning Systems	01	Abu-Mostafa, Y	TR 14:30 - 15:55 OM,T 12:00 - 12:55	Institute Auditorium BCK Lecture Hall BAX	
CS 164	3-0-6	Compilers <i>maximum enrollment: 20 students // class closed, see instructor for waitlist</i>	01	Vanier, M	MWF 11:00 - 11:55	104 ANB	G
CS/CNS 171	3-6-3	Computer Graphics Laboratory	01	Barr, A	MWF 15:00 - 15:55	105 ANB	
CS 180	+	Master's Thesis Research	01 02 03 04 05	Martin, A Desbrun, M Low, S Chandy, K Wierman, A	A A A A A	A A A A A	P P P P P

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COMPUTER SCIENCE							
CS 180	+	Master's Thesis Research	06	Umans, C	A	A	P
			08	Barr, A	A	A	P
			09	Kitaev, A	A	A	P
			10	Perona, P	A	A	P
			12	Schroeder, P	A	A	P
			14	Winfree, E	A	A	P
			15	Ligett, K	A	A	P
Ph/CS 219A	3-0-6	Quantum Computation	01	Kitaev, A	MW 14:30 - 15:55	201 BRG	P
CS 280	+	Research in Computer Science	01	Abu-Mostafa, Y	A	A	P
			02	Anandkumar, A	A	A	P
			03	Winfree, E	A	A	P
			04	Troian, S	A	A	P
			05	Ligett, K	A	A	P
			06	Chandrasekaran, V	A	A	P
			07	Low, S	A	A	P
			08	Martin, A	A	A	P
			09	Murray, R	A	A	P
			10	Perona, P	A	A	P
			11	Schroeder, P	A	A	P
			12	Vidick, T	A	A	P
			13	Cvitanić, J	A	A	P
			14	Umans, C	A	A	P
			15	Desbrun, M	A	A	P
			16	Kitaev, A	A	A	P
			17	Wierman, A	A	A	P
			18	Doyle, J	A	A	P
			19	Schulman, L	A	A	P
29	Yue, Y	A	A	P			
CS 286A	0-0-0	Seminar in Computer Science: Research seminar on quantum computing and theoretical computer science	01	Mahadev, U	F 13:00 - 15:55	213 ANB	P

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COMPUTING AND MATHEMATICAL SCIENCES							
CMS300	+	Research in Computing and Mathematical Sciences	15	Umans, C	A	A	P
			16	Winfree, E	A	A	P
			17	Yue, Y	A	A	P
			18	Pachter, L	A	A	P
			19	Chung, S	A	A	P
			20	Anandkumar, A	A	A	P
			21	Stuart, A	A	A	P
			22	Thomson, M	A	A	P
			23	Van Valen, D	A	A	P
			24	Bouman, K	A	A	P
			25	Bruck, J	A	A	P
CONTROL & DYNAMICAL SYSTEMS							
CDS090A	0-0-9	Senior Thesis in Control and Dynamical Systems	01	Murray, R	A	A	G
CDS131	3-0-9	Linear Systems Theory	01	Chung, S	TR 14:30 - 15:55	104 ANB	G
CDS190	+	Independent Work in Control and Dynamical Systems <i>offered Pass/Fail only</i>	01	Staff	A	A	P
CDS300A	+	Research in Control and Dynamical Systems	01	Dickinson, M	A	A	P
			02	Siapas, A	A	A	P
			03	Doyle, J	A	A	P
			04	Owhadi, H	A	A	P
			07	Beck, J	A	A	P
			08	Murray, R	A	A	P
			10	Burdick, J	A	A	P
			11	Elowitz, M	A	A	P
			12	Desbrun, M	A	A	P
			13	Ortiz, M	A	A	P
			14	Goentoro, L	A	A	P
			15	Adolphs, R	A	A	P

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CONTROL & DYNAMICAL SYSTEMS							
CDS300A	+	Research in Control and Dynamical Systems	16	Ames, A	A	A	P
			17	Chung, S	A	A	P
ECONOMICS							
Ec 011	3-2-4	Introduction to Economics <i>class cancelled</i>	01	Staff	A	A	G
Ec 097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Pomatto, L	A	A	P
Ec 098A	+	Senior Research and Thesis <i>Instructor permission required prior to registering</i>	01	Camerer, C	A	A	P
Ec/Psy 106	3-0-6	Behavioral Game Theory	01	Camerer, C	TR 10:30 - 11:55	B125 BAX	
Ec 108	3-0-6	Foundations of Behavioral Economics <i>class cancelled</i>	01	Staff	A	A	
Ec 110	3-0-6	Public Economics <i>class cancelled</i>	01	Staff	A	A	
Ec 121A	3-0-6	Theory of Value	01	Pourbabae, M	TR 09:00 - 10:25	128 BAX	
Ec 122	3-0-6	Econometrics <i>maximum enrollment: 35 students</i>	01	Sherman, R	TR 13:00 - 14:25	Lecture Hall BAX	G
IDS/Ec/PS 126	3-0-6	Applied Data Analysis	01	Katz, J	MW 10:30 - 11:55	125 BAX	G
CMS/Ec 248	3-0-6	Topics in Learning and Games	01	Mazumdar, E	TR 13:00 - 14:25	213 ANB	G
ELECTRICAL ENGINEERING							
EE/ME 007	2-3-1	Introduction to Mechatronics	01	George, G	MW 13:00 - 13:55	B270 MRE	P

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ELECTRICAL ENGINEERING							
APh/EE 009	2-2-2	Solid-State Electronics for Integrated Circuits	01	Scherer, A	TR 13:00 - 13:55	B280 MRE	
EE 013	0-3-0	Electronic System Prototyping	01	George, G	OM,T 16:00 - 16:55	B270 MRE	
EE 044	4-0-8	Deterministic Analysis of Systems and Circuits	01	Hajimiri, S	TR 09:00 - 10:55	B270 MRE	G
EE 055	4-0-8	Mathematics of Electrical Engineering <i>make-up classes held on Fridays 1-3pm in TBA</i>	01	Chandrasekaran, V	MW 13:00 - 14:25	104 ANB	
EE 080A	+	Senior Thesis	01	Hajimiri, S	A	A	P
			03	Doyle, J	A	A	P
			04	Tai, Y	A	A	P
			05	Hassibi, B	A	A	P
			06	George, G	A	A	P
			07	Choo, H	A	A	P
			08	Emami, A	A	A	P
			09	Abbott, R	A	A	P
			10	Marandi, A	A	A	P
			11	Van Valen, D	A	A	P
			12	Scherer, A	A	A	P
			13	Yue, Y	A	A	P
			EE 091	1-8-0	Experimental Projects in Electronic Circuits	01	Kalantar Ohanian, R
EE 099	+	Advanced Work in Electrical Engineering	01	Scherer, A	A	A	P
			02	Tai, Y	A	A	P
			03	Perona, P	A	A	P
			04	George, G	A	A	P
			05	Hajimiri, S	A	A	P
			06	Yang, C	A	A	P
			07	Burdick, J	A	A	P
			08	Atwater, H	A	A	P

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ELECTRICAL ENGINEERING							
EE 099	+	Advanced Work in Electrical Engineering	09	Emami, A	A	A	P
			10	Yariv, A	A	A	P
			11	Hassibi, B	A	A	P
			12	Low, S	A	A	P
			13	Wang, L	A	A	P
			14	Gao, W	A	A	P
			15	Kostina, V	A	A	P
EE 105A	1-0-0	Electrical Engineering Seminar	01	Emami, A	A	A	P
ACM/EE 106A	3-0-9	Introductory Methods of Computational Mathematics	01	Hou, Y	TR 13:00 - 14:25	104 ANB	
APh/EE 109	0-6-3	Introduction to the Micro/Nanofabrication Lab	01	Ghaffari, A	M 19:00 - 19:55	104 WAT	
EE 111	3-0-6	Signal-Processing Systems and Transforms	01	Vaidyanathan, P	TR 13:00 - 14:25	B270 MRE	
ACM/EE/IDS 116	3-1-5	Introduction to Probability Models <i>Ma 3 or EE 55 prerequisite enforced</i>	01	Zuev, K	TR 09:00 - 10:25	119 KRK	
ME/EE/EST 117	3-0-6	Energy Technology and Policy <i>formerly ME/EE/EST 109</i>	01	Hunt, M	MWF 09:00 - 09:55	135 GTL	
EE/CS 119A	3-3-3	Advanced Digital Systems Design	01	George, G	MW 14:30 - 15:55	B270 MRE	
CMS/ACM/EE 122	3-0-9	Mathematical Optimization	01	Chandrasekaran, V	MWF 10:00 - 11:25	105 ANB	
EE/APh 123	1-3-5	Advanced Lasers and Photonics Laboratory <i>Mandatory information session on Wed. 9/28 at 1:00pm in B280 MRE. Attending the session is mandatory for enrollment.</i>	01	Marandi, A	M 11:00 - 11:55 OM,W 13:00 - 13:55	142 KCK B280 MRE	G
EE/Ma/CS 126A	3-0-6	Information Theory <i>make-up classes held on Fridays 10:30-noon in Moore B270</i>	01	Effros, M	MW 10:30 - 11:55	B270 MRE	G

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ELECTRICAL ENGINEERING							
APh/EE 130	3-0-6	Electromagnetic Theory	01	Faraon, A	TR 13:00 - 14:25	104 WAT	
ME/CS/EE 133A	3-2-4	Robotics	01	Niemeyer, G	MWF 15:00 - 15:55	135 GTL	
EE/CS/EST 135	3-3-3	Power System Analysis	01	Low, S	TR 10:30 - 11:55	314 ANB	
EE 152	2-3-7	High Frequency Systems Laboratory <i>class cancelled</i>	01	Staff	A	A	
CS/CNS/EE 156A	3-1-5	Learning Systems	01	Abu-Mostafa, Y	TR 14:30 - 15:55 OM,T 12:00 - 12:55	Institute Auditorium BCK Lecture Hall BAX	
EE/Ae 157A	3-0-6	Introduction to the Physics of Remote Sensing	01	Rosen, P	TR 14:30 - 15:55	142 KCK	
EE/APh 180	3-0-3	Nanotechnology	01	Scherer, A	TR 14:30 - 15:55	B280 MRE	
BE/EE/MedE 189A	3-6-3	Design and Construction of Biodevices <i>maximum enrollment: 24 students</i>	01	Bois, J	TR 10:30 - 11:55	B127 KRK	
EE 291	+	Advanced Work in Electrical Engineering	01	Hoffmann, M	A	A	P
			02	Yang, C	A	A	P
			03	Bruck, J	A	A	P
			04	Burdick, J	A	A	P
			05	Meister, M	A	A	P
			06	Doyle, J	A	A	P
			07	Effros, M	A	A	P
			08	Wang, L	A	A	P
			09	Gharib, M	A	A	P
			10	Martin, A	A	A	P
			11	Hajimiri, S	A	A	P
			12	Hallinan, G	A	A	P
			13	Low, S	A	A	P
			14	Yeh, N	A	A	P

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ELECTRICAL ENGINEERING							
EE 291	+	Advanced Work in Electrical Engineering	15	Hassibi, B	A	A	P
			16	Murray, R	A	A	P
			17	Perona, P	A	A	P
			18	Vaidyanathan, P	A	A	P
			19	Anandkumar, A	A	A	P
			20	Tai, Y	A	A	P
			21	Yariv, A	A	A	P
			22	Quartz, S	A	A	P
			23	Mirhosseini, M	A	A	P
			24	Roukes, M	A	A	P
			25	Scherer, A	A	A	P
			26	Avouac, J	A	A	P
			27	Vahala, K	A	A	P
			28	Zmuidzinas, J	A	A	P
			29	Atwater, H	A	A	P
			30	Kimble, H	A	A	P
			31	Heath, J	A	A	P
			32	Weinreb, S	A	A	P
			33	Emami, A	A	A	P
			34	George, G	A	A	P
			35	Abu-Mostafa, Y	A	A	P
			36	Painter, O	A	A	P
			37	Gharib, M	A	A	P
			38	Choo, H	A	A	P
			39	Cvitanic, J	A	A	P
			40	Faraon, A	A	A	P
			41	Pellegrino, S	A	A	P
42	Chandrasekaran, V	A	A	P			
43	Minnich, A	A	A	P			
44	Vidick, T	A	A	P			
45	Kostina, V	A	A	P			
46	Yue, Y	A	A	P			
47	Tsao, D	A	A	P			

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ELECTRICAL ENGINEERING							
EE 291	+	Advanced Work in Electrical Engineering	48	Marandi, A	A	A	P
			49	Spiropulu, M	A	A	P
			50	Greer, J	A	A	P
ENERGY SCIENCE AND TECHNOLOGY							
ME/EE/EST 117	3-0-6	Energy Technology and Policy <i>formerly ME/EE/EST 109</i>	01	Hunt, M	MWF 09:00 - 09:55	135 GTL	
EE/CS/EST 135	3-3-3	Power System Analysis	01	Low, S	TR 10:30 - 11:55	314 ANB	
ENGINEERING							
E 002	1-0-0	Frontiers in Engineering and Applied Science <i>open to first-years and sophomores</i>	01	Javier, R / McKeon, B	W 12:00 - 12:55	A	P
E 100	+	Special Topics in Engineering & Applied Science <i>Section 1: open to first-year students who participated the FSRI program during summer 2022 - 1 unit // Section 2: LATTICE, 6 units</i>	01	Hunt, M / Blank, A	F 12:00 - 12:55	121 ANB	
			02	Chung, S	A	A	
ENGLISH							
Hum/En 024	3-0-6	The Scientific Imagination in English Literature <i>class cancelled</i>	01	Staff	A	A	
Hum/En 030	+	Reading Animals <i>Class meets TR 2:30-3:55pm in ANB 314 // attendance at first class is required/ maximum enrollment: 15 students // class closed - see instructor for waitlist</i>	01	Hill, A	A	A	P
Hum/En 035	3-0-6	Beginning with Poems <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Pigman, G	TR 14:30 - 15:55	128 BAX	
Hum/En 036	3-0-6	American Literature and Culture <i>class cancelled</i>	01	Staff	A	A	

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ENGLISH							
En 098	+	Reading in English <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
En 099A	1-0-8	Senior Tutorial for English Majors <i>Instructor permission required prior to registering</i>	01	Jurca, C	A	A	G
En 122	3-0-6	Paradise Lost <i>class cancelled - will be offered as En 133</i>	01	Staff	A	A	
En 133	3-0-6	Paradise Lost <i>maximum enrollment: 25 students</i>	01	Haugen, K	R 19:00 - 21:55	127 BAX	
En 134	3-0-6	The Career of Herman Melville <i>maximum enrollment: 15 students</i>	01	Weinstein, C	TR 13:00 - 14:25	128 BAX	G
En/VC 172	3-0-6	Heritage Studies <i>maximum enrollment: 15 students // class closed, contact instructor for waitlist</i>	01	Jurca, C	TR 10:30 - 11:55	127 BAX	
En 186	3-0-6	The Novel of Education <i>maximum enrollment: 15 students</i>	01	Gilmore, D	TR 10:30 - 11:55	128 BAX	
ENGLISH AS A SECOND LANGUAGE							
ESL101A	3-0-0	Oral Communication and Pronunciation	01	Ashleigh, S	MW 17:00 - 18:25	104 WAT	P
ENVIRONMENTAL SCIENCE & ENGINEERING							
FS/ESE/Ge 018	2-0-4	First-Year Seminar: The Unseen Microbial World in Plain Sight <i>open to incoming freshmen only // maximum enrollment: 10 students</i>	01	Leadbetter, J	WF 14:00 - 14:55	212 NMD	P
ESE090	+	Undergraduate Laboratory Research in Environmental Science and Engineering	01	Thompson, A	A	A	P
			02	Bordoni, S	A	A	P
			03	Adkins, J	A	A	P
			04	Yung, Y	A	A	P
			05	Wennberg, P	A	A	P

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ENVIRONMENTAL SCIENCE & ENGINEERING							
ESE100	+	Special Problems in Environmental Science and Engineering <i>up to 12 units by arrangement</i>	01	Adkins, J	A	A	P
			02	Flagan, R	A	A	P
			03	Hoffmann, M	A	A	P
			04	Schneider, T	A	A	P
			05	Seinfeld, J	A	A	P
			06	Sessions, A	A	A	P
			07	Wennberg, P	A	A	P
			08	Thompson, A	A	A	P
ESE101	3-0-6	Earth's Atmosphere	01	Schneider, T	TR 13:00 - 14:25	162 SMD	
ESE102	3-0-6	Earth's Oceans <i>class cancelled, will be offered winter term</i>	01	Staff	A	A	
ESE103	3-0-6	Earth's Biogeochemical Cycles	01	Frankenberg, C	MWF 15:00 - 15:55	162 SMD	
ESE104	1-0-0	Current Problems in Environmental Science and Engineering	01	Frankenberg, C	R 12:00 - 12:55	162 SMD	P
ESE106	+	Research in Environmental Science and Engineering	01	Adkins, J	A	A	P
			02	Blake, G	A	A	P
			03	Bordoni, S	A	A	P
			04	Eiler, J	A	A	P
			05	Flagan, R	A	A	P
			06	Hoffmann, M	A	A	P
			07	Ingersoll, A	A	A	P
			08	Lamb, M	A	A	P
			09	Leadbetter, J	A	A	P
			10	Newman, D	A	A	P
			11	Okumura, M	A	A	P
			12	Orphan, V	A	A	P
			13	Schneider, T	A	A	P
			14	Seinfeld, J	A	A	P
			15	Sessions, A	A	A	P

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ENVIRONMENTAL SCIENCE & ENGINEERING							
ESE106	+	Research in Environmental Science and Engineering	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
ESE110A	1-0-0	Seminar in Environmental Science and Engineering	01	Callies, J	W 16:00 - 16:55	365 SMD	P
ESE156	3-0-6	Remote Sensing of the Atmosphere and Biosphere <i>class cancelled, will be offered winter term</i>	01	Staff	A	A	
ESE/Bi 166	3-1-5	Microbial Physiology	01	Leadbetter, J	MWF 09:00 - 09:55	251 ARM	
Ge/ESE/Bi 248	2-0-4	Environmental Justice <i>taught concurrently with Hum 61, maximum enrollment: 15 students</i>	01	Orphan, V / Mushkin, H	T 13:00 - 14:55	151 ARM	
Ge/ESE 298	+	Mentoring and Outreach <i>meets Mondays from 11-12:30 in 212 NMD</i>	01	Newman, D	A	A	P
			02	Sessions, A	A	A	P
			03	Fischer, W	A	A	P
			04	Avouac, J / Bucholz, C	A	A	P
			05	Thompson, A	A	A	P
ESE300	+	Thesis Research	01	Sessions, A	A	A	P
			02	Ingersoll, A	A	A	P
			03	Hering, J	A	A	P
			04	Hoffmann, M	A	A	P
			05	Bordoni, S	A	A	P
			06	Adkins, J	A	A	P
			07	Callies, J	A	A	P
			08	Leadbetter, J	A	A	P
			09	Seinfeld, J	A	A	P
			10	Wennberg, P	A	A	P
			11	Yung, Y	A	A	P
			12	Schneider, T	A	A	P

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ENVIRONMENTAL SCIENCE & ENGINEERING							
ESE300	+	Thesis Research	13	Eiler, J	A	A	P
			14	Orphan, V	A	A	P
			15	Okumura, M	A	A	P
			16	Ponce, A	A	A	P
			17	Thompson, A	A	A	P
			18	Flagan, R	A	A	P
			19	Frankenberg, C	A	A	P
			20	Fischer, W	A	A	P
FIRST-YEAR SEMINARS							
FS/Ph 009	2-0-4	First-Year Seminar: The Science of Music <i>Maximum enrollment: 12 students</i>	01	Politzer, H	MF 13:00 - 13:55	387 LINDE	P
FS/Ph 011A	2-0-4	First-Year Seminar: Beyond Physics	01	Phillips, R	A	A	P
FS/Ge 016	2-0-4	First-Year Seminar: Earthquakes	01	Stock, J	W 14:00 - 15:55	215 NMD	P
FS/ESE/Ge 018	2-0-4	First-Year Seminar: The Unseen Microbial World in Plain Sight <i>open to incoming freshmen only // maximum enrollment: 10 students</i>	01	Leadbetter, J	WF 14:00 - 14:55	212 NMD	P
GEOLOGY							
Ge 011A	3-3-3	Introduction to Earth and Planetary Sciences: Earth as a Planet <i>Field Trip Dates: TBA // taught concurrently with Ge 101</i>	01	Present, T	MWF 14:00 - 14:55	251 ARM	
FS/Ge 016	2-0-4	First-Year Seminar: Earthquakes	01	Stock, J	W 14:00 - 15:55	215 NMD	P
FS/ESE/Ge 018	2-0-4	First-Year Seminar: The Unseen Microbial World in Plain Sight <i>open to incoming freshmen only // maximum enrollment: 10 students</i>	01	Leadbetter, J	WF 14:00 - 14:55	212 NMD	P

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GEOLOGY							
Ge 040	+	Special Problems for Undergraduates	01	Avouac, J	A	A	P
			02	Kirschvink, J	A	A	P
			03	Stock, J	A	A	P
			04	Lamb, M	A	A	P
			05	Adkins, J	A	A	P
			06	Jackson, J	A	A	P
			07	Ingersoll, A	A	A	P
			08	Sessions, A	A	A	P
			09	Stevenson, D	A	A	P
			10	Fischer, W	A	A	P
			11	Tsai, V	A	A	P
			12	de Kler, K	A	A	P
			13	Eiler, J	A	A	P
			14	Asimow, P	A	A	P
Ge 041A	+	Undergraduate Research and Bachelor's Thesis	01	Orphan, V	A	A	P
			02	Saleeby, J	A	A	P
			03	Asimow, P	A	A	P
			05	Saleeby, J	A	A	P
			06	Stolper, E	A	A	P
			07	Brown, M	A	A	P
			08	Grotzinger, J	A	A	P
			09	Stock, J	A	A	P
			10	Fischer, W	A	A	P
			11	Rossmann, G	A	A	P
			12	Sessions, A	A	A	P
			13	Lamb, M	A	A	P
			14	Adkins, J	A	A	P
			15	Simons, M	A	A	P
			16	de Kler, K	A	A	P
17	Ingersoll, A	A	A	P			
18	Kirschvink, J	A	A	P			
19	Yung, Y	A	A	P			

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GEOLOGY							
Ge 101	3-0-6	Introduction to Geology and Geochemistry <i>Field Trip: TBA // taught concurrently with Ge 011A</i>	01	Present, T	MWF 14:00 - 14:55	251 ARM	
Ge 108	3-0-6	Applications of Physics to the Earth Sciences	01	Brown, M	TR 09:00 - 10:25	176 SMD	
Ge 109	+	Oral Presentation <i>Section 1: Geochemistry // Section 2 & 3: Geobiology</i>	01	Tissot, F	A	A	P
			02	Sessions, A	A	A	P
			03	Orphan, V	A	A	P
Ge 114	3-4-2	Mineralogy	01	Rossmann, G	TR 16:00 - 17:55 MTR 15:00 - 15:55	251 ARM 251 ARM	
Ge 121A	0-9-3	Advanced Field Geology	01	Avouac, J	OM,T 11:00 - 11:55	215 NMD	
Ge 125	3-5-4	Geomorphology	01	Lamb, M	MWF 11:00 - 11:55 F 14:00 - 16:55	251 ARM 311 NMD	
Ge/Ay 133	3-0-6	The Formation and Evolution of Planetary Systems	01	Batygin, K	MWF 13:00 - 13:55	162 SMD	
Ge 136A	1-0-2	Regional Field Geology of the Southwestern United States	01	Kirschvink, J	OM,T 17:00 - 17:55	REMOTE	P
Ge 141	3-0-6	Isotopes Cosmochemistry	01	Tissot, F	TR 09:00 - 10:25	215 NMD	
Ge 151	3-3-3	Planetary Surfaces	01	de Kleer, K	TR 13:00 - 14:25	176 SMD	
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>taught concurrently with Ae/AM/CE/ME 102A</i>	01	Rosakis, A	TR 09:00 - 10:25	135 GTL	
Ge 161	3-0-6	Plate Tectonics	01	Stock, J	TR 13:00 - 14:25	215 NMD	
Ge 165	3-0-6	Geophysical Data Analysis and Seismic Imaging	01	Clayton, R	MWF 09:00 - 09:55	162 SMD	

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GEOLOGY							
Ge 167	3-0-6	Tectonic Geodesy <i>class cancelled, will be offered winter term</i>	01	Simons, M	A	A	G
Ge 215	3-0-6	Topics in Advanced Petrology	01	Asimow, P	MWF 10:00 - 10:55	267 ARM	
Ge/ESE/Bi 248	2-0-4	Environmental Justice <i>taught concurrently with Hum 61, maximum enrollment: 15 students</i>	01	Orphan, V / Mushkin, H	T 13:00 - 14:55	151 ARM	
Ge 297	+	Advanced Study	01	Adkins, J	A	A	P
			02	Wennberg, P	A	A	P
			03	Clayton, R	A	A	P
			04	Asimow, P	A	A	P
			05	Blake, G	A	A	P
			06	Stock, J	A	A	P
			07	Eiler, J	A	A	P
			08	Farley, K	A	A	P
			09	Jackson, J	A	A	P
			10	Bordoni, S	A	A	P
			11	Gurnis, M	A	A	P
			12	Grotzinger, J	A	A	P
			13	Howard, A	A	A	P
			14	Rossmann, G	A	A	P
			15	Schneider, T	A	A	P
			16	Kirschvink, J	A	A	P
			17	Kulkarni, S	A	A	P
			18	Ingersoll, A	A	A	P
			19	Brown, M	A	A	P
			20	Ehlmann, B	A	A	P
			21	Zhan, Z	A	A	P
			22	Leadbetter, J	A	A	P
			23	Bucholz, C	A	A	P
			24	Saleeby, J	A	A	P
			26	Simons, M	A	A	P

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GEOLOGY							
Ge 297	+	Advanced Study	27	Stevenson, D	A	A	P
			29	Stolper, E	A	A	P
			30	Lamb, M	A	A	P
			31	Fischer, W	A	A	P
			35	Orphan, V	A	A	P
			36	Yung, Y	A	A	P
			37	Avouac, J	A	A	P
			38	Lapusta, N	A	A	P
			39	Aharonson, O	A	A	P
			40	Wernicke, B	A	A	P
			41	Newman, D	A	A	P
			42	Sessions, A	A	A	P
			44	Tsai, V	A	A	P
			45	Knutson, H	A	A	P
			47	Batygin, K	A	A	P
			48	Zhan, Z	A	A	P
49	Tissot, F	A	A	P			
50	Ross, Z	A	A	P			
51	de Kleer, K	A	A	P			
52	Thompson, A	A	A	P			
Ge/ESE 298	+	Mentoring and Outreach <i>meets Mondays from 11-12:30 in 212 NMD</i>	01	Newman, D	A	A	P
			02	Sessions, A	A	A	P
			03	Fischer, W	A	A	P
			04	Avouac, J / Bucholz, C	A	A	P
			05	Thompson, A	A	A	P
Ge 299	+	Thesis Research	01	Adkins, J	A	A	P
			02	Ehlmann, B	A	A	P
			03	Heaton, T	A	A	P
			04	Asimow, P	A	A	P
			05	Blake, G	A	A	P
			06	Brown, M	A	A	P
			07	Clayton, R	A	A	P
			08	Eiler, J	A	A	P

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GEOLOGY							
Ge 299	+	Thesis Research	09	Grotzinger, J	A	A	P
			10	Gurnis, M	A	A	P
			11	Burnett, D	A	A	P
			13	Ingersoll, A	A	A	P
			14	Jackson, J	A	A	P
			15	Simons, M	A	A	P
			16	Avouac, J	A	A	P
			17	Newman, D	A	A	P
			19	Lapusta, N	A	A	P
			20	Rossman, G	A	A	P
			21	Fischer, W	A	A	P
			22	Saleeby, J	A	A	P
			23	Farley, K	A	A	P
			24	Sessions, A	A	A	P
			25	Stevenson, D	A	A	P
			26	Stock, J	A	A	P
			27	Stolper, E	A	A	P
			28	Lamb, M	A	A	P
			29	Knutson, H	A	A	P
			30	Kulkarni, S	A	A	P
			31	Bucholz, C	A	A	P
			32	Wernicke, B	A	A	P
			33	Leadbetter, J	A	A	P
			34	Yung, Y	A	A	P
			35	Batygin, K	A	A	P
			36	Kirschvink, J	A	A	P
			37	Orphan, V	A	A	P
			38	Schneider, T	A	A	P
			40	Tsai, V	A	A	P
			41	Tissot, F	A	A	P
			42	Bordoni, S	A	A	P
			43	Zhan, Z	A	A	P
			44	Ross, Z	A	A	P

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GEOLOGY							
Ge 299	+	Thesis Research	45	de Kleer, K	A	A	P
			46	Thompson, A	A	A	P
HISTORY							
Hum/H 001	3-0-6	The Classical and Medieval Worlds <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Brown, W	TR 14:30 - 15:55	127 BAX	
Hum/H 011	3-0-6	Love and Death: Using Demography to Study the History of Europe from 1700 <i>class cancelled</i>	01	Staff	A	A	
Hum/H/HPS 016	3-0-6	Visualizing the Heavens: Images and Instruments of Early Modern Astronomy <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Gaida, M	TR 14:30 - 15:55	115 BCK	
H 098	+	Reading in History <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
H 099A	1-0-8	Research Tutorial <i>Instructor permission required prior to registering</i>	01	Dykstra, M	A	A	
H 124	3-0-6	Russia <i>maximum enrollment: 20 students</i>	01	Dennison, T	TR 13:00 - 14:25	125 BAX	
H 133	3-0-6	Forests and Humans <i>maximum enrollment: 15 students</i>	01	Lewis, D	T 19:00 - 21:55	125 BAX	G
H 138	3-0-6	The Way <i>maximum enrollment: 15 students per section</i>	01	Dykstra, M	T 19:00 - 21:55	128 BAX	
			02	Dykstra, M	W 19:00 - 21:55	128 BAX	
HPS/H 173	3-0-6	Classification and its Consequences in Modern Biology and Medicine <i>maximum enrollment: 15 students // class full, contact instructor for waitlist</i>	01	Kollmer, C	TR 14:30 - 15:55	B119 BAX	

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HISTORY							
HPS/H 176	3-0-6	The Occult Origins of Modern Science: Alchemy, Astrology, and Magic <i>maximum enrollment: 18 students</i>	01	Gaida, M	TR 10:30 - 11:55	125 BAX	
HISTORY AND PHILOSOPHY OF SCIENCE							
Hum/H/HPS 016	3-0-6	Visualizing the Heavens: Images and Instruments of Early Modern Astronomy <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Gaida, M	TR 14:30 - 15:55	115 BCK	
HPS098	+	Reading in History and Philosophy of Science <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
HPS102A	+	Senior Research Seminar <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
HPS103	1-0-0	Public Lecture Series <i>class cancelled</i>	01	Kormos-Buchwald, D	A	A	P
HPS/PI 123	3-0-6	Introduction to the Philosophy of Physics <i>maximum enrollment: 15 students</i>	01	Sebens, C	TR 13:00 - 14:25	TR DAB	
HPS/PI 125	3-0-6	Philosophical Issues in Quantum Physics <i>maximum enrollment: 15 students</i>	01	Sebens, C	TR 14:30 - 15:55	TR DAB	
HPS/PI 136	3-0-6	Happiness and the Good Life <i>open by lottery only; see link on the REGIS home page to enter by May 18th // maximum enrollment: 15 students</i>	01	Quartz, S	TR 13:00 - 14:25	127 BAX	
HPS/H 173	3-0-6	Classification and its Consequences in Modern Biology and Medicine <i>maximum enrollment: 15 students // class full, contact instructor for waitlist</i>	01	Kollmer, C	TR 14:30 - 15:55	B119 BAX	
HPS/H 176	3-0-6	The Occult Origins of Modern Science: Alchemy, Astrology, and Magic	01	Gaida, M	TR 10:30 - 11:55	125 BAX	

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HISTORY AND PHILOSOPHY OF SCIENCE							
HPS/H 176	3-0-6	The Occult Origins of Modern Science: Alchemy, Astrology, and Magic <i>maximum enrollment: 18 students</i>					
HUMANITIES							
Hum/H 001	3-0-6	The Classical and Medieval Worlds <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Brown, W	TR 14:30 - 15:55	127 BAX	
Hum/H 011	3-0-6	Love and Death: Using Demography to Study the History of Europe from 1700 <i>class cancelled</i>	01	Staff	A	A	
Hum/H/HPS 016	3-0-6	Visualizing the Heavens: Images and Instruments of Early Modern Astronomy <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Gaida, M	TR 14:30 - 15:55	115 BCK	
Hum/En 024	3-0-6	The Scientific Imagination in English Literature <i>class cancelled</i>	01	Staff	A	A	
Hum/En 030	+	Reading Animals <i>Class meets TR 2:30-3:55pm in ANB 314 // attendance at first class is required/ maximum enrollment: 15 students // class closed - see instructor for waitlist</i>	01	Hill, A	A	A	P
Hum/En 035	3-0-6	Beginning with Poems <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Pigman, G	TR 14:30 - 15:55	128 BAX	
Hum/En 036	3-0-6	American Literature and Culture <i>class cancelled</i>	01	Staff	A	A	
Hum/PI 040	3-0-6	Right and Wrong <i>attendance at first class is required // maximum enrollment: 15 students // class closed to</i>	01	Quartz, S	TR 14:30 - 15:55	125 BAX	

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HUMANITIES							
Hum/PI 041	3-0-6	Knowledge and Reality <i>attendance at first class is required // maximum enrollment: 15 students per section // class closed - see instructor for waitlist</i>	01	Eberhardt, F	TR 09:00 - 10:25	B119 BAX	
			02	Eberhardt, F	TR 13:00 - 14:25	B119 BAX	
Hum/PI 045	3-0-6	Ethics & AI <i>attendance at first class is required // maximum enrollment: 15 students per section // class closed to continuing students until term start</i>	01	Pham, A	TR 09:00 - 10:25	127 BAX	
			02	Pham, A	TR 13:00 - 14:25	115 BCK	
Hum/VC 050	3-0-6	Introduction to Film <i>attendance at first class is required // maximum enrollment: 15 students // class closed - see instructor for waitlist</i>	01	Jurca, C	TR 13:00 - 14:25	228 BAX	
Hum061	2-0-4	Environmental Justice <i>taught concurrently with Ge/Bi/ESE 248, maximum enrollment: 15 students</i>	01	Mushkin, H / Orphan, V	T 13:00 - 14:55	151 ARM	
Hum115A	3-0-6	Hispanic Cultures in Film and Literature <i>maximum enrollment: 10 students // taught concurrently with L 115A</i>	01	Garcia, D	MW 19:00 - 20:25	127 BAX	
INFORMATION AND DATA SCIENCES							
ACM/IDS 101A	4-4-4	Methods of Applied Mathematics	01	Bruno, O	TR 14:30 - 16:25	213 ANB	
ACM/IDS 104	3-1-5	Applied Linear Algebra <i>Ma 1abc prerequisite enforced</i>	01	Zuev, K	TR 10:30 - 11:55	119 KRK	
CMS/ACM/IDS 107	3-0-9	Linear Analysis with Applications	01	Stuart, A	TR 09:00 - 10:25	213 ANB	
ACM/EE/IDS 116	3-1-5	Introduction to Probability Models <i>Ma 3 or EE 55 prerequisite enforced</i>	01	Zuev, K	TR 09:00 - 10:25	119 KRK	
IDS/Ec/PS 126	3-0-6	Applied Data Analysis	01	Katz, J	MW 10:30 - 11:55	125 BAX	G

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INFORMATION AND DATA SCIENCES							
CS/IDS 142	3-2-4	Distributed Computing	01	Chandy, K	TR 13:00 - 14:25	105 ANB	G
CS/IDS 150A	3-0-6	Probability and Algorithms	01	Schulman, L	MWF 10:00 - 10:55	213 ANB	
IDS197	+	Undergraduate Reading in the Information and Data Sciences	01	Zuev, K	A	A	P
IDS198	+	Undergraduate Projects in Information and Data Sciences	01	Yue, Y	A	A	P
			02	Zuev, K	A	A	P
			03	Abu-Mostafa, Y	A	A	P
			04	Chandrasekaran, V	A	A	P
			05	Murray, R	A	A	P
			06	Zuev, K	A	A	P
IDS199	+	Undergraduate Thesis in the Information and Data Sciences	01	Schulman, L	A	A	P
LANGUAGES							
L 102A	3-0-6	Elementary French <i>maximum enrollment: 15 students</i>	01	Orcel, C	MW 17:00 - 17:55 F 08:00 - 08:55	125 BAX 125 BAX	
L 103A	3-0-6	Intermediate French <i>maximum enrollment: 15 students</i>	01	Merrill, T	MWF 16:00 - 16:55	117 DAB	
L 106A	4-0-5	Elementary Japanese <i>maximum enrollment: 20 students per section // section 2 full, see instructor for waitlist</i>	01	Fujio, M	MTWR 15:00 - 15:55	228 BAX	
			02	Fujio, M	MTWR 16:00 - 16:55	228 BAX	
L 107A	3-0-6	Intermediate Japanese <i>maximum enrollment: 12 students // Taught by Dr. Hirai</i>	01	Toner, R	MW 16:00 - 17:25	115 DAB	
L 108A	3-0-6	Advanced Japanese <i>maximum enrollment: 12 students // Taught by Dr. Hirai</i>	01	Toner, R	TR 16:00 - 17:25	115 DAB	
L/VC 109	3-0-6	Introduction to 20th-Century French Cinema <i>maximum enrollment: 15 students</i>	01	Orcel, C	TR 19:00 - 20:25	B119 BAX	G

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LANGUAGES							
L 110A	3-0-6	Elementary Spanish <i>maximum enrollment: 20 students in section 1, 15 students in section 2</i>	01	Arjona, G	MW 19:00 - 20:25	B119 BAX	
			02	Garcia, D	MWR 12:00 - 12:55	128 BAX	
L 112A	3-0-6	Intermediate Spanish <i>maximum enrollment: 20 students</i>	01	Arjona, G	MW 13:00 - 14:25	B119 BAX	
L 115A	3-0-6	Hispanic Cultures in Film and Literature <i>maximum enrollment: 10 students // taught concurrently with Hum115A</i>	01	Garcia, D	MW 19:00 - 20:25	127 BAX	
L 130A	3-0-6	Elementary German	01	Aebi, A	MWR 13:00 - 13:55	117 DAB	
L 132A	3-0-6	Intermediate German	01	Aebi, A	MWR 12:00 - 12:55	117 DAB	
L 170A	3-0-6	Introduction to Chinese <i>maximum enrollment: 20 students</i>	01	Wang, P	MWF 12:00 - 12:55	B119 BAX	
L 171A	3-0-6	Accelerated Chinese for Heritage Learners <i>maximum enrollment: 20 students</i>	01	Yu, J	WF 10:30 - 11:55	B119 BAX	
L 172A	3-0-6	Intermediate Chinese <i>maximum enrollment: 20 students</i>	01	Yu, J	WF 09:00 - 10:25	B119 BAX	
L 173A	3-0-6	Advanced Chinese <i>maximum enrollment: 20 students</i>	01	Wang, P	TR 17:00 - 18:25	117 DAB	
MATERIALS SCIENCE							
MS 078A	+	Senior Thesis	01	Johnson, W	A	A	P
			02	Fultz, B	A	A	P
			03	Greer, J	A	A	P
			04	Falson, J	A	A	P
			05	Goddard, W	A	A	P
			06	Gharib, M	A	A	P
			07	Ravichandran, G	A	A	P
			08	Minnich, A	A	A	P
			09	Faber, K	A	A	P

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MATERIALS SCIENCE							
MS 078A	+	Senior Thesis	10	Daraio, C	A	A	P
			11	See, K	A	A	P
			12	Gao, W	A	A	P
MS 078C	+	Senior Thesis	01	Fultz, B	A	A	P
			02	Gao, W	A	A	P
MS 100	+	Advanced Work in Materials Science	01	Fultz, B	A	A	P
			02	Lewis, N	A	A	P
			03	Faber, K	A	A	P
			04	Davis, M	A	A	P
			05	Daraio, C	A	A	P
			06	Falson, J	A	A	P
			07	Greer, J	A	A	P
APh/MS 105A	3-0-6	States of Matter <i>taught concurrently with Ae/ME 118</i>	01	Minnich, A	TR 14:30 - 15:55	115 GTL	
MS 110A	1-0-0	Materials Research Lectures	01	Fultz, B	W 16:00 - 16:55	147 NYS	P
MS 115	3-0-6	Fundamentals of Materials Science <i>Class will meet in Steele 125 on 10/21/22</i>	01	Faber, K	MWF 09:00 - 09:55	115 GTL	
MS 132	3-0-6	Diffraction and Structure	01	Fultz, B	TR 09:00 - 10:25	104 WAT	
MS 200	+	Advanced Work in Materials Science	01	Ahn, C	A	A	P
			02	Atwater, H	A	A	P
			03	Greer, J	A	A	P
			04	Fultz, B	A	A	P
			05	Goddard, W	A	A	P
			06	Yeh, N	A	A	P
			07	Johnson, W	A	A	P
			08	Kornfield, J	A	A	P
			09	Gao, W	A	A	P
			10	Cushing, S	A	A	P
			11	Daraio, C	A	A	P

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MATERIALS SCIENCE										
MS 200	+	Advanced Work in Materials Science	13	Ortiz, M	A	A	P			
			14	Roukes, M	A	A	P			
			15	Lewis, N	A	A	P			
			16	Minnich, A	A	A	P			
			18	Bhattacharya, K	A	A	P			
			19	Faber, K	A	A	P			
			21	Bernardi, M	A	A	P			
			22	Blake, G	A	A	P			
			23	See, K	A	A	P			
			24	Faraon, A	A	A	P			
			25	Falson, J	A	A	P			
			MS 300	+	Thesis Research	01	Atwater, H	A	A	P
						03	Rosakis, A	A	A	P
04	Fultz, B	A				A	P			
05	Goddard, W	A				A	P			
07	Johnson, W	A				A	P			
08	Greer, J	A				A	P			
09	Ortiz, M	A				A	P			
10	Falson, J	A				A	P			
11	Cushing, S	A				A	P			
12	Bernardi, M	A				A	P			
13	Lewis, N	A				A	P			
14	Bhattacharya, K	A				A	P			
15	Minnich, A	A				A	P			
16	Faber, K	A				A	P			
17	See, K	A				A	P			
18	Faraon, A	A				A	P			
MATHEMATICS										
Ma 001A	4-0-5	Calculus of One and Several Variables and Linear Algebra				01	Wu, S	MTWF 10:00 - 10:55	Hameetman Aud CHL	P
				R 19:30 - 20:55	Hameetman Aud CHL					
			02	Katz, N	MWF 10:00 - 10:55	Lecture Hall BAX	P			

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MATHEMATICS							
Ma 001A	4-0-5	Calculus of One and Several Variables and Linear Algebra	02	Katz, N	R 09:00 - 09:55	103 DWN	P
			03	Katz, N	MWF 10:00 - 10:55	Lecture Hall BAX	P
					R 09:00 - 09:55	107 DWN	
			04	Katz, N	MWF 10:00 - 10:55	Lecture Hall BAX	P
					R 10:00 - 10:55	B111 DWN	
			05	Katz, N	MWF 10:00 - 10:55	Lecture Hall BAX	P
					R 10:00 - 10:55	102 STL	
			06	Katz, N	MWF 10:00 - 10:55	Lecture Hall BAX	P
					R 10:00 - 10:55	269 LAU	
			07	Katz, N	MWF 10:00 - 10:55	Lecture Hall BAX	P
					R 13:00 - 13:55	142 KCK	
		MWF 10:00 - 10:55	Lecture Hall BAX	P			
		R 13:00 - 13:55	100 - Rock Auditorium BRD				
		MWF 10:00 - 10:55	Lecture Hall BAX	P			
		R 09:00 - 09:55	B111 DWN				
		MWF 10:00 - 10:55	Lecture Hall BAX	P			
		W 19:00 - 19:55	107 DWN				
		MWF 10:00 - 10:55	Lecture Hall BAX	P			
		R 19:00 - 19:55	107 DWN				
Ma 002	4-0-5	Differential Equations <i>taught concurrently with Ma 102 // Practical Track: Sections 1-5 // Analytical Track: Sections 6-8</i>	01	Makarov, N	MWF 10:00 - 10:55	119 KRK	
					R 09:00 - 09:55	102 STL	
			02	Makarov, N	MWF 10:00 - 10:55	119 KRK	
					R 10:00 - 10:55	310 LINDE	
			03	Makarov, N	MWF 10:00 - 10:55	119 KRK	
					R 13:00 - 13:55	387 LINDE	
			04	Makarov, N	MWF 10:00 - 10:55	119 KRK	
		R 14:00 - 14:55	B111 DWN				
		MWF 10:00 - 10:55	119 KRK				
		R 15:00 - 15:55	103 DWN				
		MWF 10:00 - 10:55	310 LINDE				
		R 10:00 - 10:55	387 LINDE				
		MWF 10:00 - 10:55	310 LINDE				

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MATHEMATICS							
Ma 002	4-0-5	Differential Equations <i>taught concurrently with Ma 102 // Practical Track: Sections 1-5 // Analytical Track: Sections 6-8</i>	07	Hutchcroft, T	R 13:00 - 13:55	469 LAU	
			08	Hutchcroft, T	MWF 10:00 - 10:55	310 LINDE	
					R 19:00 - 19:55	103 DWN	
Ma 005A	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 105a</i>	01	Mantovan, E	MWF 09:00 - 09:55	310 LINDE	
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma/CS 106a</i>	01	Schuelke, B	MWF 13:00 - 13:55	119 KRK	
					R 09:00 - 09:55	187 LINDE	
			02	Schuelke, B	MWF 13:00 - 13:55	119 KRK	
					R 10:00 - 10:55	187 LINDE	
			03	Schuelke, B	MWF 13:00 - 13:55	119 KRK	
		R 13:00 - 13:55	187 LINDE				
			04	Schuelke, B	MWF 13:00 - 13:55	119 KRK	
					R 19:00 - 19:55	187 LINDE	
Ma 008	3-0-0	Problem Solving in Calculus	01	Graber, T	TR 19:30 - 20:55	310 LINDE	P
Ma 010	2-0-1	Oral Presentation	01	Mantovan, E	T 14:30 - 15:55	387 LINDE	P
Ma 017	2-0-2	How to Solve It	01	Mantovan, E	T 19:00 - 20:55	Hameetman Aud CHL	P
Ma 020	1-0-0	Frontiers in Mathematics	01	Mantovan, E	T 12:00 - 12:55	310 LINDE	P
Ma 092A	+	Senior Thesis	01	Mantovan, E	A	A	P
			02	Marcolli, M	A	A	P
			04	Zhu, X	A	A	P
			05	Katz, N	A	A	P
			06	Yu, T	A	A	P
			07	Tamuz, O	A	A	P
			08	Song, A	A	A	P
Ma 097	+	Research in Mathematics	01	Mantovan, E	A	A	P
			02	Conlon, D	A	A	P

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MATHEMATICS							
Ma 097	+	Research in Mathematics	03	Szumowicz, A	A	A	P
Ma 098	+	Independent Reading	01	Mantovan, E	A	A	P
			02	Katz, N	A	A	P
			03	Tamuz, O	A	A	P
			04	Flach, M	A	A	P
			05	Szumowicz, A	A	A	P
Ma 102	4-0-5	Differential Equations <i>taught concurrently with Ma 2 // Section 1 - Practical Track // Section 2 - Analytical Track</i>	01	Makarov, N	MWF 10:00 - 10:55 R 09:00 - 09:55	119 KRK 102 STL	
			02	Hutchcroft, T	MWF 10:00 - 10:55 R 10:00 - 10:55	310 LINDE 387 LINDE	
Ma 105A	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 5a</i>	01	Mantovan, E	MWF 09:00 - 09:55	310 LINDE	
Ma/CS 106A	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma/CS 6a</i>	01	Schuelke, B	R 09:00 - 09:55 MWF 13:00 - 13:55	187 LINDE 119 KRK	
			02	Schuelke, B	MWF 13:00 - 13:55 R 10:00 - 10:55	119 KRK 187 LINDE	
			03	Schuelke, B	MWF 13:00 - 13:55 R 13:00 - 13:55	119 KRK 187 LINDE	
			04	Schuelke, B	MWF 13:00 - 13:55 R 19:00 - 19:55	119 KRK 187 LINDE	
Ma 108A	3-0-6	Classical Analysis	01	Angelopoulos, I	MWF 11:00 - 11:55	310 LINDE	
Ma 109A	3-0-6	Introduction to Geometry and Topology	01	Jang, H	MWF 10:00 - 10:55	187 LINDE	
Ma 110A	3-0-6	Analysis	01	Katz, N	MWF 13:00 - 13:55	187 LINDE	
Ma/CS 117A	3-0-6	Computability Theory	01	Kechris, A	TR 13:00 - 14:25	310 LINDE	

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MATHEMATICS							
Ma 290	+	Reading	14	Owhadi, H	A	A	P
			15	Radziwill, M	A	A	P
			16	Rains, E	A	A	P
			17	Ramakrishnan, D	A	A	P
			18	Tamuz, O	A	A	P
			19	Zhu, X	A	A	P
			20	Kapustin, A	A	A	P
			21	Yu, T	A	A	P
Ma 390	+	Research	01	Conlon, D	A	A	P
			02	Cvitanic, J	A	A	P
			03	Flach, M	A	A	P
			04	Hutcherof, T	A	A	P
			05	Graber, T	A	A	P
			06	Gukov, S	A	A	P
			07	Katz, N	A	A	P
			08	Kechris, A	A	A	P
			09	Makarov, N	A	A	P
			10	Mantovan, E	A	A	P
			11	Marcolli, M	A	A	P
			12	Isett, P	A	A	P
			13	Ni, Y	A	A	P
			14	Owhadi, H	A	A	P
			15	Radziwill, M	A	A	P
			16	Rains, E	A	A	P
			17	Ramakrishnan, D	A	A	P
			18	Tamuz, O	A	A	P
			19	Zhu, X	A	A	P
			20	Yu, T	A	A	P
			21	Kapustin, A	A	A	P
			22	Wang, L	A	A	P
MECHANICAL ENGINEERING							

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MECHANICAL ENGINEERING							
EE/ME 007	2-3-1	Introduction to Mechatronics	01	George, G	MW 13:00 - 13:55	B270 MRE	P
ME 008	1-4-1	Introduction to Robotics	01	Niemeyer, G	W 13:00 - 13:55	135 GTL	P
ME 010	1-0-0	Thinking Like an Engineer	01	Colonus, T	W 12:00 - 12:55	135 GTL	P
ME 011A	3-0-6	Thermal Science	01	Minnich, A	MWF 14:00 - 14:55	135 GTL	
ME 012A	3-0-6	Mechanics	01	Mello, M	TR 13:00 - 14:25	135 GTL	
ME 013	0-4-0	Mechanical Prototyping <i>Maximum enrollment: 30 students between ME 13 and 113 // Student must submit a questionnaire available at https://registrar.caltech.edu/ME13-113FA2022</i>	01	Stovall, P	OM,W 15:00 - 15:55	B224 SPL	P
ME 040	3-0-6	Dimensional and Data Analyses in Engineering	01	Blanquart, G	MWF 14:00 - 14:55	115 GTL	
ME 072A	3-4-2	Engineering Design Laboratory	01	Mello, M / Stovall, P	TR 15:00 - 16:25	135 GTL	G
ME 090A	0-0-9	Senior Thesis, Experimental	01	Minnich, A	A	A	G
ME 100	+	Independent Studies in Mechanical Engineering	01	Hunt, M	A	A	P
			02	Shepherd, J	A	A	P
			03	Colonus, T	A	A	P
			04	Scherer, A	A	A	P
			05	Burdick, J	A	A	P
			06	Minnich, A	A	A	P
			07	Rutledge, D	A	A	P
			09	Perona, P	A	A	P
			11	Daraio, C	A	A	P

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MECHANICAL ENGINEERING							
ME 100	+	Independent Studies in Mechanical Engineering	12	Ames, A	A	A	P
			13	McKeon, B	A	A	P
			14	Orphan, V	A	A	P
			15	Blanquart, G	A	A	P
			16	Gharib, M	A	A	P
			17	Mello, M	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Rosakis, A	TR 09:00 - 10:25	135 GTL	G
ME 110	+	Special Laboratory Work in Mechanical Engineering	01	Ames, A	A	A	P
ME 113	0-4-0	Mechanical Prototyping <i>Maximum enrollment: 30 students between ME 13 and 113 // Student must submit a questionnaire available at https://registrar.caltech.edu/ME13-113FA2022</i>	01	Stovall, P	OM,W 15:00 - 15:55	B224 SPL	P
ME/EE/EST 117	3-0-6	Energy Technology and Policy <i>formerly ME/EE/EST 109</i>	01	Hunt, M	MWF 09:00 - 09:55	135 GTL	
Ae/ME 118	3-0-6	Classical Thermodynamics <i>taught concurrently with APh/MS 105A</i>	01	Minnich, A	TR 14:30 - 15:55	115 GTL	P
ME/CS/EE 133A	3-2-4	Robotics	01	Niemeyer, G	MWF 15:00 - 15:55	135 GTL	
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	135 GTL	P
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>taught concurrently with Ae/AM/CE/ME 102A</i>	01	Rosakis, A	TR 09:00 - 10:25	135 GTL	
ME 200	+	Advanced Work in Mechanical Engineering	01	Burdick, J	A	A	P
			02	Ames, A	A	A	P

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MECHANICAL ENGINEERING							
ME 201	3-0-6	Advanced Topics in Mechanical Engineering <i>class cancelled</i>	01	Bhattacharya, K	A	A	G
Ae/ACM/ME 232A	3-0-6	Computational Fluid Dynamics	01	Bae, H	MWF 14:00 - 14:55	384 FIR	
ME 300	+	Research in Mechanical Engineering	01	Andrade, J	A	A	P
			02	Bellan, P	A	A	P
			03	Bhattacharya, K	A	A	P
			04	Daraio, C	A	A	P
			05	Burdick, J	A	A	P
			06	Colonus, T	A	A	P
			07	Hunt, M	A	A	P
			08	Murray, R	A	A	P
			10	Lewis, N	A	A	P
			11	Ravichandran, G	A	A	P
			12	Shepherd, J	A	A	P
			13	Fultz, B	A	A	P
			14	Greer, J	A	A	P
			15	van de Walle, A	A	A	P
			16	Adkins, J	A	A	P
			18	Lapusta, N	A	A	P
			19	Gharib, M	A	A	P
			20	Brady, J	A	A	P
			21	Schneider, T	A	A	P
			22	Troian, S	A	A	P
			23	Scherer, A	A	A	P
			24	Asimaki, D	A	A	P
			25	Avouac, J	A	A	P
			26	Atwater, H	A	A	P
			27	Blanquart, G	A	A	P
			28	McKeon, B	A	A	P
			29	Hoffmann, M	A	A	P
			30	Kochmann, D	A	A	P

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MECHANICAL ENGINEERING							
ME 300	+	Research in Mechanical Engineering	31	Minnich, A	A	A	P
			32	Ames, A	A	A	P
			33	Pellegrino, S	A	A	P
			34	Stuart, A	A	A	P
			35	Chung, S	A	A	P
			36	Pachter, L	A	A	P
			37	Rosakis, A	A	A	P
			38	Fu, X	A	A	P
			39	Bae, H	A	A	P
MEDICAL ENGINEERING							
MedE 099	+	Undergraduate Research in Medical Engineering	01	Shapiro, M	A	A	P
			02	Tai, Y	A	A	P
			03	Gao, W	A	A	P
			04	Wang, L	A	A	P
MedE 100A	1-0-0	Medical Engineering Seminar	01	Gao, W / Tai, Y / Wang, L	R 16:00 - 16:55	105 ANB	P
MedE 101	3-0-6	Introduction to Clinical Physiology and Pathophysiology for Engineers	01	Petrasek, D	TR 14:30 - 15:55	100 - Rock Auditorium BRD	P
BE/EE/MedE 189A	3-6-3	Design and Construction of Biodevices <i>maximum enrollment: 24 students</i>	01	Bois, J	TR 10:30 - 11:55	B127 KRK	
MedE 199	3-0-6	Special Topics in Medical Engineering: Medical Polymers <i>class cancelled, to be offered winter term</i>	01	Ghodsi, S	A	A	G
MedE 291	+	Research in Medical Engineering	01	Burdick, J	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

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MEDICAL ENGINEERING							
MedE 291	+	Research in Medical Engineering	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
			16	Ismagilov, R	A	A	P
			17	Shapiro, M	A	A	P
			18	Wang, L	A	A	P
			19	Gradinaru, V	A	A	P
			20	Daraio, C	A	A	P
			21	Pachter, L	A	A	P
			22	Kornfield, J	A	A	P
			23	Thomson, M	A	A	P
MUSIC							
Mu 051	3-0-6	Understanding Music <i>class cancelled</i>	01	Staff	A	A	
Mu 052	3-0-6	Fundamentals of Western Music Theory <i>maximum enrollment: 15 students</i>	01	Lu, B	MW 11:00 - 12:25	B133 BAX	
Mu 137	3-0-6	History I: Music History to 1750 <i>class cancelled</i>	01	Staff	A	A	
Mu 138	3-0-6	Themes in Western Music History and Historiography: 1600-1800 <i>maximum enrollment: 15 students</i>	01	Lu, B	MW 14:00 - 15:25	B133 BAX	
NEUROBIOLOGY							
NB 101	1-0-0	Survey of Neurobiology Research at Caltech <i>class will meet in Broad 100 on Friday, Sep 30</i>	01	Lester, H	F 09:00 - 09:55	130 CNRB	P
NB/Bi/CNS 152	2-0-4	Neural Circuits and Physiology of Homeostatic Regulation <i>Class will not meet on 9/27/22, first class meeting will be 10/4/22</i>	01	Oka, Y	T 09:00 - 10:55	B101 BBB	

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NEUROBIOLOGY							
NB/Bi/CNS 162	2-4-6	Cellular and Systems Neuroscience Laboratory <i>maximum enrollment: 15 student // section 2 cancelled</i>	01	Bremner, L	R 13:00 - 16:25	B160 CHR	
NB/Bi/CNS 164	3-0-6	Tools of Neurobiology	01	Meister, M / Rutishauser, U	WF 13:00 - 14:25	B101 BBB	
Bi/CNS/NB 195	3-0-6	Mathematics in Biology	01	Thomson, M	TR 10:30 - 11:55	100 CNRB	
BE/Bi/CNS/NB 197	+	Mentoring and Outreach	01	Bjorkman, P	A	A	P
NB/Bi/CNS 216	2-0-4	Behavior of Mammals <i>class cancelled</i>	01	Staff	A	A	G
NB/Bi/CNS 217	2-0-4	Central Mechanisms in Perception	01	Allman, J	F 14:00 - 15:55	BBE Tent Caltech Hall	
NB 299	+	Graduate Research	01	Adolphs, R	A	A	P
			02	Allman, J	A	A	P
			03	Andersen, R	A	A	P
			04	Anderson, D	A	A	P
			05	Bronner Hansen, M	A	A	P
			06	Dickinson, M	A	A	P
			07	Gradinaru, V	A	A	P
			08	Hong, E	A	A	P
			09	Kennedy, M	A	A	P
			10	Lester, H	A	A	P
			11	Lois, C	A	A	P
			12	Meister, M	A	A	P
			13	Oka, Y	A	A	P
			14	Prober, D	A	A	P
			15	Roukes, M	A	A	P
			16	Shapiro, M	A	A	P
			17	Shimojo, S	A	A	P
			18	Siapas, A	A	A	P

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NEUROBIOLOGY							
NB 299	+	Graduate Research	19	Sternberg, P	A	A	P
			20	Tsao, D	A	A	P
			21	Wagenaar, D	A	A	P
			22	Zinn, K	A	A	P
			23	Yue, Y	A	A	P
			24	Parker, J	A	A	P
PERFORMING AND VISUAL ARTS							
PVA030A	0-3-0	Guitar <i>Sec 1: Beginning Guitar / Sec 2: Intermediate Guitar / Sec 3: Advanced Guitar</i>	01	Elgart, M	T 16:30 - 17:25	Fr Rehearsal Hall HAM	P
			02	Elgart, M	T 15:30 - 16:25	Fr Rehearsal Hall HAM	P
			03	Elgart, M	T 17:30 - 18:25	Fr Rehearsal Hall HAM	P
PVA031A	0-3-0	Chamber Music <i>Sec 1: Mixed Ensembles / Sec 2: Piano four-hands / Sec 3: Guitar Ensemble</i>	01	Jasper White, M	OM,A	Fr Rehearsal Hall HAM	P
			02	Ward, R	OM,A	Fr Rehearsal Hall HAM	P
			03	Elgart, M	OM,A	Fr Rehearsal Hall HAM	P
PVA032A	0-3-0	Symphony Orchestra	01	Price, G	T 19:30 - 22:15	Fr Rehearsal Hall HAM	P
PVA033A	0-3-0	Wind Orchestra	01	Price, G	R 19:15 - 21:25	Fr Rehearsal Hall HAM	P
PVA034A	0-3-0	Jazz Band/Jazz Improvisation	01	Catlin, B	W 19:30 - 21:00	Fr Rehearsal Hall HAM	P
					W 21:15 - 22:55	Fr Rehearsal Hall HAM	
PVA035A	0-3-0	Glee Club	01	Sulahian, N	M 19:00 - 20:25	Fr Rehearsal Hall HAM	P
					W 17:05 - 18:35	Fr Rehearsal Hall HAM	
PVA037A	0-3-0	Chamber Singers	01	Sulahian, N	M 20:40 - 22:00	Fr Rehearsal Hall HAM	P
PVA040A	2-0-1	Theater Arts Production	01	Brophy, B	W 19:00 - 20:25	Ramo Auditorium BAX	P

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PERFORMING AND VISUAL ARTS							
PVA041A	2-0-1	Storytelling for Scientists	01	Brophy, B	W 19:00 - 20:25	Ramo Auditorium BAX	P
PVA042A	2-0-1	Improvisation for Scientists	01	Brophy, B	W 20:30 - 21:55	Ramo Auditorium BAX	P
PVA061A	0-3-0	Silkscreen and Silk Painting <i>maximum enrollment: 13 students</i>	01	Barry, J	M 19:00 - 21:55	Garage TCT	P
PVA062A	0-3-0	Drawing and Painting <i>maximum enrollment: 12 students per section</i>	01	Barry, J	T 19:00 - 21:55	Garage TCT	P
			02	Barry, J	W 19:00 - 21:55	Garage TCT	P
PVA063A	0-3-0	Ceramics <i>maximum enrollment: 10 students</i>	01	Plunkett, L	R 19:00 - 21:55	POLY	P
PHILOSOPHY							
Hum/Pl 040	3-0-6	Right and Wrong <i>attendance at first class is required // maximum enrollment: 15 students // class closed to continuing students until term start</i>	01	Quartz, S	TR 14:30 - 15:55	125 BAX	
Hum/Pl 041	3-0-6	Knowledge and Reality <i>attendance at first class is required // maximum enrollment: 15 students per section // class closed - see instructor for waitlist</i>	01	Eberhardt, F	TR 09:00 - 10:25	B119 BAX	
			02	Eberhardt, F	TR 13:00 - 14:25	B119 BAX	
Hum/Pl 045	3-0-6	Ethics & AI <i>attendance at first class is required // maximum enrollment: 15 students per section // class closed to continuing students until term start</i>	01	Pham, A	TR 09:00 - 10:25	127 BAX	
			02	Pham, A	TR 13:00 - 14:25	115 BCK	
Pl 090A	1-0-8	Senior Thesis <i>Instructor permission required prior to registering</i>	01	Eberhardt, F	A	A	G
Pl 098	+	Reading in Philosophy <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P

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PHILOSOPHY							
HPS/PI 123	3-0-6	Introduction to the Philosophy of Physics <i>maximum enrollment: 15 students</i>	01	Sebens, C	TR 13:00 - 14:25	TR DAB	
HPS/PI 125	3-0-6	Philosophical Issues in Quantum Physics <i>maximum enrollment: 15 students</i>	01	Sebens, C	TR 14:30 - 15:55	TR DAB	
HPS/PI 136	3-0-6	Happiness and the Good Life <i>open by lottery only; see link on the REGIS home page to enter by May 18th // maximum enrollment: 15 students</i>	01	Quartz, S	TR 13:00 - 14:25	127 BAX	
PHYSICAL EDUCATION							
PE 001	3-0-0	Wellness <i>maximum enrollment: 18 students per section</i>	01	Morgan, H	TR 10:30 - 11:55	BAC	P
PE 002	3-0-0	Student Designed Fitness <i>may only be taken once // maximum enrollment: 18 students</i>	01	Morgan, H	MW 11:00 - 12:55	BAC	P
PE 003	3-0-0	Hiking <i>may only be taken once // maximum enrollment: 14 students</i>	01	Jordan, J	F 09:00 - 12:55	BAC	P
PE 004	3-0-0	Introduction to Power Walking <i>class cancelled</i>	01	Morgan, H	A	A	P
PE 006	3-0-0	Core Training, Beginning/Intermediate <i>maximum enrollment: 18 students</i>	01	Tarakchian, A	MW 13:00 - 14:25	BAC	P
PE 010	3-0-0	Aerobic Dance <i>maximum enrollment: 18 students</i>	01	Waterman, D	MW 15:00 - 16:25	BAC	P
PE 024	3-0-0	Yoga, Beginning <i>maximum enrollment: 18 students per section</i>	01	Chiang, N	MW 11:00 - 12:25	BAC	P
			02	Chiang, N	TR 09:00 - 10:25	BAC	P
PE 036	3-0-0	Swimming, Beginning/Intermediate <i>beginning // maximum enrollment: 8 students</i>	01	Beene, S	TR 10:30 - 11:55	BAC	P
PE 048	3-0-0	T'ai-Chi Ch'uan, Beginning and Intermediate <i>maximum enrollment: 12 students</i>	01	Eslinger, O	TR 09:00 - 10:25	BAC	P

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PHYSICAL EDUCATION							
PE 050	3-0-0	Badminton, Beginning/Intermediate <i>maximum enrollment: 12 students</i>	01	Whitehead, K	MW 09:00 - 10:25	BAC	P
PE 060	3-0-0	Tennis, Beginning and Intermediate <i>maximum enrollment: 16 students</i>	01	Weintraub, B	MW 13:00 - 14:25	BAC	P
PE 070	3-0-0	Weight Training, Beginning <i>maximum enrollment: 16 students</i>	01	Whitehead, K	TR 13:00 - 14:25	BAC	P
PE 081	3-0-0	Bouldering <i>maximum enrollment: 12 students</i>	01	Herbison, J	TR 14:30 - 15:55	BAC	P
PE 082	3-0-0	Rock Climbing, Beginning and Intermediate <i>maximum enrollment: 12 students</i>	01	Herbison, J	TR 13:00 - 14:25	BAC	P
PE 087A	3-0-0	Intercollegiate Swimming and Diving Teams <i>Open to NCAA eligible students only</i>	01	Brabson, A	MTWRFS 16:00 - 16:55	BAC	P
PE 090A	3-0-0	Intercollegiate Water Polo Teams <i>Open to NCAA eligible students only</i>	01	Bonafede, J	MTWRFS 16:00 - 17:55	BAC	P
PE 091A	3-0-0	Intercollegiate Basketball Teams <i>Open to NCAA eligible students only</i>	01	Eslinger, O	MTWRFS 16:00 - 17:55	BAC	P
PE 092	3-0-0	Intercollegiate Soccer Teams <i>Open to NCAA eligible students only</i>	01	Gillis, D / Clark, J	MTWRFS 16:00 - 17:55	BAC	P
PE 097	3-0-0	Intercollegiate Cross-Country Teams <i>Open to NCAA eligible students only</i>	01	Blake, K	MTWRFS 16:00 - 17:55	BAC	P
PE 099	3-0-0	Intercollegiate Volleyball Team <i>Open to NCAA eligible students only</i>	01	Gardner, T	MTWRFS 16:00 - 17:55	BAC	P
PHYSICS							
Ph 001A	4-0-5	Classical Mechanics and Electromagnetism	01	Cheung, C	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 107 DWN	P
			02	Cheung, C	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 269 LAU	P
			03	Cheung, C	WF 11:00 - 11:55	201 BRG	P

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PHYSICS							
Ph 001A	4-0-5	Classical Mechanics and Electromagnetism	03	Cheung, C	MR 13:00 - 13:55	103 DWN	P
			04	Cheung, C	WF 11:00 - 11:55	201 BRG	P
					MR 15:00 - 15:55	B111 DWN	
			05	Cheung, C	WF 11:00 - 11:55	201 BRG	P
					MR 13:00 - 13:55	B111 DWN	
			06	Cheung, C	WF 11:00 - 11:55	201 BRG	P
					MR 15:00 - 15:55	102 STL	
			07	Cheung, C	WF 11:00 - 11:55	201 BRG	P
					MR 13:00 - 13:55	102 STL	
			08	Cheung, C	WF 11:00 - 11:55	201 BRG	P
		MR 15:00 - 15:55	310 LINDE				
09	Cheung, C	WF 11:00 - 11:55	201 BRG	P			
		MR 13:00 - 13:55	153 NYS				
10	Cheung, C	WF 11:00 - 11:55	201 BRG	P			
		MR 15:00 - 15:55	107 DWN				
Ph 002A	4-0-5	Waves, Quantum Mechanics, and Statistical Physics	01	Hildebrandt, S	T 11:00 - 11:55	201 BRG	
					WF 11:00 - 11:55	B111 DWN	
					R 11:00 - 11:55	269 LAU	
			02	Hildebrandt, S	T 11:00 - 11:55	201 BRG	
					WF 13:00 - 13:55	107 DWN	
					R 11:00 - 11:55	269 LAU	
			03	Hildebrandt, S	T 11:00 - 11:55	201 BRG	
					WF 15:00 - 15:55	107 DWN	
		R 11:00 - 11:55	269 LAU				
04	Hildebrandt, S	T 11:00 - 11:55	201 BRG				
		WF 11:00 - 11:55	269 LAU				
		R 11:00 - 11:55	269 LAU				
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	
			02	Black, E / Libbrecht, K	R 13:00 - 15:55	308 BRG	
			03	Black, E / Libbrecht, K	F 13:00 - 15:55	308 BRG	
Ph 005	0-5-4	Analog Electronics for Physicists	01	Rice, F / Libbrecht, K	OM,T 16:00 - 16:55	201 BRG	

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PHYSICS							
FS/Ph 009	2-0-4	First-Year Seminar: The Science of Music <i>Maximum enrollment: 12 students</i>	01	Politzer, H	MF 13:00 - 13:55	387 LINDE	P
Ph 010	2-0-1	Frontiers in Physics <i>maximum enrollment: 33 students // open to first-years and sophomores</i>	01	Spiropulu, M	W 12:00 - 13:55	269 LAU	P
FS/Ph 011A	2-0-4	First-Year Seminar: Beyond Physics	01	Phillips, R	A	A	P
Ph 012A	4-0-5	Waves, Quantum Physics, and Statistical Mechanics <i>Recitation time and location will be determined during the first week of classes.</i>	01	Zmuidzinas, J	T 10:30 - 11:55 R 10:30 - 11:55	269 LAU 201 BRG	
Ph 020	0-6-0	Computational Physics Laboratory I	01	Mach, C / Weinstein, A	W 11:00 - 11:55 F 14:00 - 14:55	255 LINDE 255 LINDE	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,T 15:00 - 15:55	210 BRG	
Ph 077B	0-5-4	Advanced Physics Laboratory	01	Black, E / Libbrecht, K	OM,T 15:00 - 15:55	210 BRG	
Ph 077C	0-5-4	Advanced Physics Laboratory	01	Black, E / Libbrecht, K	OM,T 15:00 - 15:55	210 BRG	
Ph 078A	9-0-0	Senior Thesis (Experiment)	01	Libbrecht, K	A	A	P
Ph 079A	9-0-0	Senior Thesis (Theory)	01	Libbrecht, K	A	A	P
Ph 105	3-0-6	Analog Electronics for Physicists	01	Rice, F / Libbrecht, K	OM,T 16:00 - 16:55	201 BRG	
Ph 106A	4-0-5	Topics in Classical Physics <i>Recitation time and location will be determined during the first week of classes.</i>	01	Sahakian, V	TR 10:30 - 11:55	107 DWN	

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PHYSICS							
Ph 125A	4-0-5	Quantum Mechanics <i>Recitation time and location will be determined during the first week of classes.</i>	01	Porter, F	MWF 10:00 - 10:55	107 DWN	
Ph 127A	4-0-5	Statistical Physics of Interacting Systems, Phases, and Phase Transitions <i>Recitation time and location will be determined during the first week of classes.</i>	01	Motrunich, O	MW 13:00 - 14:25	201 BRG	
Ph 129A	4-0-5	Mathematical Methods of Physics <i>topic: Group Theoretic Methods in Physics // Recitation time and location will be determined during the first week of classes.</i>	01	Chen, X	TR 14:30 - 15:55	Hameetman Aud CHL	
Ph 135	3-0-6	Introduction to Condensed Matter	01	Refael, G	TR 13:00 - 14:25	201 BRG	
Ph 136A	3-0-6	Applications of Classical Physics	01	Sahakian, V	TR 13:00 - 14:25	269 LAU	
Ph/APh 137A	3-0-6	Atoms and Photons	01	Hutzler, N	TR 10:30 - 11:55	103 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
			13	Filippone, B	A	A	P
			14	Golwala, S	A	A	P

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PHYSICS							
Ph 171	+	Reading and Independent Study	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
			46	Schwarz, J	A	A	P
			47	Simmons-Duffin, D	A	A	P

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PHYSICS							
Ph 171	+	Reading and Independent Study	48	Spiropulu, M	A	A	P
			49	Stone, E	A	A	P
			50	Teukolsky, S	A	A	P
			51	Trojan, 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
			60	Chan, G	A	A	P
			61	Batygin, K	A	A	P
			62	Zurek, K	A	A	P
			63	McCuller, L	A	A	P
			Ph 172	+	Research in Physics	01	Adhikari, R
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
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

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PHYSICS							
Ph 172	+	Research in Physics	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
			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			

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PHYSICS							
Ph 172	+	Research in Physics	53	Wise, M	A	A	P
			54	Yeh, N	A	A	P
			55	Yue, Y	A	A	P
			56	Zmuidzinas, J	A	A	P
			57	Kirby, E	A	A	P
			58	Faraon, A	A	A	P
			59	Kasliwal, M	A	A	P
			60	Ravi, V	A	A	P
			61	Chan, G	A	A	P
			62	Zurek, K	A	A	P
			63	Chatzioannou, K	A	A	P
			64	Cisse, I	A	A	P
			65	Dore, O	A	A	P
			66	Thomson, M	A	A	P
			67	Bellan, P	A	A	P
			68	Gregoire, J	A	A	P
69	McCuller, L	A	A	P			
70	Yeh, N	A	A	P			
71	Wang, Z	A	A	P			
72	Ghaffari, A	A	A	P			
Ph 205A	3-0-6	Relativistic Quantum Field Theory	01	Wise, M	MW 10:30 - 11:55	103 DWN	P
Ph/CS 219A	3-0-6	Quantum Computation	01	Kitaev, A	MW 14:30 - 15:55	201 BRG	P
Ph 230A	3-0-6	Elementary Particle Theory	01	Simmons-Duffin, D	MW 09:00 - 10:25	469 LAU	
Ph 235A	3-0-6	Theoretical Cosmology and Astroparticle Physics	01	Zurek, K	W 12:00 - 13:25	469 LAU	P
Ph 242A	2-0-2	Physics Seminar	01	Patterson, R	F 11:00 - 12:15	269 LAU	P

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PHYSICS							
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
			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

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PHYSICS										
Ph 300	+	Thesis Research	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			
			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			
			57	Ravi, V	A	A	P			
			58	Chatziioannou, K	A	A	P			
			POLITICAL SCIENCE							
			PS 012	3-0-6	Introduction to Political Science	01	Ordeshook, P	MWF 15:00 - 15:55	Lecture Hall BAX	
PS 097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P			

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POLITICAL SCIENCE							
PS 099A	3-0-6	Political Science Research Seminar <i>Designated as Writing Intensive Course // Instructor permission required prior to registering</i>	01	Ordeshook, P	A	A	
			02	Alvarez, R	A	A	
IDS/Ec/PS 126	3-0-6	Applied Data Analysis	01	Katz, J	MW 10:30 - 11:55	125 BAX	G
An/PS 127	3-0-6	Corruption <i>maximum enrollment: 10 students // Designated as Writing Intensive Course</i>	01	Ensminger, J	MW 14:30 - 15:55	128 BAX	G
PSYCHOLOGY							
Ec/Psy 106	3-0-6	Behavioral Game Theory	01	Camerer, C	TR 10:30 - 11:55	B125 BAX	
Psy283A	1.5-0-1.5	Graduate Proseminar in Social and Decision Neuroscience <i>this course is only open to graduate students in the Social and Decision Neuroscience, Computational and Neural Systems and Social Science PhD programs</i>	01	O'Doherty, J	T 14:30 - 15:55	320 BRN	P
SS/Psy/CNS 285	1.5-0-1.5	Topics in Social, Cognitive, and Decision Sciences	01	Adolphs, R	M 19:00 - 20:25	125 BAX	P
SCIENTIFIC AND ENGINEERING COMMUNICATION							
SEC010	3-0-0	Technical Seminar Presentations <i>maximum enrollment: 18 students per section // to be added to the waitlist after class fills, go to http://registrar.caltech.edu/SEC10WaitlistForm</i>	01	Javier, R	MWF 09:00 - 09:55	228 BAX	G
			02	Javier, R	MWF 10:00 - 10:55	228 BAX	G
			03	Dabiri, M	MWF 11:00 - 11:55	228 BAX	G
SEC011	1-0-2	Written Academic Communication in Engineering and Applied Science <i>Open to E&AS seniors only // Maximum enrollment: 20 students // to be added to waitlist go to http://registrar.caltech.edu/SEC11-12-13WaitlistForm</i>	01	Meyer, V	R 12:00 - 12:55	104 WAT	G

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SCIENTIFIC AND ENGINEERING COMMUNICATION							
SEC012	1-0-2	Written Professional Communication in Engineering and Applied Science <i>class cancelled</i>	01	Staff	A	A	G
SEC013	1-0-2	Written Communication about Engineering and Applied Sciences to Non-Specialists <i>Open to E&AS seniors only // Maximum enrollment: 20 students per section // to be added to waitlist go to http://registrar.caltech.edu/SEC11-12-13WaitlistForm</i>	01 02	Burkett, E Bickford, C	W 11:00 - 11:55 F 10:00 - 10:55	104 WAT 104 WAT	G G
SEC100	+	Special Topics in Scientific and Engineering Communication <i>Sec 1: Independent Projects in SEC</i>	01	Javier, R	A	A	
SEC111	3-0-3	Effective Communication Strategies for Engineers and Scientists <i>Effective Communication Strategies for Engineers and Scientists // Limited to 18 students, by application only. Priority given to EAS grad students. To apply, go to http://registrar.caltech.edu/SEC111application</i>	01	Javier, R	TR 09:00 - 10:25	228 BAX	P
SOCIAL SCIENCE							
SS 201A	3-0-6	Analytical Foundations of Social Science <i>Open to Social Science graduate students only</i>	01	Tamuz, O	TR 13:00 - 14:25	237 BAX	G
SS 202A	3-0-6	Political Theory <i>Open to Social Science graduate students only</i>	01	Hirsch, A	M 13:00 - 14:25 W 14:30 - 15:55	125 BAX B119 BAX	G
SS 205A	3-0-6	Foundations of Economics <i>Open to Social Science graduate students only</i>	01	Caradonna, P	TR 10:30 - 11:55	B119 BAX	G
SS 210A	3-0-6	Foundations of Political Economy	01	Hirsch, A	TR 14:30 - 15:55	237 BAX	G
SS 211A	3-0-6	Advanced Economic Theory	01	Saito, K	MW 14:30 - 15:55	125 BAX	

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SOCIAL SCIENCE							
SS 212A	3-0-6	Experimental Economics <i>class cancelled</i>	01	Staff	A	A	
SS 213A	3-0-6	Financial Economics	01	Cvitanic, J	TR 17:00 - 18:25	125 BAX	
SS 222A	3-0-6	Econometrics <i>Open to graduate students only</i>	01	Shum, M	F 13:00 - 15:55	128 BAX	G
SS 223A	3-0-6	Topics in Theoretical and Applied Econometrics	01	Sherman, R	WF 10:30 - 11:55	128 BAX	
SS 224	3-3-3	Social Science Data	01	Alvarez, R	MWF 09:00 - 09:55	127 BAX	G
SS 231A	3-0-6	American and Comparative Politics <i>Open to graduate students only; prereq SS 202abc</i>	01	Katz, J	W 13:00 - 15:55	127 BAX	G
SS 281	3-0-6	Graduate Social Science Writing Seminar	01	Hoffman, P	TR 14:30 - 15:55	104 WAT	P
SS 282A	1.5-0-1.5	Graduate Proseminar in Social Science	01	Xin, Y	M 14:30 - 15:55	B125 BAX	P
SS/Psy/CNS 285	1.5-0-1.5	Topics in Social, Cognitive, and Decision Sciences	01	Adolphs, R	M 19:00 - 20:25	125 BAX	P
SS 300	+	Research in Social Science	01	Ewens, M	A	A	P
			02	Plott, C	A	A	P
			03	Echenique, F	A	A	P
			04	Camerer, C	A	A	P
			05	Katz, J	A	A	P
			06	Cvitanic, J	A	A	P
			08	Tamuz, O	A	A	P
			09	Rangel, A	A	A	P
			10	Kiewiet, D	A	A	P
			11	Alvarez, R	A	A	P
			12	Sherman, R	A	A	P

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
SOCIAL SCIENCE							
SS 300	+	Research in Social Science	13	Pomatto, L	A	A	P
			14	Adolphs, R	A	A	P
			16	Rosenthal, J	A	A	P
			18	Palfrey, T	A	A	P
			19	Shum, M	A	A	P
			22	Hoffman, P	A	A	P
			23	O'Doherty, J	A	A	P
			25	Mobbs, D	A	A	P
			26	Agranov, M	A	A	P
			27	Hirsch, A	A	A	P
			29	Sprenger, C	A	A	P
			30	Nielsen, K	A	A	P
STUDENT ACTIVITIES							
SA 016A	0-3-0	Cooking Basics <i>maximum enrollment: 20 students</i>	01	Mannion, T	R 18:30 - 21:25	Library AVE	P
SA 080A	1-1-1	Health Advocates <i>maximum enrollment: 24 students per section</i>	01	Stapf, M	W 19:00 - 21:55	132 YHC	P
			02	Stapf, M	R 19:00 - 21:55	132 YHC	P
STUDY ABROAD							
CAM100	36-0-0	Cambridge Scholars Program	01	Staff	A	A	P
EPT100	36-0-0	Ecole Polytechnique Scholars Program	01	Staff	A	A	P
MEL100	36-0-0	Melbourne Scholars Program	01	Staff	A	A	P
UCH100	36-0-0	University of Chicago Scholars Program	01	Staff	A	A	P
UCL100	36-0-0	University College London Scholars Program	01	Staff	A	A	P

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STUDY ABROAD							
CPH100	36-0-0	Copenhagen Scholars Program	01	Staff	A	A	P
EDN100	36-0-0	University of Edinburgh Scholars Program	01	Staff	A	A	P
VISUAL CULTURE							
Hum/VC 050	3-0-6	Introduction to Film <i>attendance at first class is required // maximum enrollment: 15 students // class closed - see instructor for waitlist</i>	01	Jurca, C	TR 13:00 - 14:25	228 BAX	
L/VC 109	3-0-6	Introduction to 20th-Century French Cinema <i>maximum enrollment: 15 students</i>	01	Orcel, C	TR 19:00 - 20:25	B119 BAX	G
En/VC 172	3-0-6	Heritage Studies <i>maximum enrollment: 15 students // class closed, contact instructor for waitlist</i>	01	Jurca, C	TR 10:30 - 11:55	127 BAX	
WRITING							
Wr 002	3-0-6	Introduction to Academic Writing <i>open to undergraduate students only // max enrollment: 12 students per section</i>	01	Schneiderman, J	TR 09:00 - 10:25	117 DAB	P
			02	Sherazi, M	TR 13:00 - 14:25	115 DAB	P
			03	Sherazi, M	TR 14:30 - 15:55	115 DAB	P
			04	Sherazi, M	TR 09:00 - 10:25	115 DAB	P
			05	Hall, S	TR 14:30 - 15:55	117 DAB	P
Wr 050	+	Tutorial in Writing	01	Hall, S	A	A	P