

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	Music	
BRN	Braun Laboratory	NMD	North Mudd Building of Geological Sciences
BRW	Brown Gym	NYS	Noyes Laboratory of Chemical Physics
CHL	Cahill Center for Astronomy and Astrophysics	NewMedia	NewMedia Classroom
CHR	Church Laboratory of Chemical Biology	POLY	Polytechnic School
CNRB	Tianqiao and Chrissy Chen Neuroscience Research Building	PWL/BTH	Powell/Booth Laboratory
CRL	Crellin Chemistry Laboratory	REMOTE	
CSS	Center for Student Services	SCH	Schlinger Laboratory
Caltech		SFL	Sherman Fairchild Library
DAB	Dabney Hall of Humanities	SLN	Sloan Laboratory of Mathematics and Physics
DWN	Downs Physics Laboratory	SMD	South Mudd Building of Geophysics and Planetary Sciences
FIR	Firestone Flight Science Laboratory	SPL	Spaulding Laboratory of Chemical Engineering
GCL	Gates Chemical Laboratory	STL	Steele Laboratory of Electrical Engineering
GTL	Gates-Thomas Engineering Laboratory	TCT	Theater Arts at Caltech (TACIT)
GUG	Guggenheim Laboratory	WAT	Watson Laboratory of Applied Physics
HAM	Hameetman Center	YHC	Young Health Center

GRADING SCHEME

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

TIMES/LOCATION/UNITS

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

DAYS OF THE WEEK

M = Monday	R = Thursday
T = Tuesday	F = Friday
W = Wednesday	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	Bae, H	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Lapusta, N	TR 09:00 - 10:25	135 GTL	G
Ae 103A	3-0-6	Aerospace Control Systems	01	Rahmani, A	MW 14:30 - 15:55	232 GUG	
Ae/APh 104A	3-0-6	Experimental Methods	01	Dabiri, J	MW 08:30 - 09:55	133 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	01	Dimotakis, P	TR 13:00 - 14:25	232 GUG	P
Ae 121A	3-0-6	Space Propulsion	01	Polk, J	TR 13:00 - 14:25	133 GUG	
Ae 150A	1-0-0	Aerospace Engineering Seminar	01	Austin, J	M 13:00 - 13:55	133 GUG	P
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>taught concurrently with Ae/AM/CE/ME 102A</i>	01	Lapusta, N	TR 09:00 - 10:25	135 GTL	

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AEROSPACE							
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	Troian, S	A	A	P
			20	Schneider, T	A	A	P
			21	Greer, J	A	A	P
			22	Andrade, J	A	A	P
			24	Gurnis, M	A	A	P
			25	Minnich, A	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
			32	Mawet, D	A	A	P
			33	Heaton, T	A	A	P
			34	Meiron, D	A	A	P
			35	Hunt, M	A	A	P

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AEROSPACE							
Ae 200	+	Advanced Research in Aerospace	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 208A	1-0-0	GALCIT Colloquium	01	Meiron, D	F 15:00 - 15:55	133 GUG	P
Ae/CE 221	3-0-6	Space Structures <i>OM will be held on Monday, 10/2/23</i>	01	Pellegrino, S	OM,M 14:00 - 14:55	384 FIR	
Ae/ACM/ME 232A	3-0-6	Computational Fluid Dynamics	01	Meiron, D	MWF 11:00 - 11:55	390 FIR	
Ae 240	+	Special Topics in Fluid Mechanics	01	Austin, J	A	A	P
ANTHROPOLOGY							
An 097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
APPLIED & COMPUTATIONAL MATH							
ACM080A	+	Undergraduate Thesis	01	Saito, K	A	A	P
			02	Bruno, O	A	A	P
			03	Anandkumar, A	A	A	P
			04	Schroeder, P	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
			04	Schroeder, P	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	

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APPLIED & COMPUTATIONAL MATH							
ACM/EE 106A	3-0-9	Introductory Methods of Computational Mathematics	01	Hou, Y	TR 13:00 - 14:25	104 ANB	
CMS/ACM/IDS 107A	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	3-0-9	Probability Theory and Computational Mathematics	01	Tropp, J	MW 14:00 - 15:55	213 ANB	
CMS/ACM/EE 122	3-0-9	Mathematical Optimization	01	Chandrasekaran, V	MW 10:00 - 11:55	105 ANB	
ACM190	+	Reading and Independent Study	01	Hou, Y	A	A	P
			02	Hassibi, B	A	A	P
			04	Heaton, T	A	A	P
			05	Owhadi, H	A	A	P
			06	Hoffmann, F	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	Meiron, D	MWF 11:00 - 11:55	390 FIR	
ACM270	+	Advanced Topics in Applied and Computational Math	01	Lanthaler, S	TR 14:30 - 15:55	104 ANB	
		<i>Sec 1: Approximation Theory and Neural Networks (3-0-9) // Sec 2: Spectral Graph Theory (3-0-9)</i>	02	Babecki, C	MWF 11:00 - 11:55	314 ANB	
ACM300	+	Research in Applied and Computational Mathematics	01	Bruno, O	A	A	P
			02	Chandrasekaran, V	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

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APPLIED & COMPUTATIONAL MATH							
ACM300	+	Research in Applied and Computational Mathematics	09	Owhadi, H	A	A	P
			10	Tropp, J	A	A	P
			11	Hoffmann, F	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	Lapusta, N	TR 09:00 - 10:25	135 GTL	G
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	135 GTL	P
AM 200	+	Advanced Work in Applied Mechanics	01	Staff	A	A	P
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
			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

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APPLIED PHYSICS										
APh078A	0-9-0	Senior Thesis, Experimental	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			
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			
			09	Minnich, A	A	A	P			
			10	Painter, O	A	A	P			
			12	Bellan, P	A	A	P			
			13	Falson, J	A	A	P			
			14	Marandi, A	A	A	P			
			Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Bae, H	MWF 10:00 - 10:55	133 GUG	G
			Ae/APh 104A	3-0-6	Experimental Methods	01	Dabiri, J	MW 08:30 - 09:55	133 GUG	G
APh/MS/ME 105A	3-0-6	States of Matter	01	Minnich, A	TR 14:30 - 15:55	104 WAT				

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APPLIED PHYSICS							
APh/EE 109	0-6-3	Introduction to the Micro/Nanofabrication Lab	01	Ghaffari, A	OM,W 16:00 - 16:55	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 120	3-0-6	Physical Optics	01	Mirhosseini, M	MW 10:30 - 11:55	213 ANB	
EE/APh 123	1-3-5	Advanced Lasers and Photonics Laboratory <i>Mandatory information session on Wed. 9/27 at 1:00pm in KCK 142. Attending the session is mandatory for enrollment.</i>	01	Marandi, A	M 11:00 - 11:55 OM,W 13:00 - 13:55	142 KCK 142 KCK	G
APh/EE 130	3-0-6	Electromagnetic Theory for Photonic Devices	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	
APh200	+	Applied Physics Research	01 03 05 06 07 08 09 10 11	Atwater, H Bellan, P Troian, S Fultz, B Johnson, W Chen, Y Minnich, A Refael, G Goddard, W	A A A A A A A A A	A A A A A A A A A	P P P P P P P P P

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APPLIED PHYSICS							
APh200	+	Applied Physics Research	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
			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			

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APh200	+	Applied Physics Research	47	Chan, G	A	A	P
			48	Burdick, J	A	A	P
			49	Golwala, S	A	A	P
APh300	+	Thesis Research in Applied Physics	01	Atwater, H	A	A	P
			02	Fultz, B	A	A	P
			03	Bellan, P	A	A	P
			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
			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
			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			
32	Falson, J	A	A	P			
33	Burdick, J	A	A	P			
34	Endres, M	A	A	P			

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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	Hopkins, P	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	El-Badry, K	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	
			17	Sargent, A	A	A	
			18	Steidel, C	A	A	
			19	Zmuidzinas, J	A	A	
			20	Ravi, V	A	A	
			21	Batygin, K	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	Hillenbrand, L	F 11:00 - 11:55	219 CHL	P

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ASTROPHYSICS							
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	1-0-1	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
			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	Hopkins, P	A	A	P
			21	Batygin, K	A	A	P
			22	Blake, G	A	A	P

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ASTROPHYSICS							
Ay 142	+	Research in Astronomy and Astrophysics	23	Ravi, V	A	A	P
			24	Readhead, A	A	A	P
			25	Golwala, S	A	A	P
			26	El-Badry, K	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	El-Badry, K	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			
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
			06	Djorgovski, S	A	A	P
			07	Dore, O	A	A	P
			08	Fuller, J	A	A	P

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ASTROPHYSICS							
Ay 144	+	Independent Writing in Astronomy	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
			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
			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			
BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
Ch/BMB 129	3-0-6	Introduction to Biophotonics <i>class cancelled</i>	01	Staff	A	A	
BMB/Bi/Ch 174	3-0-3	Advanced Topics in Biochemistry and Molecular Biophysics <i>class will meet in B122 GCL on 11/6 and 11/27</i>	01	Semlow, D / Chong, S	MW 12:00 - 13:25	153 NYS	
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	152 BRN	P

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BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
Bi/BMB 251A	1-0-0	Current Research in Biology and Biological Engineering	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
			10	Goddard, W	A	A	P
			11	Hsieh-Wilson, L	A	A	P
			13	Baltimore, D	A	A	P
			14	Davis, M	A	A	P
			15	Mayo, S	A	A	P
			16	Parker, C	A	A	P
			17	Hay, B	A	A	P
			18	Leadbetter, J	A	A	P
			19	Chan, D	A	A	P
			20	Cai, L	A	A	P
			21	Newman, D	A	A	P
			22	Kennedy, M	A	A	P
			23	Elowitz, M	A	A	P
			24	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
			32	Gray, H	A	A	P
			33	Gharib, M	A	A	P
			34	Rees, D	A	A	P

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BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB299	+	Graduate Research	35	Tirrell, D	A	A	P
			36	Barton, J	A	A	P
			37	Clemons, W	A	A	P
			38	Leadbetter, J	A	A	P
			39	Murray, R	A	A	P
			40	Mazmanian, S	A	A	P
			41	Baltimore, D	A	A	P
			42	Wang, Z	A	A	P
			43	Pierce, N	A	A	P
			44	Roukes, M	A	A	P
			45	Gray, H	A	A	P
			46	Varshavsky, A	A	A	P
			47	Goentoro, L	A	A	P
			48	Greer, J	A	A	P
			49	Anderson, D	A	A	P
			50	Hoelz, A	A	A	P
			51	Deshaies, R	A	A	P
			52	Rothenberg, E	A	A	P
			53	Meister, M	A	A	P
			54	Shapiro, M	A	A	P
			55	Ismagilov, R	A	A	P
			57	Guttman, M	A	A	P
			58	Zinn, K	A	A	P
			60	Rothmund, P	A	A	P
			61	Voorhees, R	A	A	P
			62	Winfree, 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

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BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB299	+	Graduate Research	70	Nelson, H	A	A	P
			71	Orphan, V	A	A	P
BIOENGINEERING							
BE 001	1-0-0	Frontiers in Bioengineering	01	Bois, J	F 12:00 - 12:55	119 KRK	P
BE 098	+	Undergraduate Research in Bioengineering <i>If your research advisor does not appear below, please contact the Office of the Registrar.</i>	01	Arnold, F	A	A	P
			02	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
			11	Gradinaru, V	A	A	P
			12	Pierce, N	A	A	P
			13	Mayo, S	A	A	P
			15	Yue, Y	A	A	P
			16	Roukes, M	A	A	P
			17	Scherer, A	A	A	P
18	Tai, Y	A	A	P			
19	Tirrell, D	A	A	P			
20	Yang, C	A	A	P			
23	Elowitz, M	A	A	P			
24	Murray, R	A	A	P			
26	Leadbetter, J	A	A	P			
27	Winfrey, E	A	A	P			
30	Kornfield, J	A	A	P			
31	Baltimore, D	A	A	P			
32	Shimojo, S	A	A	P			
33	Dervan, P	A	A	P			

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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>	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
			46	Winfree, E	A	A	P
			47	Mazmanian, S	A	A	P
			48	Wold, B	A	A	P
			49	Goentoro, L	A	A	P
			50	Meyerowitz, E	A	A	P
51	Prober, D	A	A	P			
BE 099A	+	Senior Thesis in Bioengineering	01	Murray, R	A	A	P
			02	Gradinaru, V	A	A	P
			03	Elowitz, M	A	A	P
			04	Shapiro, M	A	A	P
			05	Winfree, E	A	A	P
			06	Wold, B	A	A	P
			07	Goentoro, L	A	A	P
			08	Pierce, N	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 09:00 - 11:55 W 09:00 - 09:55	130 CNRB 100 CNRB	
BE/ChE 163	3-0-9	Introduction to Biomolecular Engineering	01	Mayo, S / Pierce, N	TR 13:00 - 14:25	100 CNRB	

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BIOENGINEERING							
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
			12	Pierce, N	A	A	P
			13	Gradinaru, V	A	A	P
			15	Troian, S	A	A	P
			16	Roukes, M	A	A	P
			17	Scherer, A	A	A	P
			18	Tai, Y	A	A	P
			19	Tirrell, D	A	A	P
			20	Yang, C	A	A	P
			21	Baltimore, D	A	A	P
			22	Guttman, M	A	A	P
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			25	Kornfield, J	A	A	P
			26	Leadbetter, J	A	A	P
			27	Winfrey, E	A	A	P
			28	Meister, M	A	A	P
			29	Bjorkman, P	A	A	P

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BIOENGINEERING							
BE 200	+	Research in Bioengineering	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
			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
			58	Wold, B	A	A	P
			59	Chung, S	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	R 15:00 - 15:55	130 CNRB	P

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BIOLOGY							
Bi 002	1-0-0	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
			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

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BIOLOGY							
Bi 022	+	Undergraduate Research	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
			61	Shan, S	A	A	P
			62	Cai, L	A	A	P
			63	Pachter, L	A	A	P
			64	Wei, L	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			
71	Siapas, A	A	A	P			
Bi 090A	+	Undergraduate Thesis	01	Kennedy, M / Lester, H	A	A	P
			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

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BIOLOGY							
Bi 090A	+	Undergraduate Thesis	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
			17	Kennedy, M / Guttman, M	A	A	P
			18	Kennedy, M / Clemons, W	A	A	P
			19	Kennedy, M / Zernicka-Goetz, M	A	A	P
Bi 090B	+	Undergraduate Thesis	01	Kennedy, M / Bronner Hansen, M	A	A	P
			02	Kennedy, M / Hong, E	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 09:00 - 11:55 W 09:00 - 09:55	130 CNRB 100 CNRB	
Ch/Bi 110A	4-0-8	Introduction to Biochemistry	01	Clemons, W / Rees, D	MWF 11:00 - 11:55 W 15:00 - 15:55	147 NYS 147 NYS	G
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 cancelled</i>	01	Staff	A	A	

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BIOLOGY							
NB/Bi/CNS 154	3-0-6	Principles of Neuroscience <i>class cancelled - to be offered in the spring</i>	01	Staff	A	A	
NB/Bi/CNS 162	2-4-6	Cellular and Systems Neuroscience Laboratory <i>maximum enrollment: 15 students</i>	01	Hong, E / Wagenaar, D	M 13:00 - 16:25	B160 CHR	
NB/Bi/CNS 164	3-0-6	Tools of Neurobiology	01	Meister, M / Rutishauser, U	TR 13:00 - 14:25	B101 BBB	
ESE/Bi 166	3-1-5	Microbial Physiology	01	Leadbetter, J	MWF 09:00 - 09:55	155 ARM	
BMB/Bi/Ch 174	3-0-3	Advanced Topics in Biochemistry and Molecular Biophysics <i>class will meet in B122 GCL on 11/6 and 11/27</i>	01	Semlow, D / Chong, S	MW 12:00 - 13:25	153 NYS	
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 will meet in KRK B136 in cases of inclement weather</i>	01	Allman, J	WF 14:00 - 15:55	BBE Tent Caltech Hall	G
Ge/ESE/Bi 248	2-0-4	Environmental Justice <i>taught concurrently with Hum 61, maximum enrollment: 18 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	TR 14:00 - 15:25	152 BRN	G
Bi/BMB 251A	1-0-0	Current Research in Biology and Biological Engineering	01	Hay, B	W 12:00 - 12:55	119 KRK	P
Bi 252	2-0-2	Responsible Conduct of Research <i>class will meet in 100 Broad on October 23rd</i>	01	Sternberg, P / Meyerowitz, E	M 14:00 - 15:55	100 CNRB	P
Bi 270A	+	Special Topics in Biology: Symbiosis: Mechanisms, Origins and Diversity <i>3 units (2-0-1) // maximum enrollment: 18</i>	01	Mazmanian, S / McFall-Ngai, M / Parker, J	T 13:00 - 15:25	240A CNRB	P

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BIOLOGY							
Bi 299	+	Graduate Research	01	Kirschvink, J	A	A	P
			03	Allman, J	A	A	P
			04	Anderson, D	A	A	P
			05	Arnold, F	A	A	P
			06	Qian, L	A	A	P
			07	Pierce, N	A	A	P
			08	Bjorkman, P	A	A	P
			09	Bronner Hansen, M	A	A	P
			10	Campbell, J	A	A	P
			11	Chan, D	A	A	P
			12	Thomson, M	A	A	P
			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
			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

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BIOLOGY							
Bi 299	+	Graduate Research	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
			43	Siapas, A	A	A	P
			44	Andersen, R	A	A	P
			45	Dickinson, M	A	A	P
			46	Leadbetter, J	A	A	P
			47	Winfree, E	A	A	P
			49	Prober, D	A	A	P
			50	Elowitz, M	A	A	P
			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

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BIOLOGY							
Bi 299	+	Graduate Research	72	Rees, D	A	A	P
			73	Fischer, W	A	A	P
			74	Zernicka-Goetz, M	A	A	P
			77	de Kleer, K	A	A	P
			79	Chong, S	A	A	P
			80	Pachter, L	A	A	P
			81	Demirer, G	A	A	P
			82	Glover, D	A	A	P
			83	McFall-Ngai, M	A	A	P
			84	Karthikeyan, S	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: 31 students // class is closed, see instructor for waitlist</i>	01	McAniff, P	TR 10:30 - 11:55	228 BAX	G
BEM105	3-0-6	Options	01	Cvitanic, J	TR 14:30 - 15:55	B125 BAX	
BEM109	3-0-6	Understanding China through Finance <i>Designated as Writing Intensive Course // maximum enrollment: 40 students</i>	01	Sinclair, A	TR 13:00 - 14:25	B125 BAX	G
CHEMICAL ENGINEERING							
ChE010	1-0-0	Introduction to Chemical Engineering	01	Shapiro, M	T 12:00 - 12:55	147 NYS	P
ChE063A	3-0-6	Chemical Engineering Thermodynamics <i>sophomore standing required</i>	01	Flagan, R	MWF 14:00 - 14:55	102 SPL	

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CHEMICAL ENGINEERING							
ChE070	+	Special Topics in Chemical Engineering: Chem-E Car	01	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
			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
ChE090A	+	Undergraduate Thesis	39	Goddard, W	A	A	P
			40	Hoelz, A	A	A	P
			01	Giapis, K	A	A	P
			02	Arnold, F	A	A	P
			03	Flagan, R	A	A	P
			04	Mayo, S	A	A	P
			05	Lewis, N	A	A	P
			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			

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CHEMICAL ENGINEERING							
ChE090A	+	Undergraduate Thesis	15	Greer, J	A	A	P
			16	Clemons, W	A	A	P
			17	See, K	A	A	P
			18	Hoelz, A	A	A	P
			19	Shapiro, M	A	A	P
ChE090B	0-4-5	Undergraduate Thesis	01	Shapiro, M	A	A	G
ChE090C	+	Undergraduate Thesis	01	Tirrell, D	A	A	P
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	Mayo, S / Pierce, N	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

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CHEMICAL ENGINEERING							
ChE280	+	Chemical Engineering Research	10	Davis, M	A	A	P
			11	Fultz, B	A	A	P
			12	Bercaw, J	A	A	P
			13	Flagan, R	A	A	P
			14	Shapiro, M	A	A	P
			15	Dougherty, D	A	A	P
			16	Giapis, K	A	A	P
			17	Goddard, W	A	A	P
			18	See, K	A	A	P
			19	Hoffmann, M	A	A	P
			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
			44	Greer, J	A	A	P
			46	Mayo, S	A	A	P
			47	Agapie, T	A	A	P
			48	Gao, W	A	A	P
49	Demirer, G	A	A	P			
50	Schneider, T	A	A	P			
51	Peters, J	A	A	P			
52	Wennberg, P	A	A	P			

CHEMISTRY

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CHEMISTRY							
Ch 001A	3-0-3	General Chemistry	01	See, K	TR 11:00 - 11:55 M 11:00 - 11:55	Lecture Hall BAX 151 CRL	P
			02	See, K	TR 11:00 - 11:55 M 11:00 - 11:55	Lecture Hall BAX 153 NYS	P
			03	See, K	TR 11:00 - 11:55 M 11:00 - 11:55	Lecture Hall BAX B122 GCL	P
			04	See, K	TR 11:00 - 11:55 M 11:00 - 11:55	Lecture Hall BAX 102 SPL	P
			05	See, K	TR 11:00 - 11:55 M 11:00 - 11:55	Lecture Hall BAX 106 SPL	P
			06	See, K	TR 11:00 - 11:55 R 14:00 - 14:55	Lecture Hall BAX 151 CRL	P
			07	See, K	TR 11:00 - 11:55 R 14:00 - 14:55	Lecture Hall BAX 153 NYS	P
			08	See, K	TR 11:00 - 11:55 R 15:00 - 15:55	Lecture Hall BAX 151 CRL	P
			09	See, K	TR 11:00 - 11:55 R 15:00 - 15:55	Lecture Hall BAX 147 NYS	P
			10	See, K	TR 11:00 - 11:55 W 09:00 - 09:55	Lecture Hall BAX 151 CRL	P
			11	See, K	TR 11:00 - 11:55 W 14:00 - 14:55	Lecture Hall BAX 151 CRL	P
			12	See, K	TR 11:00 - 11:55 W 15:00 - 15:55	Lecture Hall BAX 151 CRL	P
Ch 003A	1-3-2	Fundamental Techniques of Experimental Chemistry <i>Closed to continuing students until term start / Max: 10 per sec / 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	F 13:00 - 13:55 T 13:00 - 15:55 OM,A	B122 GCL 130 CHR A	P
			02	Mendez, J	F 13:00 - 13:55 T 19:00 - 21:55 OM,A	B122 GCL 130 CHR A	P

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CHEMISTRY								
Ch 003X	1-3-2	Experimental Methods in Solar Energy Conversion <i>open by lottery only; see link on the REGIS home page to enter by May 24th // Max enroll: 24 students per sec // 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 09:00 - 09:55 T 08:00 - 10:55	B122 GCL B157 CRL	P	
			02	Mendez, J	F 09:00 - 09:55 T 13:00 - 15:55	B122 GCL B157 CRL	P	
			03	Mendez, J	F 09:00 - 09:55 T 19:00 - 21:55	B122 GCL B157 CRL	P	
			04	Mendez, J	F 09:00 - 09:55 W 13:00 - 15:55	B122 GCL B157 CRL	P	
			05	Mendez, J	F 09:00 - 09:55 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: 10 students</i>	01	Agapie, T	OM,A
Ch 006	1-5-3	Physical and Biophysical Chemistry Laboratory	01	Okumura, M	OM,M 15:00 - 15:55	B133 NYS		
Ch 008	1-6-2	Procedures of Synthetic Chemistry for Premedical Students <i>open by lottery only; see link on the REGIS home page to enter by May 24th // maximum enrollment: 10 students / open to undergraduates only</i>	01	Mendez, J	F 10:00 - 10:55 TR 08:00 - 10:55 OM,A	B122 GCL 130 CHR A		
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	Chan, G	MWF 13:00 - 13:55	147 NYS		
Ch 041A	4-0-5	Organic Chemistry <i>maximum enrollment: 20 students per section</i>	01	Robb, M	MWF 09:00 - 09:55 W 15:00 - 15:55	153 NYS 101 SCH		
			02	Robb, M	MWF 09:00 - 09:55 W 20:00 - 20:55	153 NYS 153 NYS		
			03	Robb, M	MWF 09:00 - 09:55 R 15:00 - 15:55	153 NYS 153 NYS		

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CHEMISTRY							
Ch 041A	4-0-5	Organic Chemistry <i>maximum enrollment: 20 students per section</i>	04	Robb, M	MWF 09:00 - 09:55 R 20:00 - 20:55	153 NYS 153 NYS	
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
			10	Reisman, S	A	A	P
			11	Goddard, W	A	A	P
			12	Rossmann, 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
			24	Lewis, N	A	A	P
			25	Arnold, F	A	A	P
			26	Cushing, S	A	A	P
			27	See, K	A	A	P
			28	Chandrasekaran, V	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

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CHEMISTRY							
Ch 082	+	Senior Thesis Research <i>9 units per term</i>	01	Fu, G / Okumura, M	A	A	P
			02	Hoelz, A / Okumura, M	A	A	P
			03	Peters, J / Okumura, M	A	A	P
			04	Tirrell, D / Okumura, M	A	A	P
			05	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
			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	Goddard, W / Okumura, M	A	A	P
			18	Robb, M / Okumura, M	A	A	P
			19	Oka, Y / Okumura, M	A	A	P
			20	Newman, D / Okumura, M	A	A	P
			21	Fu, G	A	A	P
Ch/ChE 091	2-0-1	Scientific Writing	01	Parker, C	M 14:00 - 15:55	101 SCH	G
Ch/Bi 110A	4-0-8	Introduction to Biochemistry	01	Clemons, W / Rees, D	MWF 11:00 - 11:55 W 15:00 - 15:55	147 NYS 147 NYS	G
Ch 112	3-0-6	Intermediate Inorganic Chemistry	01	Agapie, T	TR 10:30 - 11:55	147 NYS	

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CHEMISTRY							
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
Ge/Ch 128	3-0-6	Cosmochemistry <i>class cancelled - to be offered winter term</i>	01	Staff	A	A	
Ch/BMB 129	3-0-6	Introduction to Biophotonics <i>class cancelled</i>	01	Staff	A	A	
Ch 149	2-0-4	Tutorial in Organic Chemistry <i>Prerequisite: Ch 41abc & instructor's permission</i>	01	Fu, G	MWF 14:00 - 15:55	153 NYS	P
			02	Stoltz, B	MWF 14:00 - 15:55	318 SCH	P
			03	Staff	MWF 14:00 - 15:55	A	P
ChE/Ch 165	3-0-6	Chemical Thermodynamics	01	Wang, Z	TR 10:30 - 11:55	106 SPL	
BMB/Bi/Ch 174	3-0-3	Advanced Topics in Biochemistry and Molecular Biophysics <i>class will meet in B122 GCL on 11/6 and 11/27</i>	01	Semlow, D / Chong, S	MW 12:00 - 13:25	153 NYS	
BMB/Ch 178	3-0-6	Macromolecular Function: Kinetics, Energetics, and Mechanisms	01	Shan, S	WF 10:30 - 11:55	101 SCH	
Ch 180	+	Chemical Research	01	Agapie, T	A	A	P
			02	Goddard, W	A	A	P
			03	Eiler, J	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	152 BRN	P

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CHEMISTRY							
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</i>	01	Stoltz, B	MWF 10:00 - 10:55 TR 19:00 - 20:55	153 NYS 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
			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
			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
			27	Kornfield, J	A	A	P
			28	Lester, H	A	A	P
			29	Lewis, N	A	A	P
			30	Mayo, S	A	A	P
			32	Newman, D	A	A	P

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CHEMISTRY							
Ch 279	+	Rotations in Chemistry	33	Okumura, M	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
			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			
55	Nelson, H	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

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CHEMISTRY							
Ch 280	+	Chemical Research	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	Demirer, G	A	A	P
			19	Clemons, W	A	A	P
			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
			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
			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

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CHEMISTRY							
Ch 280	+	Chemical Research	49	Shan, S	A	A	P
			50	Agapie, T	A	A	P
			51	Sternberg, P	A	A	P
			52	Tirrell, D	A	A	P
			53	Fu, G	A	A	P
			54	Deshaies, R	A	A	P
			55	Campbell, J	A	A	P
			57	Pierce, N	A	A	P
			58	Shapiro, M	A	A	P
			59	Chan, G	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	Bae, H	MWF 10:00 - 10:55	133 GUG	G

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CIVIL ENGINEERING							
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Lapusta, N	TR 09:00 - 10:25	135 GTL	G
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	135 GTL	P
CE 200	+	Advanced Work in Civil Engineering	01	Pellegrino, S	A	A	P
Ae/CE 221	3-0-6	Space Structures <i>OM will be held on Monday, 10/2/23</i>	01	Pellegrino, S	OM,M 14:00 - 14:55	384 FIR	
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 cancelled</i>	01	Staff	A	A	
NB/Bi/CNS 154	3-0-6	Principles of Neuroscience <i>class cancelled - to be offered in the spring</i>	01	Staff	A	A	
CS/CNS/EE 156A	3-1-5	Learning Systems	01	Abu-Mostafa, Y	OM,T 12:00 - 12:55 TR 14:30 - 15:55	134 (Auditorium) BCK 134 (Auditorium) BCK	
NB/Bi/CNS 162	2-4-6	Cellular and Systems Neuroscience Laboratory <i>maximum enrollment: 15 students</i>	01	Hong, E / Wagenaar, D	M 13:00 - 16:25	B160 CHR	
NB/Bi/CNS 164	3-0-6	Tools of Neurobiology	01	Meister, M / Rutishauser, U	TR 13:00 - 14:25	B101 BBB	

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COMPUTATION & NEURAL SYS							
CS/CNS 171	3-6-3	Computer Graphics Laboratory	01	Barr, A	MWF 15:00 - 15:55	105 ANB	
CNS180	+	Research in Computation and Neural Systems	01	Abu-Mostafa, Y	A	A	P
			02	Anderson, D	A	A	P
			03	O'Doherty, J	A	A	P
			04	Andersen, R	A	A	P
			05	Shimojo, S	A	A	P
			06	Quartz, S	A	A	P
			07	Staff	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
			20	Burdick, J	A	A	P
			21	Winfree, E	A	A	P
			22	Wold, B	A	A	P
			23	Low, S	A	A	P
			24	Meister, M	A	A	P
			25	Kennedy, M	A	A	P
			26	Adolphs, R	A	A	P
			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

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COMPUTATION & NEURAL SYS							
CNS180	+	Research in Computation and Neural Systems	34	Rutishauser, U	A	A	P
			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
			41	Mazmanian, S	A	A	P
			42	Umans, C	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 will meet in KRK B136 in cases of inclement weather</i>	01	Allman, J	WF 14:00 - 15:55	BBE Tent Caltech Hall	G
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
			11	Murray, R	A	A	P
			12	Gradinaru, V	A	A	P
			13	Perona, P	A	A	P
			14	Scherer, A	A	A	P
			15	Quartz, S	A	A	P
			16	Elowitz, M	A	A	P
			17	Shimojo, S	A	A	P
			18	Siapas, A	A	A	P
			19	Sternberg, P	A	A	P

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COMPUTATION & NEURAL SYS							
CNS280	+	Research in Computation and Neural Systems	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
			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
			33	Hong, E	A	A	P
			34	Van Valen, D	A	A	P
			35	Rutishauser, U	A	A	P
			36	Parker, J	A	A	P
			SS/Psy/CNS 285	1.5-0-1.5	Topics in Social, Cognitive, and Decision Sciences <i>class cancelled, will be offered winter term</i>	01	Staff
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) BCK 102 STL	P
			02	Hovik, M	T 13:00 - 13:55 MWF 14:00 - 14:55	134 (Auditorium) BCK 102 STL	P
			03	Hovik, M	T 14:00 - 14:55 MWF 14:00 - 14:55	134 (Auditorium) BCK 102 STL	P
			04	Hovik, M	T 15:00 - 15:55 MWF 14:00 - 14:55	134 (Auditorium) BCK 102 STL	P
			05	Hovik, M	T 16:00 - 16:55 MWF 14:00 - 14:55	134 (Auditorium) BCK 102 STL	P
			05	Hovik, M	MWF 14:00 - 14:55	134 (Auditorium) BCK 102 STL	P
			05	Hovik, M	T 17:00 - 17:55	134 (Auditorium) BCK 102 STL	P
			05	Hovik, M	MWF 14:00 - 14:55	134 (Auditorium) BCK 102 STL	P
			05	Hovik, M	T 17:00 - 17:55	134 (Auditorium) BCK 102 STL	P
			05	Hovik, M	MWF 14:00 - 14:55	134 (Auditorium) BCK 102 STL	P

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COMPUTER SCIENCE							
CS 001	3-4-2	Introduction to Computer Programming <i>maximum enrollment: 30 students per section</i>	06	Hovik, M	MWF 14:00 - 14:55	134 (Auditorium) BCK	P
					T 18:00 - 18:55	102 STL	
			07	Hovik, M	MWF 14:00 - 14:55	134 (Auditorium) BCK	P
			08	Hovik, M	T 19:00 - 19:55	102 STL	
					MWF 14:00 - 14:55	134 (Auditorium) BCK	P
					T 20:00 - 20:55	102 STL	
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 15:00 - 15:55	104 ANB	P
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma/CS 106a / sections 1, 2 and 4 cancelled</i>	03	Yu, T	MWF 13:00 - 13:55	310 LINDE	
					R 13:00 - 13:55	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 <i>CS 1 or instructor's permission is required. / Sec 1: C track, Sec 12: Projects // See http://courses.cms.caltech.edu/cs11/ for course info</i>	01	Vanier, M	T 11:00 - 11:55	104 ANB	P
			12	Vanier, M	A	A	P
CS 012	+	Student-Taught Topics in Computing <i>Sec 2: Technical Interviewing // See http://courses.cms.caltech.edu/cs12/ for more course info</i>	02	Blank, A	OM,T 19:00 - 19:55	104 ANB	P
CS 013	3-0-6	Mathematical Foundations of Computer Science <i>class closed, see instructor for permission to enroll</i>	01	Blank, A	MWF 13:00 - 13:55	105 ANB	G
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 <i>class closed, see instructor for permission to enroll</i>	01	Blank, A	MWF 14:00 - 14:55	105 ANB	
CS/EE/ME 075A	+	Multidisciplinary Systems Engineering	01	Chung, S	MW 19:00 - 20:25	135 GTL	
CS 080A	+	Undergraduate Thesis	01	Winfree, E	A	A	P
			02	Chandy, K	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
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

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COMPUTER SCIENCE							
CS 081A	+	Undergraduate Projects in Computer Science	10	Vanier, M	A	A	P
			11	Wierman, A	A	A	P
			12	Umans, C	A	A	P
			13	Burdick, J	A	A	P
			14	Low, S	A	A	P
			15	Yue, Y	A	A	P
			16	Hassibi, B	A	A	P
			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
			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			
43	Baptista, R	A	A	P			
44	Alvarez, R	A	A	P			

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COMPUTER SCIENCE							
CS 090	+	Undergraduate Reading in Computer Science	01	Chandy, K	A	A	P
			02	Pinkston, D	A	A	P
			03	Low, S	A	A	P
			04	Djorgovski, S	A	A	P
			05	Winfrey, 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
			21	Reisman, S	A	A	P
			22	Baptista, R	A	A	P
CS 101	3-3-3	Special Topics in Computer Science: Projects in Machine Learning <i>9 units (1-0-8); Prerequisites specified by instructor. // class full, see instructor for permission to enroll</i>	01	Bouman, K	OM,T 10:00 - 10:55	104 ANB	G
CS 101	3-3-3	Special Topics in Computer Science: Database System Implementation <i>Enrollment only by instructor's permission / not open to general enrollment</i>	02	Pinkston, D	A	A	P
CS 102A	+	Seminar in Computer Science	01	Staff	A	A	P

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COMPUTER SCIENCE							
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 // sections 1, 2 and 4 cancelled</i>	03	Yu, T	MWF 13:00 - 13:55 R 13:00 - 13:55	310 LINDE 187 LINDE	
CS 111	0-3-0	Graduate Programming Practicum: C track <i>For graduate students only // Sec 1: C</i>	01	Vanier, M	T 11:00 - 11:55	104 ANB	P
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 <i>class cancelled</i>	01	Staff	A	A	
CMS/CS/IDS 139	3-0-9	Analysis and Design of Algorithms	01	Mahadev, U	TR 13:00 - 14:25	213 ANB	
CS/IDS 153	3-0-6	Current Topics in Theoretical Computer Science <i>Topic: Markov Chain Monte Carlo Algorithms</i>	01	Schulman, L	MWF 10:00 - 10:55	314 ANB	
CS/CNS/EE 156A	3-1-5	Learning Systems	01	Abu-Mostafa, Y	OM,T 12:00 - 12:55 TR 14:30 - 15:55	134 (Auditorium) BCK 134 (Auditorium) BCK	
CS 164	3-0-6	Compilers <i>maximum enrollment: 20 students</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	Martin, A	A	A	P
			03	Low, S	A	A	P
			04	Chandy, K	A	A	P
			05	Wierman, A	A	A	P
			06	Umans, C	A	A	P

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COMPUTER SCIENCE							
CS 180	+	Master's Thesis Research	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
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
			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
			16	Kitaev, A	A	A	P
			17	Wierman, A	A	A	P
			18	Doyle, J	A	A	P
			19	Schulman, L	A	A	P
			20	Gkioxari, G	A	A	P
			29	Yue, Y	A	A	P
COMPUTING AND MATHEMATICAL SCIENCES							
CMS/ACM/IDS 107A	3-0-9	Linear Analysis with Applications	01	Stuart, A	TR 09:00 - 10:25	213 ANB	
CMS/ACM 117	3-0-9	Probability Theory and Computational Mathematics	01	Tropp, J	MW 14:00 - 15:55	213 ANB	

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COMPUTING AND MATHEMATICAL SCIENCES							
CMS/ACM/EE 122	3-0-9	Mathematical Optimization	01	Chandrasekaran, V	MW 10:00 - 11:55	105 ANB	
CMS/CS/IDS 139	3-0-9	Analysis and Design of Algorithms	01	Mahadev, U	TR 13:00 - 14:25	213 ANB	
CMS/Ec 248	3-0-6	Topics in Learning and Games	01	Mazumdar, E	TR 10:30 - 11:55	213 ANB	G
CMS290A	1-0-0	Computing and Mathematical Sciences Colloquium	01	Hoffmann, F	M 16:00 - 16:55	105 ANB	P
CMS300	+	Research in Computing and Mathematical Sciences	01	Wierman, A	A	A	P
			02	Vidick, T	A	A	P
			03	Beck, J	A	A	P
			04	Burdick, J	A	A	P
			05	Doyle, J	A	A	P
			06	Murray, R	A	A	P
			07	Owhadi, H	A	A	P
			08	Barr, A	A	A	P
			09	Chandrasekaran, V	A	A	P
			11	Low, S	A	A	P
			12	Perona, P	A	A	P
			13	Schroeder, P	A	A	P
			14	Schulman, L	A	A	P
			15	Umans, C	A	A	P
			16	Winfrey, E	A	A	P
			17	Yue, Y	A	A	P
			18	Pachter, L	A	A	P
			19	Chung, S	A	A	P
			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

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COMPUTING AND MATHEMATICAL SCIENCES										
CMS300	+	Research in Computing and Mathematical Sciences	26	Mazumdar, E	A	A	P			
			27	Gkioxari, G	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	Doyle, J	MWF 13:00 - 13:55	213 ANB				
CDS190	+	Independent Work in Control and Dynamical Systems <i>offered Pass/Fail only</i>	01	Staff	A	A	P			
CDS300A	+	Research in Control and Dynamical Systems	01	Dickinson, M	A	A	P			
			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			
			13	Ortiz, M	A	A	P			
			14	Goentoro, L	A	A	P			
			15	Adolphs, R	A	A	P			
			16	Ames, A	A	A	P			
			17	Chung, S	A	A	P			
			ECONOMICS							
			Ec 011	3-2-4	Introduction to Economics <i>maximum enrollment: 70 students</i>	01	Taylor, L	TR 14:30 - 15:55	Lecture Hall BAX	
			Ec 097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Nielsen, K	A	A	P
						02	Niemeyer, A	A	A	P

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ECONOMICS							
Ec 098A	+	Senior Research and Thesis <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
Ec/Psy 106	3-0-6	Behavioral Game Theory	01	Camerer, C	TR 10:30 - 11:55	B125 BAX	G
Ec 121A	3-0-6	Theory of Value	01	Pourbabaee, M	MW 14:30 - 15:55	127 BAX	
Ec 122	3-0-6	Econometrics <i>maximum enrollment: 60 students</i>	01	Sherman, R	WF 14:30 - 15:55	Lecture Hall BAX	
IDS/Ec/PS 126	3-0-6	Applied Data Analysis	01	Katz, J	MW 10:30 - 11:55	125 BAX	G
Ec 135	3-0-6	Economics of Uncertainty and Information	01	Agranov, M	TR 09:00 - 10:25	125 BAX	
CMS/Ec 248	3-0-6	Topics in Learning and Games	01	Mazumdar, E	TR 10:30 - 11:55	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
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	01	Kostina, V	MW 13:00 - 14:55	B280 MRE	
CS/EE/ME 075A	+	Multidisciplinary Systems Engineering	01	Chung, S	MW 19:00 - 20:25	135 GTL	

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ELECTRICAL ENGINEERING										
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			
			08	Emami, A	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			
			14	Mirhosseini, M	A	A	P			
			15	Chandrasekaran, V	A	A	P			
			16	Low, S	A	A	P			
			17	Perona, P / Chung, S	A	A	P			
			18	Hallinan, G	A	A	P			
			EE 091A	1-8-0	Experimental Projects in Electronic Circuits	01	Kalantar Ohanian, R	OM,W 19:00 - 19:55	B280 MRE	G
			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			
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			

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ELECTRICAL ENGINEERING							
EE 099	+	Advanced Work in Electrical Engineering	16	Marandi, A	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	OM,W 16:00 - 16:55	104 WAT	
EE 110A	3-4-2	Embedded Systems Design Laboratory	01	George, G	MW 14:30 - 15:55	B270 MRE	
EE 111	3-0-6	Signal-Processing Systems and Transforms <i>max enrollment: 93 students</i>	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 10:00 - 10:55	135 GTL	
EE/APh 120	3-0-6	Physical Optics	01	Mirhosseini, M	MW 10:30 - 11:55	213 ANB	
EE 121	3-0-6	Great Ideas in Data Science	01	Chandrasekaran, V	MWF 13:00 - 14:25	314 ANB	
CMS/ACM/EE 122	3-0-9	Mathematical Optimization	01	Chandrasekaran, V	MW 10:00 - 11:55	105 ANB	
EE/APh 123	1-3-5	Advanced Lasers and Photonics Laboratory <i>Mandatory information session on Wed. 9/27 at 1:00pm in KCK 142. Attending the session is mandatory for enrollment.</i>	01	Marandi, A	M 11:00 - 11:55 OM,W 13:00 - 13:55	142 KCK 142 KCK	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 for Photonic Devices	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 <i>class cancelled</i>	01	Staff	A	A	
CS/CNS/EE 156A	3-1-5	Learning Systems	01	Abu-Mostafa, Y	OM,T 12:00 - 12:55 TR 14:30 - 15:55	134 (Auditorium) BCK 134 (Auditorium) BCK	
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
			15	Hassibi, B	A	A	P
			16	Murray, R	A	A	P
			17	Perona, P	A	A	P
			18	Vaidyanathan, P	A	A	P

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ELECTRICAL ENGINEERING							
EE 291	+	Advanced Work in Electrical Engineering	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
			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
			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			
48	Marandi, A	A	A	P			
49	Spiropulu, M	A	A	P			
50	Greer, J	A	A	P			
51	Hsieh, D	A	A	P			
ENERGY SCIENCE AND TECHNOLOGY							

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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 10:00 - 10:55	135 GTL	
EE/CS/EST 135	3-3-3	Power System Analysis <i>class cancelled</i>	01	Staff	A	A	
ENGINEERING							
E 002	1-0-0	Frontiers in Engineering and Applied Science <i>open to first-years and sophomores</i>	01	Atwater, H	W 12:00 - 12:55	105 ANB	P
E 100	+	Special Topics in Engineering & Applied Science <i>Sec 1: cancelled // Sec 2: LATTICE, 6 units // Section 3: Designing Your Caltech Experience (2-1-0), open to freshman and sophomores from all options, max 24 students</i>	01 02 03	Staff Chung, S Dabiri, M	A A T 12:00 - 12:55	A A 104 WAT	
E/SEC 102	3-0-6	Scientific and Technology Entrepreneurship	01	Gross, W / Hull, J	TR 15:00 - 15:55	135 GTL	
ENGLISH							
Hum/En 028	3-0-6	Telling Time in American Modernism <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start</i>	01	Sherazi, M	TR 13:00 - 14:25	127 BAX	
Hum/En 029	3-0-6	Dream Narratives <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start</i>	01	Holland, J	TR 09:00 - 10:25	128 BAX	
Hum/En 035	3-0-6	Beginning with Poems <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start</i>	01	Pigman, G	TR 14:30 - 15:55	128 BAX	
En 086	3-0-6	Fiction Writing <i>max enrollment: 14 students</i>	01	Lepucki, E	T 19:00 - 21:55	128 BAX	

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ENGLISH							
En 098	+	Reading in English <i>Instructor permission required prior to registering</i>	01	Haugen, K	A	A	P
En 099A	1-0-8	Senior Tutorial for English Majors <i>Instructor permission required prior to registering</i>	01	Murphy, D	A	A	G
En 118	3-0-6	Classical Mythology <i>max enrollment: 25 students</i>	01	Haugen, K	TR 14:30 - 15:55	125 BAX	
En 141	3-0-6	Science on Stage <i>max enrollment: 15 students // class closed, see instructor for waitlist</i>	01	Holland, J	TR 10:30 - 11:55	128 BAX	
En/VC 160B	3-0-6	Classical Hollywood Cinema <i>maximum enrollment: 15 students // class closed, see instructor to enroll</i>	01	Jurca, C	TR 10:30 - 11:55	TR DAB	
En 180	3-0-6	Special Topics in English: Contemporary American Fiction <i>maximum enrollment: 15 students</i>	01	Sherazi, M	MW 14:30 - 15:55	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 first-year (undergraduates) 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
			06	Karhikeyan, S	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	01	Thompson, A	MWF 11:00 - 11:55	162 SMD	
ESE104	1-0-0	Current Problems in Environmental Science and Engineering <i>class cancelled, to be offered winter term</i>	01	Staff	A	A	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
			16	Wennberg, P	A	A	P
			17	Yung, Y	A	A	P

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ENVIRONMENTAL SCIENCE & ENGINEERING							
ESE106	+	Research in Environmental Science and Engineering	18	Thompson, A	A	A	P
			19	Frankenberg, C	A	A	P
			20	Callies, J	A	A	P
			21	Karthikeyan, S	A	A	P
ESE110A	1-0-0	Seminar in Environmental Science and Engineering	01	Karthikeyan, S	W 16:00 - 16:55	365 SMD	P
ESE/Bi 166	3-1-5	Microbial Physiology	01	Leadbetter, J	MWF 09:00 - 09:55	155 ARM	
Ge/ESE/Bi 248	2-0-4	Environmental Justice <i>taught concurrently with Hum 61, maximum enrollment: 18 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
			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
			04	Hoffmann, M	A	A	P
			05	Bordoni, S	A	A	P
			06	Adkins, J	A	A	P
			07	Callies, J	A	A	P
			08	Leadbetter, J	A	A	P
			09	Seinfeld, J	A	A	P
			10	Wennberg, P	A	A	P
			11	Yung, Y	A	A	P
			12	Schneider, T	A	A	P
			13	Eiler, J	A	A	P
			14	Orphan, V	A	A	P
			15	Okumura, M	A	A	P
17	Thompson, A	A	A	P			
18	Flagan, R	A	A	P			
19	Frankenberg, C	A	A	P			

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ENVIRONMENTAL SCIENCE & ENGINEERING							
ESE300	+	Thesis Research	20	Fischer, W	A	A	P
			21	Karthikeyan, S	A	A	P
FIRST-YEAR SEMINARS							
FS/Ph 004	2-0-4	Freshman Seminar: Astrophysics and Cosmology with Open Data <i>maximum enrollment: 12 students</i>	01	Weinstein, A	TR 13:00 - 14:25	289 LINDE	P
FS/Ph 009	2-0-4	First-Year Seminar: The Science of Music <i>open to first-year (undergraduates) only //</i> <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 <i>open to first-year (undergraduates) only</i>	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 first-year (undergraduates) only //</i> <i>maximum enrollment: 10 students</i>	01	Leadbetter, J	WF 14:00 - 14:55	212 NMD	P
FS/Ge 020	2-0-4	First-Year Seminar: Life in the Universe <i>open to first-year (undergraduates) only //</i> <i>maximum enrollment: 12 students</i>	01	Brown, M	MW 13:00 - 13:55	176 SMD	P
GEOLOGY							
Ge 011A	3-3-3	Introduction to Earth and Planetary Sciences: Earth as a Planet <i>Field Trip Dates: TBA // taught concurrently</i> <i>with Ge 101</i>	01	Bucholz, C	MWF 14:00 - 14:55	251 ARM	
FS/Ge 016	2-0-4	First-Year Seminar: Earthquakes <i>open to first-year (undergraduates) only</i>	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 first-year (undergraduates) only //</i>	01	Leadbetter, J	WF 14:00 - 14:55	212 NMD	P

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GEOLOGY							
FS/Ge 020	2-0-4	First-Year Seminar: Life in the Universe <i>open to first-year (undergraduates) only //</i> <i>maximum enrollment: 12 students</i>	01	Brown, M	MW 13:00 - 13:55	176 SMD	P
Ge 040	+	Special Problems for Undergraduates	01	Avouac, J	A	A	P
			02	Kirschvink, J	A	A	P
			03	Stock, J	A	A	P
			04	Lamb, M	A	A	P
			05	Adkins, J	A	A	P
			06	Jackson, J	A	A	P
			07	Ingersoll, A	A	A	P
			08	Sessions, A	A	A	P
			09	Stevenson, D	A	A	P
			10	Fischer, W	A	A	P
			12	de Kleer, K	A	A	P
			13	Eiler, J	A	A	P
			14	Asimow, P	A	A	P
			15	Tissot, F	A	A	P
			16	Tejada Lara, J	A	A	P
Ge 041A	+	Undergraduate Research and Bachelor's Thesis	01	Orphan, V	A	A	P
			02	Tissot, F	A	A	P
			03	Asimow, P	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 Kleer, K	A	A	P
			17	Ingersoll, A	A	A	P

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GEOLOGY							
Ge 041A	+	Undergraduate Research and Bachelor's Thesis	18	Kirschvink, J	A	A	P
			19	Yung, Y	A	A	P
			20	Tejada Lara, J	A	A	P
Ge 101	3-0-6	Introduction to Geology and Geochemistry <i>Field Trip: TBA // taught concurrently with Ge 011A</i>	01	Bucholz, C	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 2 & 3: Geobiology</i>	02	Staff	A	A	P
			03	Orphan, V	A	A	P
Ge 114A	3-0-3	Mineralogy	01	Rossman, G	MTR 15:00 - 15:55	251 ARM	
Ge 114B	0-3-0	Mineralogy Laboratory	01	Rossman, G	TR 16:00 - 17:55	251 ARM	
Ge 121A	0-9-3	Advanced Field Geology <i>class cancelled, to be offered spring term</i>	01	Lamb, M	A	A	
Ge/Ch 128	3-0-6	Cosmochemistry <i>class cancelled - to be offered winter term</i>	01	Staff	A	A	
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 16:00 - 16:55	A	P
Ge 141	3-0-6	Isotopes Cosmochemistry <i>class cancelled</i>	01	Staff	A	A	
Ge 145	1-4-4	Isotope-Ratio Mass Spectrometry <i>maximum enrollment: 6 students</i>	01	Sessions, A	R 10:30 - 11:55	215 NMD	
					R 13:00 - 15:55	B167 SMD	
Ge 151	3-3-3	Planetary Surfaces <i>class cancelled - will be offered winter term</i>	01	Staff	A	A	

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GEOLOGY							
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>taught concurrently with Ae/AM/CE/ME 102A</i>	01	Lapusta, N	TR 09:00 - 10:25	135 GTL	
Ge 161	3-0-6	Plate Tectonics	01	Stock, J	TR 13:00 - 14:25	215 NMD	
Ge 165	3-0-6	Geophysical Data Analysis and Seismic Imaging <i>class cancelled</i>	01	Staff	A	A	
Ge 167	3-0-6	Tectonic Geodesy <i>class cancelled</i>	01	Staff	A	A	G
Ge 212	3-0-6	Thermodynamics of Geological Systems	01	Asimow, P	MWF 10:00 - 10:55	251 ARM	
Ge 215	3-0-6	Topics in Advanced Petrology <i>class cancelled</i>	01	Staff	A	A	
Ge/ESE/Bi 248	2-0-4	Environmental Justice <i>taught concurrently with Hum 61, maximum enrollment: 18 students</i>	01	Orphan, V / Mushkin, H	T 13:00 - 14:55	151 ARM	
Ge 264	3-0-6	Machine Learning in Geophysics	01	Ross, Z	TR 14:30 - 15:55	162 SMD	
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

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GEOLOGY							
Ge 297	+	Advanced Study	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
			26	Simons, M	A	A	P
			27	Stevenson, D	A	A	P
			29	Stolper, E	A	A	P
			30	Lamb, M	A	A	P
			31	Fischer, W	A	A	P
			35	Orphan, V	A	A	P
			36	Yung, Y	A	A	P
			37	Avouac, J	A	A	P
			38	Lapusta, N	A	A	P
			40	Wernicke, B	A	A	P
			41	Newman, D	A	A	P
			42	Sessions, A	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			
53	Tejada Lara, J	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
			03	Fischer, W	A	A	P
			04	Avouac, J / Bucholz, C	A	A	P

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GEOLOGY							
Ge/ESE 298	+	Mentoring and Outreach <i>meets Mondays from 11-12:30 in 212 NMD</i>	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
			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	Rossmann, G	A	A	P
			21	Fischer, W	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

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GEOLOGY							
Ge 299	+	Thesis Research	35	Batygin, K	A	A	P
			36	Kirschvink, J	A	A	P
			37	Orphan, V	A	A	P
			38	Schneider, T	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
			45	de Kleer, K	A	A	P
			46	Thompson, A	A	A	P
			47	Tejada Lara, J	A	A	P
HISTORY							
Hum/H 001	3-0-6	The Classical and Medieval Worlds <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start</i>	01	Brown, W	TR 14:30 - 15:55	B119 BAX	
Hum/H/HPS 014	3-0-6	Race, Science, and Medicine in U.S. History <i>class cancelled</i>	01	Staff	A	A	
Hum/H/HPS 018	3-0-6	Introduction to the History of Science <i>attendance at first class is required // maximum enrollment: 18 students per section// class closed to continuing students until term start</i>	01	Feingold, M	M 19:00 - 21:55	TR DAB	
			02	Feingold, M	T 19:00 - 21:55	TR DAB	
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	Staff	A	A	
H/HPS 131	3-0-6	History of Extinction <i>max enrollment: 15 students</i>	01	Lewis, D	T 19:00 - 21:55	125 BAX	G

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HISTORY							
H/HPS 133	3-0-6	Forests and Humans <i>max enrollment: 15 students</i>	01	Lewis, D	R 19:00 - 21:55	125 BAX	G
H 192	3-0-6	The Crusades <i>max enrollment: 25 students</i>	01	Brown, W	MWF 13:00 - 13:55	125 BAX	
HISTORY AND PHILOSOPHY OF SCIENCE							
Hum/H/HPS 014	3-0-6	Race, Science, and Medicine in U.S. History <i>class cancelled</i>	01	Staff	A	A	
Hum/H/HPS 018	3-0-6	Introduction to the History of Science <i>attendance at first class is required // maximum enrollment: 18 students per section// class closed to continuing students until term start</i>	01 02	Feingold, M Feingold, M	M 19:00 - 21:55 T 19:00 - 21:55	TR DAB TR DAB	
HPS090	1-0-0	Public Lecture Series	01	Kormos-Buchwald, D	A	A	P
HPS098	+	Reading in History and Philosophy of Science <i>Instructor permission required prior to registering</i>	01	Rand, L	A	A	P
HPS102A	+	Senior Research Seminar <i>Instructor permission required prior to registering</i>	01	Rand, L	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	B133 BAX	
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	B133 BAX	
H/HPS 131	3-0-6	History of Extinction <i>max enrollment: 15 students</i>	01	Lewis, D	T 19:00 - 21:55	125 BAX	G
H/HPS 133	3-0-6	Forests and Humans <i>max enrollment: 15 students</i>	01	Lewis, D	R 19:00 - 21:55	125 BAX	G
HPS/PI 136	3-0-6	Happiness and the Good Life <i>open by lottery only; see link on the REGIS</i>	01	Quartz, S	TR 13:00 - 14:25	TR DAB	

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HISTORY AND PHILOSOPHY OF SCIENCE							
PI/HPS 183	3-0-6	Bioethics <i>max enrollment: 15 students</i>	01	Gurcan, O	TR 10:30 - 11:55	104 WAT	G
HUMANITIES							
Hum/H 001	3-0-6	The Classical and Medieval Worlds <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start</i>	01	Brown, W	TR 14:30 - 15:55	B119 BAX	
Hum/H/HPS 014	3-0-6	Race, Science, and Medicine in U.S. History <i>class cancelled</i>	01	Staff	A	A	
Hum/H/HPS 018	3-0-6	Introduction to the History of Science <i>attendance at first class is required // maximum enrollment: 18 students per section // class closed to continuing students until term start</i>	01 02	Feingold, M Feingold, M	M 19:00 - 21:55 T 19:00 - 21:55	TR DAB TR DAB	
Hum/En 028	3-0-6	Telling Time in American Modernism <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start</i>	01	Sherazi, M	TR 13:00 - 14:25	127 BAX	
Hum/En 029	3-0-6	Dream Narratives <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start</i>	01	Holland, J	TR 09:00 - 10:25	128 BAX	
Hum/En 035	3-0-6	Beginning with Poems <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start</i>	01	Pigman, G	TR 14:30 - 15:55	128 BAX	
Hum/PI 040	3-0-6	Right and Wrong <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start</i>	01	Quartz, S	TR 14:30 - 15:55	TR DAB	
Hum/PI 045	3-0-6	Ethics & AI <i>attendance at first class is required // maximum enrollment: 18 students per section // class</i>	01 02	Eberhardt, F Eberhardt, F	TR 13:00 - 14:25 TR 14:30 - 15:55	125 BAX 127 BAX	

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HUMANITIES							
Hum/VC 048	3-0-6	Ways of Seeing <i>class cancelled</i>	01	Staff	A	A	
Hum/VC 049	3-0-6	Seeing Race <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start</i>	01	Stielau, A	TR 14:30 - 15:55	142 KCK	
Hum/VC 050	3-0-6	Introduction to Film <i>attendance at first class is required // maximum enrollment: 18 students // class closed - see instructor for waitlist</i>	01	Jurca, C	TR 13:00 - 14:25	128 BAX	
Hum059	3-0-6	Special Topics in Humanities: Vast Early America <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start // counts towards first-year humanities requirement under the history discipline</i>	01	Jones, E	TR 09:00 - 10:25	TR DAB	
Hum061	2-0-4	Environmental Justice <i>taught concurrently with Ge/Bi/ESE 248, maximum enrollment: 18 students</i>	01	Mushkin, H / Orphan, V	T 13:00 - 14:55	151 ARM	
Hum114A	3-0-6	Spanish Language Literature and its Film Adaptations <i>taught concurrently with L 114a // max enrollment: 15 students</i>	01	Arjona, G	MW 16:00 - 17:25	125 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 107A	3-0-9	Linear Analysis with Applications	01	Stuart, A	TR 09:00 - 10:25	213 ANB	

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INFORMATION AND DATA SCIENCES							
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
CMS/CS/IDS 139	3-0-9	Analysis and Design of Algorithms	01	Mahadev, U	TR 13:00 - 14:25	213 ANB	
CS/IDS 153	3-0-6	Current Topics in Theoretical Computer Science <i>Topic: Markov Chain Monte Carlo Algorithms</i>	01	Schulman, L	MWF 10:00 - 10:55	314 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
			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	W 12:00 - 12:55	128 BAX	
					M 16:00 - 16:55	115 DAB	
					F 12:00 - 12:55	115 DAB	
L 103A	3-0-6	Intermediate French <i>maximum enrollment: 15 students</i>	01	Merrill, T	MWR 12:00 - 12:55	115 DAB	
L 106A	4-0-5	Elementary Japanese <i>maximum enrollment: 20 students per section // class closed, 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	128 BAX	

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LANGUAGES							
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	117 DAB	
L 110A	3-0-6	Elementary Spanish <i>maximum enrollment: 20 students per section</i>	01 02	Arjona, G Garcia, D	MW 19:00 - 20:25 MWR 12:00 - 12:55	125 BAX 125 BAX	
L/VC 111	3-0-6	Introduction to 21st-Century French Cinema <i>max enrollment: 15 students</i>	01	Orcel, C	M 19:00 - 20:25 W 19:30 - 20:55	127 BAX 127 BAX	G
L 112A	3-0-6	Intermediate Spanish <i>maximum enrollment: 20 students</i>	01	Garcia, D	MR 17:00 - 18:25	127 BAX	
L 114A	3-0-6	Spanish Language Literature and its Film Adaptations <i>taught concurrently with Hum114a // max enrollment: 15 students</i>	01	Arjona, G	MW 16:00 - 17:25	125 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 11:00 - 11:55	117 DAB	
L 170A	3-0-6	Introduction to Chinese <i>maximum enrollment: 20 students // class closed, see instructor for enrollment</i>	01	Wang, P	MWR 12:00 - 12:55	B119 BAX	
L 171A	3-0-6	Accelerated Chinese for Heritage Learners <i>maximum enrollment: 20 students</i>	01	Zhu, J	MW 10:30 - 11:55	117 DAB	
L 172A	3-0-6	Intermediate Chinese <i>maximum enrollment: 20 students</i>	01	Zhu, J	MW 09:00 - 10:25	117 DAB	
L 173	3-0-6	Advanced Chinese - Contemporary China <i>max enrollment: 20 students</i>	01	Wang, P	MW 16:30 - 17:55	117 DAB	
MATERIALS SCIENCE							
MS 078A	+	Senior Thesis	01 02	Johnson, W Fultz, B	A A	A A	P P

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MATERIALS SCIENCE										
MS 078A	+	Senior Thesis	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			
			10	Daraio, C	A	A	P			
			11	See, K	A	A	P			
			12	Gao, W	A	A	P			
			13	Lewis, N	A	A	P			
			MS 078C	+	Senior Thesis	01	Fultz, B	A	A	P
						02	Gao, W	A	A	P
03	Lewis, N	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			
			08	Scherer, A	A	A	P			
APh/MS/ME 105A	3-0-6	States of Matter	01	Minnich, A	TR 14:30 - 15:55	104 WAT				
MS 110A	1-0-0	Materials Research Lectures	01	Fultz, B	W 16:00 - 16:55	153 NYS	P			
MS 115	3-0-6	Fundamentals of Materials Science	01	Roberts, S	MWF 09:00 - 09:55	142 KCK				
MS 132	3-0-6	Diffraction and Structure	01	Fultz, B	TR 09:00 - 10:25	104 WAT				

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MATERIALS SCIENCE										
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			
			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			

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MATERIALS SCIENCE							
MS 300	+	Thesis Research	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
			19	Gao, W	A	A	P
			20	Yeh, N	A	A	P
MATHEMATICS							
Ma 001A	4-0-5	Calculus of One and Several Variables and Linear Algebra	01	Gherman, M	MTWF 10:00 - 10:55 R 19:30 - 20:55	Hameetman Aud CHL Hameetman Aud CHL	P
			02	Conlon, D	MWF 10:00 - 10:55 R 09:00 - 09:55	Lecture Hall BAX 103 DWN	P
			03	Conlon, D	MWF 10:00 - 10:55 R 09:00 - 09:55	Lecture Hall BAX 107 DWN	P
			04	Conlon, D	MWF 10:00 - 10:55 R 10:00 - 10:55	Lecture Hall BAX B111 DWN	P
			05	Conlon, D	MWF 10:00 - 10:55 R 10:00 - 10:55	Lecture Hall BAX 102 STL	P
			06	Conlon, D	MWF 10:00 - 10:55 R 10:00 - 10:55	Lecture Hall BAX 269 LAU	P
			07	Conlon, D	MWF 10:00 - 10:55 R 13:00 - 13:55	Lecture Hall BAX 142 KCK	P
			08	Conlon, D	MWF 10:00 - 10:55 R 13:00 - 13:55	Lecture Hall BAX 151 CRL	P
			09	Conlon, D	MWF 10:00 - 10:55 R 09:00 - 09:55	Lecture Hall BAX B111 DWN	P
			10	Conlon, D	MWF 10:00 - 10:55 W 19:00 - 19:55	Lecture Hall BAX 107 DWN	P
			11	Conlon, D	MWF 10:00 - 10:55 R 19:00 - 19:55	Lecture Hall BAX 107 DWN	P

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MATHEMATICS							
Ma 002	4-0-5	Differential Equations <i>taught concurrently with Ma 102 // Practical Track: Sections 1-5 & 9-10 // Analytical Track: Sections 6-8</i>	01	Makarov, N	MWF 10:00 - 10:55 R 09:00 - 09:55	119 KRK 310 LINDE	
			02	Makarov, N	MWF 10:00 - 10:55 R 10:00 - 10:55	119 KRK 310 LINDE	
			03	Makarov, N	MWF 10:00 - 10:55 R 13:00 - 13:55	119 KRK 387 LINDE	
			04	Makarov, N	MWF 10:00 - 10:55 R 14:00 - 14:55	119 KRK B111 DWN	
			05	Makarov, N	MWF 10:00 - 10:55 R 15:00 - 15:55	119 KRK 103 DWN	
			06	Hutcherft, T	MWF 10:00 - 10:55 R 10:00 - 10:55	310 LINDE 387 LINDE	
			07	Hutcherft, T	MWF 10:00 - 10:55 R 13:00 - 13:55	310 LINDE 255 LINDE	
			08	Hutcherft, T	MWF 10:00 - 10:55 R 19:00 - 19:55	310 LINDE 103 DWN	
			09	Makarov, N	MWF 10:00 - 10:55 R 19:30 - 20:25	119 KRK 187 LINDE	
			10	Makarov, N	MWF 10:00 - 10:55 R 20:30 - 21:25	119 KRK 187 LINDE	
Ma 005A	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 105a</i>	01	Gherman, M	MWF 09:00 - 09:55	387 LINDE	
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma/CS 106a / sections 1, 2 and 4 cancelled</i>	03	Yu, T	MWF 13:00 - 13:55 R 13:00 - 13:55	310 LINDE 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	Graber, T	T 19:00 - 20:55	Hameetman Aud CHL	P

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MATHEMATICS							
Ma 020	1-0-0	Frontiers in Mathematics	01	Song, A	T 12:00 - 12:55	310 LINDE	P
Ma 092A	+	Senior Thesis	01	Mantovan, E	A	A	P
			02	Marculli, 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
			09	Aluffi, P	A	A	P
			10	Schuelke, B	A	A	P
			Ma 097	+	Research in Mathematics	01	Mantovan, E
02	Conlon, D	A				A	P
03	Szumowicz, A	A				A	P
04	Flach, M	A				A	P
05	Ervin, G	A				A	P
06	Tamuz, O	A				A	P
07	Yu, T	A				A	P
08	Schroeder, P	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
			06	Tamuz, O	A	A	P
			07	Vigneaux Ariztia, J	A	A	P
Ma 102	4-0-5	Differential Equations <i>taught concurrently with Ma 2 // Practical Track: Sections 1-5 // Analytical Track: Sections 6-8</i>	01	Makarov, N	MWF 10:00 - 10:55 R 09:00 - 09:55	119 KRK 102 STL	
			02	Makarov, N	MWF 10:00 - 10:55 R 10:00 - 10:55	119 KRK 310 LINDE	
			03	Makarov, N	MWF 10:00 - 10:55 R 13:00 - 13:55	119 KRK 387 LINDE	

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MATHEMATICS							
Ma 102	4-0-5	Differential Equations <i>taught concurrently with Ma 2 // Practical Track: Sections 1-5 // Analytical Track: Sections 6-8</i>	04	Makarov, N	MWF 10:00 - 10:55	119 KRK	
					R 14:00 - 14:55	B111 DWN	
			05	Makarov, N	MWF 10:00 - 10:55	119 KRK	
					R 15:00 - 15:55	103 DWN	
			06	Hutchcroft, T	MWF 10:00 - 10:55	310 LINDE	
					R 10:00 - 10:55	387 LINDE	
			07	Hutchcroft, T	MWF 10:00 - 10:55	310 LINDE	
					R 13:00 - 13:55	255 LINDE	
			08	Hutchcroft, T	MWF 10:00 - 10:55	310 LINDE	
					R 19:00 - 19:55	103 DWN	
Ma 105A	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 5a</i>	01	Gherman, M	MWF 09:00 - 09:55	387 LINDE	
Ma/CS 106A	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma/CS 6a // sections 1, 2 and 4 cancelled</i>	03	Yu, T	MWF 13:00 - 13:55	310 LINDE	
					R 13:00 - 13:55	187 LINDE	
Ma 108A	3-0-6	Classical Analysis	01	Caniato, R	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	Tamuz, O	MWF 11:00 - 11:55	Hameetman Aud CHL	
Ma 116A	3-0-6	Mathematical Logic and Axiomatic Set Theory	01	Ervin, G	TR 13:00 - 14:25	310 LINDE	
Ma 120A	3-0-6	Abstract Algebra	01	Fu, Y	MWF 09:00 - 09:55	310 LINDE	
Ma 121A	3-0-6	Combinatorial Analysis	01	Schuelke, B	MWF 14:00 - 14:55	255 LINDE	
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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MATHEMATICS							
Ma 290	+	Reading	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
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 <i>class full, closed to additional enrollment</i>	01	Niemeyer, G	W 13:00 - 13:55	B122 GCL	P

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MECHANICAL ENGINEERING							
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	Blanquart, G	MWF 14:00 - 14:55	135 GTL	G
ME 012A	3-0-6	Mechanics	01	Mello, M	TR 13:00 - 14:25	135 GTL	G
ME 013	0-4-0	Mechanical Prototyping <i>Student must submit a questionnaire available at https://registrar.caltech.edu/ME13-113FA2023</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	Colonus, T	MWF 13:00 - 13:55	135 GTL	G
ME 072A	2-8-2	Engineering Design Laboratory	01	Mello, M / Stovall, P	TR 15:00 - 16:25	115 GTL	G
CS/EE/ME 075A	+	Multidisciplinary Systems Engineering	01	Chung, S	MW 19:00 - 20:25	135 GTL	
ME 090A	0-0-9	Senior Thesis: Major Design Experience	01	Ames, A	A	A	G
ME 091A	0-0-9	Senior Thesis	01	Ames, 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
			12	Ames, A	A	A	P
			13	McKeon, B	A	A	P

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ME 100	+	Independent Studies in Mechanical Engineering	14	Orphan, V	A	A	P
			15	Blanquart, G	A	A	P
			16	Gharib, M	A	A	P
			17	Mello, M	A	A	P
			18	Greer, J	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Bae, H	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Lapusta, N	TR 09:00 - 10:25	135 GTL	G
APh/MS/ME 105A	3-0-6	States of Matter	01	Minnich, A	TR 14:30 - 15:55	104 WAT	
ME 110	+	Special Laboratory Work in Mechanical Engineering	01	Ames, A	A	A	P
ME 113	0-4-0	Mechanical Prototyping <i>Student must submit a questionnaire available at https://registrar.caltech.edu/ME13-113FA2023</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 10:00 - 10:55	135 GTL	
Ae/ME 118	3-0-6	Classical Thermodynamics	01	Dimotakis, P	TR 13:00 - 14:25	232 GUG	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	Lapusta, N	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
			03	Bhattacharya, K	A	A	P

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MECHANICAL ENGINEERING							
Ae/ACM/ME 232A	3-0-6	Computational Fluid Dynamics	01	Meiron, D	MWF 11:00 - 11:55	390 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
			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	Trojan, 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
			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

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MECHANICAL ENGINEERING							
ME 300	+	Research in Mechanical Engineering	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 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
			10	Tai, Y	A	A	P
			11	Yang, C	A	A	P
			12	Chandy, K	A	A	P
			14	Colonus, 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			

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MEDICAL ENGINEERING							
MedE 291	+	Research in Medical Engineering	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 057	3-0-6	Fundamentals of Music Theory and Elementary Ear Training <i>maximum enrollment: 15 students</i>	01	Nelson, J	TR 10:30 - 11:55	B133 BAX	
Mu 138	3-0-6	Themes in Western Music History and Historiography: 1600-1800 <i>maximum enrollment: 15 students</i>	01	Baker, N	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	240A CNRB	P
NB/Bi/CNS 152	2-0-4	Neural Circuits and Physiology of Homeostatic Regulation <i>class cancelled</i>	01	Staff	A	A	
NB/Bi/CNS 154	3-0-6	Principles of Neuroscience <i>class cancelled - to be offered in the spring</i>	01	Staff	A	A	
NB/Bi/CNS 162	2-4-6	Cellular and Systems Neuroscience Laboratory <i>maximum enrollment: 15 students</i>	01	Hong, E / Wagenaar, D	M 13:00 - 16:25	B160 CHR	
NB/Bi/CNS 164	3-0-6	Tools of Neurobiology	01	Meister, M / Rutishauser, U	TR 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 will meet in KRK B136 in cases of</i>	01	Allman, J	WF 14:00 - 15:55	BBE Tent Caltech Hall	G

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NEUROBIOLOGY							
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
			19	Sternberg, P	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
			25	Mobbs, D	A	A	P
			26	Mazmanian, S	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

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PERFORMING AND VISUAL ARTS							
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	House Music	P
			02	Ward, R	OM,A	House Music	P
			03	Elgart, M	OM,A	House Music	P
PVA032A	0-3-0	Symphony Orchestra	01	Price, G	T 19:30 - 22:00	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 - 22:30	Fr Rehearsal Hall HAM	
PVA035A	0-3-0	Glee Club	01	Sulahian, N	M 19:00 - 20:30	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
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	Silk Painting <i>maximum enrollment: 18 students</i>	01	Barry, J	M 19:00 - 21:55	Garage TCT	P
PVA062A	0-3-0	Drawing and Painting <i>maximum enrollment: 17 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							

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PHILOSOPHY							
Hum/PI 040	3-0-6	Right and Wrong <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start</i>	01	Quartz, S	TR 14:30 - 15:55	TR DAB	
Hum/PI 045	3-0-6	Ethics & AI <i>attendance at first class is required // maximum enrollment: 18 students per section // class closed, see instructor for waitlist</i>	01 02	Eberhardt, F Eberhardt, F	TR 13:00 - 14:25 TR 14:30 - 15:55	125 BAX 127 BAX	
PI 090A	1-0-8	Senior Thesis <i>Instructor permission required prior to registering</i>	01	Staff	A	A	G
PI 098	+	Reading in Philosophy <i>Instructor permission required prior to registering</i>	01	Quartz, S	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	B133 BAX	
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	B133 BAX	
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 24th // maximum enrollment: 15 students</i>	01	Quartz, S	TR 13:00 - 14:25	TR DAB	
PI/HPS 183	3-0-6	Bioethics <i>max enrollment: 15 students</i>	01	Gurcan, O	TR 10:30 - 11:55	104 WAT	G
PHYSICAL EDUCATION							
PE 001	3-0-0	Wellness <i>maximum enrollment: 20 students per section</i>	01	Morgan, H	TR 09:00 - 10:25	BAC	P
PE 003	3-0-0	Hiking <i>may only be taken once // maximum enrollment: 20 students</i>	01	Herbison, J	F 09:00 - 12:55	BAC	P

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PHYSICAL EDUCATION							
PE 004	3-0-0	Introduction to Power Walking <i>maximum enrollment: 20 students</i>	01	Weintraub, B	MW 09:00 - 10:25	BAC	P
PE 006	3-0-0	Core Training, Beginning/Intermediate <i>maximum enrollment: 18 students</i>	01	Brabson, A	MW 10:00 - 11:25	BAC	P
PE 008	3-0-0	Pickleball, Beginning <i>maximum enrollment: 16 students</i>	01	Brisotti, M / Morgan, H	MW 11:00 - 12:25	BAC	P
PE 010	3-0-0	Aerobic Dance <i>maximum enrollment: 20 students</i>	01	Waterman, D	MW 15:00 - 16:25	BAC	P
PE 022	1-0-0	Stretching <i>maximum enrollment: 20 students</i>	01	Morgan, H	T 14:30 - 15:25	BAC	P
PE 023	3-0-0	Pilates <i>maximum enrollment: 18 students</i>	01	Chiang, N	TR 13:00 - 14:25	BAC	P
PE 024	3-0-0	Yoga, Beginning <i>maximum enrollment: 18 students per section</i>	01	Chiang, N	MW 13:00 - 14:25	BAC	P
			02	Chiang, N	TR 10:30 - 11:55	BAC	P
PE 033	3-0-0	Beginning Triathlon Training <i>maximum enrollment: 16 students</i>	01	Beene, S	TR 10:30 - 11:55	BAC	P
PE 036	3-0-0	Swimming, Beginning/Intermediate <i>maximum enrollment: 16 students</i>	01	Gizella, M	MW 13:00 - 14:25	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
PE 060	3-0-0	Tennis, Beginning and Intermediate <i>maximum enrollment: 16 students</i>	01	Tarakchian, A	MW 10:00 - 11:25	BAC	P
PE 070	3-0-0	Weight Training, Beginning <i>maximum enrollment: 16 students</i>	01	Whitehead, K	MW 11:00 - 12:25	BAC	P
PE 081	3-0-0	Bouldering <i>may not be repeated // maximum enrollment: 12 students</i>	01	Herbison, J	TR 13:00 - 14:25	BAC	P
PE 082	3-0-0	Rock Climbing, Beginning and Intermediate <i>may not be repeated // maximum enrollment: 12 students</i>	01	Herbison, J	TR 14:30 - 15:55	BAC	P

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PHYSICAL EDUCATION							
PE 087	3-0-0	Intercollegiate Swimming and Diving Teams <i>Open to NCAA eligible students only</i>	01	Brabson, A	MTWRFS 16:00 - 17:55	BAC	P
PE 090	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 091	3-0-0	Intercollegiate Basketball Teams <i>Open to NCAA eligible students only</i>	01	Eslinger, O / Tarakchian, A	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 / Meyring, E	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 <i>section 2 cancelled</i>	01	Cheung, C	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 107 DWN	P
			03	Cheung, C	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 103 DWN	P
			04	Cheung, C	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG B111 DWN	P
			05	Cheung, C	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG B111 DWN	P
			06	Cheung, C	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 102 STL	P
			07	Cheung, C	MR 13:00 - 13:55 WF 11:00 - 11:55	102 STL 201 BRG	P
			08	Cheung, C	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 310 LINDE	P
			09	Cheung, C	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 269 LAU	P
			10	Cheung, C	WF 11:00 - 11:55	201 BRG	P

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PHYSICS											
Ph 001A	4-0-5	Classical Mechanics and Electromagnetism <i>section 2 cancelled</i>	10	Cheung, C	MR 15:00 - 15:55	107 DWN	P				
Ph 002A	4-0-5	Waves, Quantum Mechanics, and Statistical Physics	01	Hildebrandt, S	T 11:00 - 11:55 TR 20:00 - 20:55 R 11:00 - 11:55	201 BRG 269 LAU 269 LAU					
			02	Hildebrandt, S	T 11:00 - 11:55 WF 13:00 - 13:55	201 BRG 107 DWN					
			03	Hildebrandt, S	R 11:00 - 11:55 T 11:00 - 11:55 WF 15:00 - 15:55	269 LAU 201 BRG 107 DWN					
			04	Hildebrandt, S	R 11:00 - 11:55 T 11:00 - 11:55 WF 11:00 - 11:55 R 11:00 - 11:55	269 LAU 201 BRG 269 LAU 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 OM,T 14:00 - 14:55	308 BRG 308 BRG	
						02		Black, E / Libbrecht, K	R 13:00 - 15:55 OM,T 14:00 - 14:55	308 BRG 308 BRG	
						03		Black, E / Libbrecht, K	F 13:00 - 15:55 OM,T 14:00 - 14:55	308 BRG 308 BRG	
						FS/Ph 004		2-0-4	Freshman Seminar: Astrophysics and Cosmology with Open Data <i>maximum enrollment: 12 students</i>	01	
Ph 005	0-5-4	Analog Electronics for Physicists	01	Rice, F / Libbrecht, K	OM,T 16:00 - 16:55	201 BRG					
FS/Ph 009	2-0-4	First-Year Seminar: The Science of Music <i>open to first-year (undergraduates) only // 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				

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PHYSICS							
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	Adhikari, R	WF 13:00 - 15:55	183 LINDE	P
Ph 050A	1-0-2	Caltech Physics League	01	Refael, G	A	A	
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	G
Ph 079A	9-0-0	Senior Thesis (Theory)	01	Libbrecht, K	A	A	G
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	Fuller, J	TR 10:30 - 11:55	107 DWN	
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	

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PHYSICS							
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	Ye, L	TR 13:00 - 14:25	201 BRG	
Ph 136A	3-0-6	Applications of Classical Physics <i>class cancelled</i>	01	Staff	A	A	
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
			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

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PHYSICS							
Ph 171	+	Reading and Independent Study	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
			48	Spiropulu, M	A	A	P
			49	Stone, E	A	A	P
			50	Teukolsky, S	A	A	P
			51	Troian, S	A	A	P

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PHYSICS							
Ph 171	+	Reading and Independent Study	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
			64	Ye, L	A	A	P
Ph 172	+	Research in Physics	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			
			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			

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PHYSICS							
Ph 172	+	Research in Physics	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
			53	Wise, M	A	A	P
			54	Yeh, N	A	A	P
			55	Yue, Y	A	A	P
			56	Zmuidzinas, J	A	A	P

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PHYSICS							
Ph 172	+	Research in Physics	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	Chatziaoannou, K	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
			73	Zmuidzinas, J	A	A	P
74	Ye, L	A	A	P			
75	Most, E	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	P
Ph 235A	3-0-6	Theoretical Cosmology and Astroparticle Physics	01	Zurek, K	MW 13:00 - 14:25	469 LAU	P
Ph 236A	3-0-6	General Relativity	01	Chatziaoannou, K	TR 14:30 - 15:55	269 LAU	
Ph 242A	2-0-2	Physics Seminar	01	Libbrecht, K	F 12:00 - 13:55	B160 BRG	P
Ph 300	+	Thesis Research	01	Adhikari, R	A	A	P
			02	Alicea, J	A	A	P

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PHYSICS							
Ph 300	+	Thesis Research	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
			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
			33	Painter, O	A	A	P
			34	Patterson, R	A	A	P
			35	Phillips, R	A	A	P

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PHYSICS							
Ph 300	+	Thesis Research	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	Chatzioannou, K	A	A	P			
59	Zurek, K	A	A	P			
60	Most, E	A	A	P			
POLITICAL SCIENCE							
PS 097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
PS 099A	3-0-6	Political Science Research Seminar <i>Designated as Writing Intensive Course // Instructor permission required prior to</i>	01	Alvarez, R	A	A	

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POLITICAL SCIENCE							
IDS/Ec/PS 126	3-0-6	Applied Data Analysis	01	Katz, J	MW 10:30 - 11:55	125 BAX	G
PS 132	3-0-6	Formal Theories in Political Science	01	Agranov, M	TR 10:30 - 11:55	125 BAX	
PSYCHOLOGY							
Ec/Psy 106	3-0-6	Behavioral Game Theory	01	Camerer, C	TR 10:30 - 11:55	B125 BAX	G
Psy115	3-0-6	Social Psychology <i>maximum enrollment: 30 students</i>	01	Kahn, D	TR 10:30 - 11:55	127 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	237 BAX	P
SS/Psy/CNS 285	1.5-0-1.5	Topics in Social, Cognitive, and Decision Sciences <i>class cancelled, will be offered winter term</i>	01	Staff	A	A	P
SCIENTIFIC AND ENGINEERING COMMUNICATION							
SEC010	3-0-0	Technical Seminar Presentations <i>maximum enrollment: 18 students per section / class closed -to be added to the waitlist, go to http://registrar.caltech.edu/SEC10WaitlistForm</i>	01	Austin, T	MWF 09:00 - 09:55	100 PWL/BTH	G
			02	Austin, T	MWF 10:00 - 10:55	100 PWL/BTH	G
			03	Gold, J	MWF 11:00 - 11:55	100 PWL/BTH	G
SEC011	1-0-2	Written Academic Communication in Engineering and Applied Science <i>Open to E&AS and GPS students only // Maximum enrollment: 20 students // to be added to waitlist go to https://forms.office.com/r/mGJGagvkPq</i>	01	Meyer, V	F 10:00 - 10:55	104 WAT	G

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SCIENTIFIC AND ENGINEERING COMMUNICATION							
SEC012	1-0-2	Written Professional Communication in Engineering and Applied Science <i>Priority given to E&AS seniors // Maximum enrollment: 20 students // to be added to waitlist go to https://forms.office.com/r/mGJGagvkPq</i>	01	Bickford, C	F 13:00 - 13:55	104 WAT	G
SEC013	1-0-2	Written Communication about Engineering and Applied Sciences to Non-Specialists <i>Open to E&AS and GPS students only // Maximum enrollment: 20 students per section // to be added to waitlist go to https://forms.office.com/r/mGJGagvkPq</i>	01	Burkett, E	W 11:00 - 11:55	104 WAT	G
SEC100	+	Special Topics in Scientific and Engineering Communication <i>Sec 1: Independent Projects in SEC</i>	01	Staff	A	A	
E/SEC 102	3-0-6	Scientific and Technology Entrepreneurship	01	Gross, W / Hull, J	TR 15:00 - 15:55	135 GTL	
SEC111	3-0-3	Effective Communication Strategies for Engineers and Scientists <i>class cancelled</i>	01	Staff	A	A	P
SOCIAL SCIENCE							
SS 201A	3-0-6	Analytical Foundations of Social Science <i>Open to Social Science graduate students only</i>	01	Pomatto, L	TR 13:00 - 14:25	115 DAB	G
SS 202A	3-0-6	Political Theory <i>Open to Social Science graduate students only</i>	01	Katz, J	M 13:00 - 15:55	325 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	115 DAB	G
SS 211A	3-0-6	Advanced Economic Theory	01	Saito, K	MW 14:30 - 15:55	125 BAX	G
SS 212A	3-0-6	Experimental Economics	01	Sprenger, C	TR 13:00 - 14:25	228 BAX	

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SOCIAL SCIENCE							
SS/Ma 214	3-0-6	Mathematical Finance	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	TR 14:30 - 15:55	115 DAB	G
SS 224	3-3-3	Social Science Data <i>2nd yr Social Science grads only</i>	01	Alvarez, R	MWF 09:00 - 09:55	125 BAX	G
SS 281	3-0-6	Graduate Social Science Writing Seminar	01	Gibilisco, M	MWF 11:00 - 11:55	128 BAX	P
SS 282A	1.5-0-1.5	Graduate Proseminar in Social Science	01	Nielsen, K	M 14:30 - 15:55	B125 BAX	P
SS/Psy/CNS 285	1.5-0-1.5	Topics in Social, Cognitive, and Decision Sciences <i>class cancelled, will be offered winter term</i>	01	Staff	A	A	P
SS 300	+	Research in Social Science	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
			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

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SOCIAL SCIENCE							
SS 300	+	Research in Social Science	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 / Mateo, V	W 19:00 - 21:55	132 YHC	P
			02	Stapf, M / Mateo, V	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
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							

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VISUAL CULTURE							
Hum/VC 048	3-0-6	Ways of Seeing <i>class cancelled</i>	01	Staff	A	A	
Hum/VC 049	3-0-6	Seeing Race <i>attendance at first class is required // maximum enrollment: 18 students // class closed to continuing students until term start</i>	01	Stielau, A	TR 14:30 - 15:55	142 KCK	
Hum/VC 050	3-0-6	Introduction to Film <i>attendance at first class is required // maximum enrollment: 18 students // class closed - see instructor for waitlist</i>	01	Jurca, C	TR 13:00 - 14:25	128 BAX	
L/VC 111	3-0-6	Introduction to 21st-Century French Cinema <i>max enrollment: 15 students</i>	01	Orcel, C	M 19:00 - 20:25 W 19:30 - 20:55	127 BAX 127 BAX	G
VC 130	3-0-6	Surveillance <i>class cancelled</i>	01	Staff	A	A	
En/VC 160B	3-0-6	Classical Hollywood Cinema <i>maximum enrollment: 15 students // class closed, see instructor to enroll</i>	01	Jurca, C	TR 10:30 - 11:55	TR DAB	
VC 171	3-0-6	Arts of Buddhism <i>maximum enrollment: 15 students</i>	01	Wolfgram, J	TR 10:30 - 11:55	B119 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	Hall, S	TR 09:00 - 10:25	115 DAB	P
			03	Schneiderman, J	TR 13:00 - 14:25	115 BCK	P
			04	Sherazi, M	TR 14:30 - 15:55	115 BCK	P
			05	Manoukian, N	TR 14:30 - 15:55	117 DAB	P
			06	Gaida, M	TR 14:30 - 15:55	121 BCK	P
			07	Gaida, M	TR 13:00 - 14:25	121 BCK	P
Wr 050	+	Tutorial in Writing	01	Hall, S	A	A	P