

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

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

TIMES/LOCATION/UNITS

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

GRADING SCHEME

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

DAYS OF THE WEEK

M = Monday	R = Thursday
T = Tuesday	F = Friday
W = Wednesday	S = Saturday
	U = Sunday

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AEROSPACE							
Ae 100	+	Research in Aerospace	01	Culick, F	A	A	P
			02	McKeon, B	A	A	P
			03	Chung, S	A	A	P
			04	Leonard, A	A	A	P
			05	Pellegrino, S	A	A	P
			06	Blanquart, G	A	A	P
			07	Shepherd, J	A	A	P
			08	Gharib, M	A	A	P
			09	Meiron, D	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Rosakis, A	TR 09:00 - 10:25	135 GTL	G
Ae/APh 104A	3-0-6	Experimental Methods	01	McKeon, B	MWF 11:00 - 11:55	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 10:30 - 11:55	133 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
EE/Ae 157A	3-0-6	Introduction to the Physics of Remote Sensing <i>class cancelled - to be offered winter term</i>	01	Staff	A	A	
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>taught concurrently with Ae/AM/CE/ME 102a</i>	01	Rosakis, A	TR 09:00 - 10:25	135 GTL	
Ae 200	+	Advanced Research in Aerospace	01	Bhattacharya, K	A	A	P
			02	McKeon, B	A	A	P

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AEROSPACE							
Ae 200	+	Advanced Research in Aerospace	03	Blake, G	A	A	P
			04	Dimotakis, P	A	A	P
			05	Gharib, M	A	A	P
			06	Hornung, H	A	A	P
			07	Leonard, A	A	A	P
			08	Daraio, C	A	A	P
			09	Ortiz, M	A	A	P
			10	Pellegrino, S	A	A	P
			11	Pullin, D	A	A	P
			12	Ravichandran, G	A	A	P
			13	Rosakis, A	A	A	P
			14	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
			23	Kochmann, D	A	A	P
			24	Gurnis, M	A	A	P
			25	Minnich, A	A	A	P
			26	Johnson, J	A	A	P
			27	Murray, R	A	A	P
			28	Austin, J	A	A	P
			29	Kulkarni, S	A	A	P
			30	Burdick, J	A	A	P
			31	Asimaki, D	A	A	P
			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
Ae 201A	3-0-6	Advanced Fluid Mechanics	01	Pullin, D	MWF 08:00 - 08:55	133 GUG	P
Ae 208A	1-0-0	GALCIT Colloquium	01	Austin, J	F 15:00 - 15:55	133 GUG	P
Ae/CE 221	3-0-6	Space Structures	01	Pellegrino, S	MR 16:30 - 17:55	133 GUG	
Ae/ACM/ME 232A	3-0-6	Computational Fluid Dynamics	01	Bae, H	TR 09:00 - 10:25	133 GUG	
Ae 240	+	Special Topics in Fluid Mechanics	01	Meiron, D	A	A	P
ANTHROPOLOGY							
An 015	3-0-6	Human Evolution <i>class cancelled</i>	01	Staff	A	A	
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
ACM081A	+	Undergraduate Projects in Applied and Computational Mathematics	01	Wierman, A	A	A	P
			02	Anandkumar, A	A	A	P
ACM/IDS 101A	4-4-4	Methods of Applied Mathematics	01	Bruno, O	TR 14:30 - 16:25	104 ANB	
ACM/IDS 104	3-1-5	Applied Linear Algebra <i>Ma 1abc prerequisite enforced</i>	01	Zuev, K	TR 10:30 - 11:55	REMOTE	

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APPLIED & COMPUTATIONAL MATH							
ACM/EE 106A	3-0-9	Introductory Methods of Computational Mathematics	01	Hou, Y	MW 13:00 - 14:25	REMOTE	
CMS/ACM/IDS 107	3-0-9	Linear Analysis with Applications	01	Stuart, A	TR 09:00 - 10:25	REMOTE	
CMS/ACM 113	3-0-9	Mathematical Optimization <i>course has been renamed - now offered as CMS/ACM/EE 122</i>	01	Staff	A	A	
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	REMOTE	
CMS/ACM 117	3-0-9	Probability Theory and Stochastic Processes	01	Tropp, J	M 14:30 - 15:55 TR 10:30 - 11:55	213 ANB 213 ANB	
CMS/ACM/EE 122	3-0-9	Mathematical Optimization <i>formerly CMS/ACM/IDS 113</i>	01	Chandrasekaran, V	MWF 10:30 - 11:55	104 ANB	
Ma/ACM 142A	3-0-6	Ordinary and Partial Differential Equations <i>class cancelled // to be offered winter term</i>	01	Staff	A	A	P
ACM/IDS 154	3-0-6	Inverse Problems and Data Assimilation	01	Stuart, A	TR 13:00 - 14:25	REMOTE	
ACM190	+	Reading and Independent Study	01 02 03 04 05 06 07 08	Hou, Y Hassibi, B Espanol, M Heaton, T Owhadi, H Desbrun, M Bruno, O Stuart, 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
Ae/ACM/ME 232A	3-0-6	Computational Fluid Dynamics	01	Bae, H	TR 09:00 - 10:25	133 GUG	
ACM300	+	Research in Applied and Computational Mathematics	01 02 03	Bruno, O Chandrasekaran, V Desbrun, M	A A A	A A A	P P P

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APPLIED & COMPUTATIONAL MATH							
ACM300	+	Research in Applied and Computational Mathematics	04	Hou, Y	A	A	P
			05	Beck, J	A	A	P
			06	Meiron, D	A	A	P
			07	Pierce, N	A	A	P
			08	Schroeder, P	A	A	P
			09	Owhadi, H	A	A	P
			10	Tropp, J	A	A	P
			12	Hassibi, B	A	A	P
			13	Stuart, A	A	A	P
			14	Graber, T	A	A	P
APPLIED MECHANICS							
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Rosakis, A	TR 09:00 - 10:25	135 GTL	G
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	REMOTE	P
AM/CE 151	3-0-6	Dynamics and Vibration <i>class cancelled - to be offered spring term</i>	01	Staff	A	A	G
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				

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APPLIED PHYSICS							
APh/EE 009A	2-2-2	Solid-State Electronics for Integrated Circuits	01	Scherer, A	TR 13:00 - 13:55	B280 MRE	
APh/EE 023	3-0-6	Demonstration Lectures in Classical and Quantum Photonics <i>class cancelled, will be offered winter term</i>	01	Staff	A	A	
APh078A	0-9-0	Senior Thesis, Experimental	01	Painter, O	A	A	G
			02	Vahala, K	A	A	G
			03	Atwater, H	A	A	G
			04	Scherer, A	A	A	G
			05	Bellan, P	A	A	G
			06	Phillips, R	A	A	G
			07	Troian, S	A	A	G
			08	Faraon, A	A	A	G
			09	Lewis, N	A	A	G
			10	Yung, Y	A	A	G
			11	Schwab, K	A	A	G
			12	Endres, M	A	A	G
			13	Hajimiri, S	A	A	G
			14	Fultz, B	A	A	G
APh079A	0-9-0	Senior Thesis, Theoretical	01	Troian, S	A	A	G
			02	Kimble, H	A	A	G
			03	Fultz, B	A	A	G
APh100	+	Advanced Work in Applied Physics	01	Phillips, R	A	A	P
			02	Vahala, K	A	A	P
			03	Scherer, A	A	A	P
			04	Troian, S	A	A	P
			05	Faraon, A	A	A	P
			06	Atwater, H	A	A	P
			07	Roukes, M	A	A	P
			08	Choo, H	A	A	P
			09	Minnich, A	A	A	P
			10	Painter, O	A	A	P

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Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	133 GUG	G
Ae/APh 104A	3-0-6	Experimental Methods	01	McKeon, B	MWF 11:00 - 11:55	133 GUG	G
APh/MS 105A	3-0-6	States of Matter	01	Minnich, A	TR 14:30 - 15:55	142 KCK	
APh110	2-0-0	Topics in Applied Physics	01	Bellan, P	M 12:00 - 12:55	142 KCK	P
APh114A	3-0-6	Solid-State Physics	01	Schwab, K	MWF 09:00 - 09:55	104 WAT	
EE/APh 123	1-3-5	Advanced Lasers and Photonics Laboratory <i>attendance at OM is mandatory for enrollment</i>	01	Marandi, A	M 13:00 - 13:55	142 KCK	G
APh/EE 130	3-0-6	Electromagnetic Theory	01	Faraon, A	TR 09:00 - 10:25	B280 MRE	
Ph/APh 137A	3-0-6	Atoms and Photons	01	Hutzler, N	TR 10:30 - 11:55	269 LAU	
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	Atwater, H	A	A	P
			02	Desbrun, M	A	A	P
			03	Bellan, P	A	A	P
			04	Snyder, G	A	A	P
			05	Trojan, S	A	A	P
			06	Fultz, B	A	A	P
			07	Johnson, W	A	A	P
			08	Chen, Y	A	A	P
			09	Minnich, A	A	A	P

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APh200	+	Applied Physics Research	10	Refael, G	A	A	P
			11	Goddard, W	A	A	P
			12	Faraon, A	A	A	P
			13	Hsieh, D	A	A	P
			14	Preskill, J	A	A	P
			15	Faraon, A	A	A	P
			16	Yang, C	A	A	P
			17	Alicea, J	A	A	P
			18	Gharib, M	A	A	P
			19	Bernardi, M	A	A	P
			20	Painter, O	A	A	P
			21	Phillips, R	A	A	P
			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	Heath, J	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			

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APh200	+	Applied Physics Research	45	Marandi, A	A	A	P
APh300	+	Thesis Research in Applied Physics	01	Atwater, H	A	A	P
			02	Fultz, B	A	A	P
			03	Bellan, P	A	A	P
			04	Snyder, G	A	A	P
			05	Yariv, A	A	A	P
			06	Johnson, W	A	A	P
			07	Flagan, R	A	A	P
			08	Troian, S	A	A	P
			09	Painter, O	A	A	P
			10	Desbrun, M	A	A	P
			11	Hsieh, D	A	A	P
			12	Faraon, A	A	A	P
			13	Bhattacharya, K	A	A	P
			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
ASTROPHYSICS							

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ASTROPHYSICS							
Ay 020	3-1-5	Basic Astronomy and the Galaxy	01	Kasliwal, M	TR 13:00 - 14:25	107 DWN	
Ay 030	2-0-1	Introduction to Modern Research	01	Kulkarni, S	T 19:00 - 20:55	269 LAU	P
Ay 043	+	Reading in Astronomy and Astrophysics	01	Staff	A	A	P
Ay 078A	9-0-0	Senior Thesis	01	Bock, J	A	A	
			02	Djorgovski, S	A	A	
			03	Fuller, J	A	A	
			04	Hallinan, G	A	A	
			05	Harrison, F	A	A	
			06	Hillenbrand, L	A	A	
			07	Hopkins, P	A	A	
			08	Howard, A	A	A	
			09	Kasliwal, M	A	A	
			10	Kirby, E	A	A	
			11	Knutson, H	A	A	
			12	Kulkarni, S	A	A	
			13	Martin, C	A	A	
			14	Mawet, D	A	A	
			15	Phinney, E	A	A	
			16	Prince, T	A	A	
			17	Sargent, A	A	A	
			18	Steidel, C	A	A	
			19	Zmuidzinas, J	A	A	
			20	Ravi, V	A	A	
Ay 101	3-0-6	Physics of Stars	01	Mawet, D	TR 14:30 - 15:55	Hameetman Aud CHL	
Ay/Ge 107	1-1-7	Introduction to Astronomical Observation <i>maximum enrollment: 12 students</i>	01	Hillenbrand, L / de Kleer, K	R 14:30 - 15:55 R 19:00 - 20:55	387 LINDE 387 LINDE	

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ASTROPHYSICS							
Ay 111A	3-0-0	Introduction to Current Astrophysics Research	01	Djorgovski, S	F 11:00 - 11:55	219 CHL	P
Ay 121	3-0-6	Radiative Processes	01	Ravi, V	TR 10:30 - 11:55	219 CHL	
Ay 122A	3-0-6	Astronomical Measurements and Instrumentation	01	Martin, C / Howard, A	TR 13:00 - 14:25	Hameetman Aud CHL	
Ay 127	3-0-6	Astrophysical Cosmology	01	Martin, C	TR 14:30 - 15:55	219 CHL	
Ge/Ay 133	3-0-6	The Formation and Evolution of Planetary Systems	01	Batygin, K	MWF 13:00 - 13:55	REMOTE	
Ay 141A	1-0-2	Research Conference in Astronomy	01	Hallinan, G	F 16:00 - 16:55	Hameetman Aud CHL	P
Ay 142	+	Research in Astronomy and Astrophysics	01	Bock, J	A	A	P
			02	Djorgovski, S	A	A	P
			03	Fuller, J	A	A	P
			04	Hallinan, G	A	A	P
			05	Harrison, F	A	A	P
			06	Hillenbrand, L	A	A	P
			07	Hopkins, P	A	A	P
			08	Howard, A	A	A	P
			09	Kasliwal, M	A	A	P
			10	Kirby, E	A	A	P
			11	Knutson, H	A	A	P
			12	Kulkarni, S	A	A	P
			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

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ASTROPHYSICS							
Ay 142	+	Research in Astronomy and Astrophysics	20	Hopkins, P	A	A	P
			21	Batygin, K	A	A	P
			22	Blake, G	A	A	P
			23	Ravi, V	A	A	P
			24	Readhead, A	A	A	P
			25	Golwala, S	A	A	P
Ay 143	+	Reading and Independent Study	01	Bock, J	A	A	P
			02	Djorgovski, S	A	A	P
			03	Fuller, J	A	A	P
			04	Hallinan, G	A	A	P
			05	Harrison, F	A	A	P
			06	Hillenbrand, L	A	A	P
			07	Hopkins, P	A	A	P
			08	Howard, A	A	A	P
			09	Kasliwal, M	A	A	P
			10	Kirby, E	A	A	P
			11	Knutson, H	A	A	P
			12	Kulkarni, S	A	A	P
			13	Martin, C	A	A	P
			14	Mawet, D	A	A	P
			15	Phinney, E	A	A	P
			16	Prince, T	A	A	P
			17	Sargent, A	A	A	P
			18	Steidel, C	A	A	P
			19	Zmuidzinas, J	A	A	P
			20	Batygin, K	A	A	P
			21	Blake, G	A	A	P
			22	Golwala, S	A	A	P
Ay 144	+	Independent Writing in Astronomy	01	Golwala, S	A	A	P
			02	Harrison, F	A	A	P

BIOCHEMISTRY & MOLECULAR BIOPHYSICS

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BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
Ch/BMB 129	3-0-6	Introduction to Biophotonics	01	Wei, L	M 13:00 - 14:55	151 CRL	
BMB/Bi/Ch 174	3-0-3	Advanced Topics in Biochemistry and Molecular Biophysics	01	Semlow, D / Chong, S	MW 12:00 - 13:25	106 SPL	
BMB/Ch 178	3-0-6	Macromolecular Function: Kinetics, Energetics, and Mechanisms	01	Shan, S	WF 10:30 - 11:55	101 SCH	
BMB/Ch 202A	1-0-0	Biochemistry Seminar Course	01	Clemons, W	R 12:00 - 12:55	320 BRN	P
Bi/BMB 251A	1-0-0	Current Research in Cellular and Molecular Biology <i>class cancelled</i>	01	Hay, B	A	A	P
BMB299	+	Graduate Research	01	Arnold, F	A	A	P
			02	Bjorkman, P	A	A	P
			03	Hoelz, A	A	A	P
			04	Campbell, J	A	A	P
			05	Phillips, R	A	A	P
			06	Thomson, M	A	A	P
			07	Dervan, P	A	A	P
			08	Dougherty, D	A	A	P
			09	Fraser, S	A	A	P
			10	Goddard, W	A	A	P
			11	Hsieh-Wilson, L	A	A	P
			12	Jensen, G	A	A	P
			13	Baltimore, D	A	A	P
			14	Davis, M	A	A	P
			15	Mayo, S	A	A	P
			16	Parker, C	A	A	P
			17	Hay, B	A	A	P
			18	Leadbetter, J	A	A	P
			19	Chan, D	A	A	P
			20	Cai, L	A	A	P
			21	Newman, D	A	A	P

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

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BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB299	+	Graduate Research	55	Ismagilov, R	A	A	P
			56	Miller, T	A	A	P
			57	Guttman, M	A	A	P
			58	Zinn, K	A	A	P
			59	Ondrus, A	A	A	P
			60	Rothmund, P	A	A	P
			61	Voorhees, R	A	A	P
			62	Winfrey, E	A	A	P
			63	Pachter, L	A	A	P
			64	Dunphy, W	A	A	P
			65	Semlow, D	A	A	P
			66	Parker, J	A	A	P
			67	Chong, S	A	A	P
BIOENGINEERING							
BE 001	1-0-0	Frontiers in Bioengineering	01	Bois, J	F 09:00 - 09:55	100 CNRB	P
BE 098	+	Undergraduate Research in Bioengineering <i>If your research advisor does not appear below, please contact the Office of the Registrar.</i>	01	Arnold, F	A	A	P
			02	Qian, L	A	A	P
			03	Burdick, J	A	A	P
			04	Sternberg, P	A	A	P
			05	Kennedy, M	A	A	P
			06	Shan, S	A	A	P
			07	Gharib, M	A	A	P
			08	Hajimiri, S	A	A	P
			09	Aravin, A	A	A	P
			10	Lester, H	A	A	P
			11	Gradinaru, V	A	A	P
			12	Pierce, N	A	A	P
			13	Mayo, S	A	A	P
			14	Ponce, A	A	A	P
			15	Yue, Y	A	A	P
			16	Roukes, M	A	A	P

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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>	17	Scherer, A	A	A	P
			18	Tai, Y	A	A	P
			19	Tirrell, D	A	A	P
			20	Yang, C	A	A	P
			21	Ondrus, A	A	A	P
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			26	Leadbetter, J	A	A	P
			27	Winfree, E	A	A	P
			30	Kornfield, J	A	A	P
			31	Baltimore, D	A	A	P
			32	Shimojo, S	A	A	P
			33	Dervan, P	A	A	P
			34	Guttman, M	A	A	P
			35	Bjorkman, P	A	A	P
			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			
BE 099A	+	Senior Thesis in Bioengineering	01	Murray, R	A	A	P
			02	Gradinaru, V	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	130 CNRB	
					W 09:00 - 09:55	100 CNRB	
			02	Bois, J	M 13:00 - 15:55	130 CNRB	
					W 10:00 - 10:55	100 CNRB	
			03	Bois, J	M 19:00 - 21:55	130 CNRB	
W 09:00 - 09:55	100 CNRB						
04	Bois, J	M 19:00 - 21:55	130 CNRB				

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BIOENGINEERING							
BE/Bi 103A	1-3-5	Introduction to Data Analysis in the Biological Sciences	04	Bois, J	W 10:00 - 10:55	100 CNRB	
			05	Bois, J	M 09:00 - 11:55	130 CNRB	
					W 09:00 - 09:55	100 CNRB	
			06	Bois, J	M 09:00 - 11:55	130 CNRB	
					W 10:00 - 10:55	100 CNRB	
ChE/BE 163	3-0-9	Introduction to Biomolecular Engineering	01	Pierce, N / Bois, J	TR 13:00 - 14:25	153 NYS	
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	Heath, J	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
			14	Ponce, A	A	A	P
			15	Trojan, 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

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BIOENGINEERING							
BE 200	+	Research in Bioengineering	22	Guttman, M	A	A	P
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			25	Kornfield, J	A	A	P
			26	Leadbetter, J	A	A	P
			27	Winfree, E	A	A	P
			28	Meister, M	A	A	P
			29	Bjorkman, P	A	A	P
			30	Shimojo, S	A	A	P
			31	Shapiro, M	A	A	P
			32	Sternberg, P	A	A	P
			33	Rothmund, P	A	A	P
			34	Anderson, D	A	A	P
			35	Goentoro, L	A	A	P
			36	Andersen, R	A	A	P
			37	Qian, L	A	A	P
			38	Dickinson, M	A	A	P
			39	Mayo, S	A	A	P
			40	Greer, J	A	A	P
			41	Thomson, M	A	A	P
			42	Pachter, L	A	A	P
			43	Mazmanian, S	A	A	P
			44	Lois, C	A	A	P
			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
			Bi/BE/CNS/NB 241	1-8-0	Spatial Genomics <i>class cancelled, to be offered third term</i>	01	Cai, L

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BIOENGINEERING							
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	T 15:00 - 15:55	100 CNRB	P
BIOLOGY							
Bi 002	1-0-2	Current Research in Biology <i>open to incoming freshmen 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
			11	Fraser, S	A	A	P
			12	Meyerowitz, E	A	A	P
			13	Kennedy, M	A	A	P
			14	Mazmanian, S	A	A	P
			15	Winfree, E	A	A	P
			16	Thomson, M	A	A	P
			17	Orphan, V	A	A	P
			18	Shapiro, M	A	A	P
			19	Van Valen, D	A	A	P
			20	Andersen, R	A	A	P
			24	Wold, B	A	A	P
			32	Goddard, W	A	A	P
			33	Elowitz, M	A	A	P
			37	Stathopoulos, A	A	A	P

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BIOLOGY							
Bi 022	+	Undergraduate Research	38	Chan, D	A	A	P
			39	Stevenson, D	A	A	P
			40	Parker, C	A	A	P
			41	Hay, B	A	A	P
			43	Shimojo, S	A	A	P
			44	Sauka-Spengler, T	A	A	P
			45	Clemons, W	A	A	P
			46	Baltimore, D	A	A	P
			47	Tirrell, D	A	A	P
			48	Anderson, D	A	A	P
			52	Prober, D	A	A	P
			53	Newman, D	A	A	P
			54	Gradinaru, V	A	A	P
			55	Guttman, M	A	A	P
			56	Meister, M	A	A	P
			57	Goentoro, L	A	A	P
			58	Stevenson, D	A	A	P
			60	Hsiao, E	A	A	P
			61	Shan, S	A	A	P
			62	Cai, L	A	A	P
63	Pachter, L	A	A	P			
64	Wei, L	A	A	P			
65	Ondrus, A	A	A	P			
66	Wang, K	A	A	P			
67	Parker, J	A	A	P			
68	Chou, T	A	A	P			
69	Dunphy, W	A	A	P			
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

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BIOLOGY										
Bi 090A	+	Undergraduate Thesis	06	Kennedy, M / Baltimore, D	A	A	P			
			07	Kennedy, M / Fejes Toth, K	A	A	P			
			08	Kennedy, M / Anderson, D	A	A	P			
			09	Kennedy, M / Hong, E	A	A	P			
			10	Kennedy, M / Gradinaru, V	A	A	P			
			11	Kennedy, M / Rothenberg, E	A	A	P			
			12	Kennedy, M / Doyle, J	A	A	P			
			13	Kennedy, M / Wold, B	A	A	P			
			14	Kennedy, M / Mazmanian, S	A	A	P			
			15	Kennedy, M / Siapas, A	A	A	P			
			16	Kennedy, M / Hsieh-Wilson, L	A	A	P			
			Bi 090B	+	Undergraduate Thesis	01	Kennedy, M / Bronner Hansen, M	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	130 CNRB	
								W 09:00 - 09:55	100 CNRB	
						02	Bois, J	M 13:00 - 15:55	130 CNRB	
W 10:00 - 10:55	100 CNRB									
03	Bois, J	M 19:00 - 21:55				130 CNRB				
		W 09:00 - 09:55				100 CNRB				
04	Bois, J	M 19:00 - 21:55				130 CNRB				
		W 10:00 - 10:55				100 CNRB				
05	Bois, J	M 09:00 - 11:55				130 CNRB				
		W 09:00 - 09:55				100 CNRB				
06	Bois, J	M 09:00 - 11:55				130 CNRB				
		W 10:00 - 10:55				100 CNRB				
Ch/Bi 110	4-0-8	Introduction to Biochemistry	01	Clemons, W	MWF 11:00 - 11:55	153 NYS				
					W 15:00 - 16:55	119 KRK				

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BIOLOGY							
Bi 122	3-0-6	Genetics <i>no time conflicts are permitted</i>	01	Sternberg, P / 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	
Bi/CNS/NB 162	2-4-6	Cellular and Systems Neuroscience Laboratory <i>now offered as NB/Bi/CNS 162</i>	01	Staff	A	A	
NB/Bi/CNS 162	2-4-6	Cellular and Systems Neuroscience Laboratory <i>maximum enrollment: 10 students per section</i>	01 02	Bremner, L Bremner, L	R 13:00 - 16:25 F 13:00 - 16:25	B160 CHR B160 CHR	
Bi/CNS/NB 164	3-0-6	Tools of Neurobiology <i>class now offered as NB/Bi/CNS 164</i>	01	Staff	A	A	
NB/Bi/CNS 164	3-0-6	Tools of Neurobiology	01	Meister, M	WF 13:00 - 14:25	REMOTE	
Bi 165	2-3-1	Microbiology Research: Practice and Proposal	01	Hoy, J	W 11:00 - 11:55	130 CNRB	P
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	01	Semlow, D / Chong, S	MW 12:00 - 13:25	106 SPL	
Bi 190	2-0-4	Systems Genetics	01	Sternberg, P	MW 10:00 - 10:55	B180 BBB	
Bi 192	2-0-4	Introduction to Systems Biology <i>Meets outdoors between Crellin & Millikan; B101 BBB reserved as backup for inclement weather</i>	01	Goentoro, L	TR 10:30 - 11:55	A	
Bi/CNS/NB 195	3-0-6	Mathematics in Biology <i>class will meet in 130 CNRB on Tuesday, November 9th</i>	01	Thomson, M	TR 10:30 - 11:55	100 CNRB	
BE/Bi/CNS/NB 197	+	Mentoring and Outreach	01	Bjorkman, P	A	A	P

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BIOLOGY							
Bi/CNS/NB 216	2-0-4	Behavior of Mammals <i>class renamed NB/Bi/CNS 216</i>	01	Staff	A	A	G
NB/Bi/CNS 216	2-0-4	Behavior of Mammals	01	Allman, J	F 14:00 - 15:55	240A CNRB	G
Bi/BE/CNS/NB 241	1-8-0	Spatial Genomics <i>class cancelled, to be offered third term</i>	01	Cai, L	A	A	
Bi 250A	3-0-6	Topics in Molecular and Cellular Biology	01	Voorhees, R / Aravin, A	TR 14:30 - 15:55	153 NYS	P
Bi/BMB 251A	1-0-0	Current Research in Cellular and Molecular Biology <i>class cancelled</i>	01	Hay, B	A	A	P
Bi 252	2-0-2	Responsible Conduct of Research	01	Sternberg, P / Meyerowitz, E	M 14:00 - 15:55	100 CNRB	P
Bi 299	+	Graduate Research	01	Kirschvink, J	A	A	P
			02	Ondrus, A	A	A	P
			03	Allman, J	A	A	P
			04	Anderson, D	A	A	P
			05	Arnold, F	A	A	P
			06	Qian, L	A	A	P
			07	Pierce, N	A	A	P
			08	Bjorkman, P	A	A	P
			09	Bronner Hansen, M	A	A	P
			10	Campbell, J	A	A	P
			11	Chan, D	A	A	P
			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

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

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BIOLOGY							
Bi 299	+	Graduate Research	52	Mazmanian, S	A	A	P
			53	Clemons, W	A	A	P
			54	Hay, B	A	A	P
			55	Aravin, A	A	A	P
			56	Dougherty, D	A	A	P
			57	Fejes Toth, K	A	A	P
			58	Murray, R	A	A	P
			59	Burdick, J	A	A	P
			60	Gradinaru, V	A	A	P
			61	Guttman, M	A	A	P
			62	Scherer, A	A	A	P
			63	Hong, E	A	A	P
			64	Phillips, R	A	A	P
			65	Doyle, J	A	A	P
			66	Van Valen, D	A	A	P
			67	Voorhees, R	A	A	P
			68	Parker, J	A	A	P
			69	Roukes, M	A	A	P
			70	Wang, K	A	A	P
			71	Shan, S	A	A	P
72	Rees, D	A	A	P			
73	Fischer, W	A	A	P			
74	Zernicka-Goetz, M	A	A	P			
75	Peter Lashgari Faghani, I	A	A	P			
76	Schulman, L	A	A	P			
77	de Kleer, K	A	A	P			
79	Chong, S	A	A	P			
BUSINESS, ECONOMICS, AND MANAGEMENT							
BEM097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P

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BUSINESS, ECONOMICS, AND MANAGEMENT							
BEM102	3-0-6	Introduction to Accounting <i>BEM102 does not count toward the 108 unit HSS requirement // maximum enrollment: 24 students</i>	01	McAniff, P	TR 10:30 - 11:55	B125 BAX	
BEM105	3-0-6	Options <i>maximum enrollment: 27 students</i>	01	Cvitanic, J	TR 14:30 - 15:55	B125 BAX	
CHEMICAL ENGINEERING							
ChE010	1-0-0	Introduction to Chemical Engineering	01	Shapiro, M	T 12:00 - 12:55	106 SPL	P
ChE063A	3-0-6	Chemical Engineering Thermodynamics <i>sophomore standing required</i>	01	Flagan, R	MWF 14:00 - 14:55	106 SPL	
ChE070	+	Special Topics in Chemical Engineering: Chem-E Car	01	Brady, J / Vicic, M	OM,W 12:00 - 12:55	102 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
			06	Grubbs, R	A	A	P
			07	Brady, J	A	A	P
			08	Agapie, T	A	A	P
			09	Greer, J	A	A	P
			33	Atwater, H	A	A	P
			34	Seinfeld, J	A	A	P
			35	Arnold, F	A	A	P
			36	Tirrell, D	A	A	P
			37	Kornfield, J	A	A	P
			38	Giapis, K	A	A	P
			39	Goddard, W	A	A	P
			40	Hoelz, A	A	A	P

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CHEMICAL ENGINEERING							
ChE090A	+	Senior Thesis	01	Giapis, K	A	A	P
			02	Arnold, F	A	A	P
			03	Flagan, R	A	A	P
			04	Mayo, S	A	A	P
			05	Lewis, N	A	A	P
			06	Atwater, H	A	A	P
			07	Brady, J	A	A	P
			08	Ismagilov, R	A	A	P
			09	Tirrell, D	A	A	P
			10	Seinfeld, J	A	A	P
			11	Kornfield, J	A	A	P
			12	Wang, Z	A	A	P
			13	Callies, J	A	A	P
			14	Doyle, J	A	A	P
			15	Greer, J	A	A	P
ChE090C	+	Senior 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	
Ch/ChE 147	3-0-6	Polymer Chemistry	01	Robb, M	TR 09:00 - 10:25	153 NYS	
ChE152	3-0-6	Heterogeneous Kinetics and Reaction Engineering	01	Giapis, K	TR 09:00 - 10:25	106 SPL	
ChE/BE 163	3-0-9	Introduction to Biomolecular Engineering	01	Pierce, N / Bois, J	TR 13:00 - 14:25	153 NYS	

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CHEMICAL ENGINEERING							
ChE/Ch 165	3-0-6	Chemical Thermodynamics	01	Wang, Z	TR 10:30 - 11:55	106 SPL	
ChE280	+	Chemical Engineering Research	01	Arnold, F	A	A	P
			02	Ismagilov, R	A	A	P
			03	Atwater, H	A	A	P
			04	Elowitz, M	A	A	P
			05	Pierce, N	A	A	P
			06	Murray, R	A	A	P
			07	Brady, J	A	A	P
			08	Stoltz, B	A	A	P
			09	Snyder, G	A	A	P
			10	Davis, M	A	A	P
			11	Fultz, B	A	A	P
			12	Bercaw, J	A	A	P
			13	Flagan, R	A	A	P
			14	Shapiro, M	A	A	P
			15	Dougherty, D	A	A	P
			16	Giapis, K	A	A	P
			17	Goddard, W	A	A	P
			18	See, K	A	A	P
			19	Hoffmann, M	A	A	P
			20	Chan, G	A	A	P
			21	Kornfield, J	A	A	P
			22	Trojan, 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
			35	Seinfeld, J	A	A	P
			36	Hadt, R	A	A	P
			37	Tirrell, D	A	A	P
			38	Wang, Z	A	A	P

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CHEMICAL ENGINEERING							
ChE280	+	Chemical Engineering Research	40	Yung, Y	A	A	P
			42	Heath, J	A	A	P
			43	Haile, S	A	A	P
			44	Greer, J	A	A	P
			45	Miller, T	A	A	P
CHEMISTRY							
Ch 001A	3-0-3	General Chemistry	01	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	REMOTE 152 BRN	P
			02	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	REMOTE B180 BBB	P
			03	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	REMOTE 100 - Rock Auditorium BRD	P
			04	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	REMOTE 200 BRD	P
			05	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	REMOTE 115 BCK	P
			06	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	REMOTE 365 SMD	P
			07	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	REMOTE 142 KCK	P
			08	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	REMOTE 130 CNRB	P
			09	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	REMOTE 102 STL	P
			10	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	REMOTE B122 GCL	P
			11	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	REMOTE B280 MRE	P
			12	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	REMOTE 151 CRL	P
			13	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	REMOTE 147 NYS	P

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CHEMISTRY							
Ch 001A	3-0-3	General Chemistry	14	Lewis, N	MT 11:00 - 11:55 R 11:00 - 11:55	REMOTE REMOTE	P
Ch 003A	1-3-2	Fundamental Techniques of Experimental Chemistry <i>Open to Ch and ChE students only / Maximum enrollment: 12 students / 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 19:00 - 21:55 OM,M 13:00 - 13:55	Patio GCL 130 CHR B157 CRL	P
Ch 003X	1-3-2	Experimental Methods in Solar Energy Conversion <i>Max enroll: 22 students per sec // Students entering 2020 and before must take Ch 3 in their first 9 terms of residence in order to be graded pass/fail. Frosh entering 2021 must take Ch 3 in their first six terms of residence in order to be graded pass/fail</i>	01 02 03 04	Mendez, J Mendez, J Mendez, J Mendez, J	T 08:00 - 10:55 T 13:00 - 15:55 W 13:00 - 15:55 R 08:00 - 10:55	B157 CRL B157 CRL B157 CRL B157 CRL	P P P P
Ch 004A	1-6-2	Synthesis and Analysis of Organic and Inorganic Compounds <i>lecture on 10/1/21 meets in 153 Noyes</i>	01	Mendez, J	OM,M 12:00 - 12:55 T 13:00 - 15:55 R 13:00 - 15:55 F 09:00 - 09:55	151 CRL 130 CHR 130 CHR Patio GCL	
Ch 005B	1-9-2	Advanced Techniques of Synthesis and Analysis <i>MW 8am-4pm open lab</i>	01	Agapie, T	F 08:00 - 11:55 OM,A	A A	
Ch 008	1-6-2	Experimental Procedures of Synthetic Chemistry for Premedical Students	01	Mendez, J	F 15:00 - 15:55 TR 09:00 - 11:55 OM,M 15:00 - 15:55	Patio GCL 130 CHR B157 CRL	
Ch 010A	1-0-0	Frontiers in Chemistry <i>Lab tour times to be determined. // open to freshmen and sophomores only</i>	01	Hoelz, A	R 12:00 - 12:55 A	147 NYS A	P
Ch 021A	3-0-6	Physical Chemistry	01	Okumura, M	MWF 13:00 - 13:55	147 NYS	

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CHEMISTRY										
Ch 041A	4-0-5	Organic Chemistry <i>maximum enrollment: 20 students per section</i>	01	Dougherty, D	MWF 09:00 - 09:55 W 15:00 - 15:55	B122 GCL 151 CRL				
			02	Dougherty, D	MWF 09:00 - 09:55 W 20:00 - 20:55	B122 GCL 151 CRL				
			03	Dougherty, D	MWF 09:00 - 09:55 R 15:00 - 15:55	B122 GCL 151 CRL				
			04	Dougherty, D	MWF 09:00 - 09:55 R 20:00 - 20:55	B122 GCL 151 CRL				
			Ch 080	+	Chemical Research	01	Dougherty, D	A	A	P
						02	Hoffmann, M	A	A	P
						03	Grubbs, R	A	A	P
						04	Hoelz, A	A	A	P
			05	Gray, H	A	A	P			
			06	Chan, G	A	A	P			
			07	Agapie, T	A	A	P			
			08	Shapiro, M	A	A	P			
			09	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			
			23	Ondrus, A	A	A	P			
			24	Lewis, N	A	A	P			
			25	Arnold, F	A	A	P			

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CHEMISTRY							
Ch 081	+	Independent Reading in Chemistry	04	Grubbs, R	A	A	P
			05	Gray, H	A	A	P
			06	Goddard, W	A	A	P
			07	Agapie, T	A	A	P
			22	Lewis, N	A	A	P
Ch 082	+	Senior Thesis Research <i>9 units per term</i>	01	Grubbs, R / Agapie, T	A	A	P
			02	Hoelz, A / Agapie, T	A	A	P
			03	Peters, J / Agapie, T	A	A	P
			04	Tirrell, D / Agapie, T	A	A	P
			05	Stoltz, B / Agapie, T	A	A	P
			06	Agapie, T / Agapie, T	A	A	P
			07	Gray, H / Agapie, T	A	A	P
			08	Asimow, P / Agapie, T	A	A	P
			09	Dougherty, D / Agapie, T	A	A	P
			10	Hsieh-Wilson, L / Agapie, T	A	A	P
			11	Wei, L / Agapie, T	A	A	P
			12	Arnold, F / Agapie, T	A	A	P
			13	Chan, G / Agapie, T	A	A	P
			14	Agapie, T / Hadt, R	A	A	P
			15	Okumura, M / Reisman, S	A	A	P
			16	Agapie, T / Clemons, W	A	A	P
Ch/ChE 091	2-0-1	Scientific Writing	01	Parker, C	M 14:00 - 15:55	101 SCH	G
Ch/Bi 110	4-0-8	Introduction to Biochemistry	01	Clemons, W	MWF 11:00 - 11:55 W 15:00 - 16:55	153 NYS 119 KRK	
Ch 112	3-0-6	Intermediate Inorganic Chemistry	01	Agapie, T	TR 10:30 - 11:55	153 NYS	
Ch 117	3-0-6	Introduction to Electrochemistry	01	See, K	MWF 11:00 - 11:55	B122 GCL	

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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 127	3-0-6	Nuclear Chemistry <i>class cancelled</i>	01	Staff	A	A	
Ge/Ch 128	3-0-6	Cosmochemistry	01	Blake, G	TR 14:30 - 15:55	Salvatori Patio SMD	
Ch/BMB 129	3-0-6	Introduction to Biophotonics	01	Wei, L	M 13:00 - 14:55	151 CRL	
Ch/ChE 147	3-0-6	Polymer Chemistry	01	Robb, M	TR 09:00 - 10:25	153 NYS	
Ch 149	2-0-4	Tutorial in Organic Chemistry <i>Prerequisite: Ch 41abc & instructor's permission // section 3 cancelled</i>	01 02 03	Fu, G Stoltz, B Staff	MWF 14:00 - 15:55 MWF 14:00 - 15:55 A	147 NYS 153 NYS A	P P 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	01	Semlow, D / Chong, S	MW 12:00 - 13:25	106 SPL	
BMB/Ch 178	3-0-6	Macromolecular Function: Kinetics, Energetics, and Mechanisms	01	Shan, S	WF 10:30 - 11:55	101 SCH	
Ch 180	+	Chemical Research	01 02 21 22 38	Agapie, T Goddard, W Gray, H Lewis, N Weitekamp, D	A A A A A	A A A A A	P P P P P

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CHEMISTRY							
BMB/Ch 202A	1-0-0	Biochemistry Seminar Course	01	Clemons, W	R 12:00 - 12:55	320 BRN	P
Ch 213A	1-0-11	Advanced Ligand Field Theory	01	Gray, H	F 13:00 - 13:55	115 BCK	
Ch 242A	3-0-6	Chemical Synthesis <i>Lecture MWF 10-11am -- Recitation T 7-9pm -- Tutorial R 7-9pm</i>	01	Stoltz, B	MWF 10:00 - 10:55 TR 19:00 - 20:55	153 NYS 153 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
			20	Grubbs, R	A	A	P
			21	Haile, S	A	A	P
			22	Hoelz, A	A	A	P
			23	Hoffmann, M	A	A	P
			24	Hsieh-Wilson, L	A	A	P
			25	Agapie, T	A	A	P

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Ch 279	+	Rotations in Chemistry	26	Jensen, G	A	A	P
			27	Kornfield, J	A	A	P
			28	Lester, H	A	A	P
			29	Lewis, N	A	A	P
			30	Mayo, S	A	A	P
			31	Miller, T	A	A	P
			32	Newman, D	A	A	P
			33	Okumura, M	A	A	P
			34	Ondrus, A	A	A	P
			35	Peters, J	A	A	P
			36	Pierce, N	A	A	P
			37	Rees, D	A	A	P
			38	Reisman, S	A	A	P
			39	Robb, M	A	A	P
			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			
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

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CHEMISTRY							
Ch 280	+	Chemical Research	07	Bercaw, J	A	A	P
			08	Blake, G	A	A	P
			09	Wang, Z	A	A	P
			10	Newman, D	A	A	P
			11	Shimojo, S	A	A	P
			12	Eiler, J	A	A	P
			13	Davis, M	A	A	P
			14	Dervan, P	A	A	P
			15	Dougherty, D	A	A	P
			16	Reisman, S	A	A	P
			17	Blanquart, G	A	A	P
			18	Miller, T	A	A	P
			19	Clemons, W	A	A	P
			20	Goddard, W	A	A	P
			21	Gray, H	A	A	P
			22	Grubbs, R	A	A	P
			23	Semlow, D	A	A	P
			24	Hsieh-Wilson, L	A	A	P
			25	Hoffmann, M	A	A	P
			26	Kornfield, J	A	A	P
			27	Hoelz, A	A	A	P
			28	Lewis, N	A	A	P
			29	Peters, J	A	A	P
			30	Parker, J	A	A	P
			31	Mayo, S	A	A	P
			32	Haile, S	A	A	P
			33	Okumura, M	A	A	P
			34	Ponce, A	A	A	P
			35	Peters, J	A	A	P
			36	Ismagilov, R	A	A	P
			37	Fu, G	A	A	P
			38	Rees, D	A	A	P
			39	Lester, H	A	A	P

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CHEMISTRY							
Ch 280	+	Chemical Research	40	Greer, J	A	A	P
			41	van de Walle, A	A	A	P
			42	Seinfeld, J	A	A	P
			43	Stoltz, B	A	A	P
			44	Tirrell, D	A	A	P
			45	Cushing, S	A	A	P
			46	Weitekamp, D	A	A	P
			47	Wennberg, P	A	A	P
			48	Cai, L	A	A	P
			49	Shan, S	A	A	P
			50	Agapie, T	A	A	P
			51	Sternberg, P	A	A	P
			52	Tirrell, D	A	A	P
			53	Fu, G	A	A	P
			54	Deshaies, R	A	A	P
			55	Campbell, J	A	A	P
			56	Jensen, G	A	A	P
			57	Pierce, N	A	A	P
			58	Shapiro, M	A	A	P
			59	Chan, G	A	A	P
			60	Ondrus, A	A	A	P
			61	See, K	A	A	P
			62	Elowitz, M	A	A	P
			63	Asimow, P	A	A	P
			64	Robb, M	A	A	P
			65	Hadt, R	A	A	P
			66	Voorhees, R	A	A	P
			67	Van Valen, D	A	A	P
			68	Yeh, N	A	A	P
			69	Minnich, A	A	A	P
			70	Faber, K	A	A	P
			71	Bernardi, M	A	A	P
			72	Pachter, L	A	A	P

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CHEMISTRY							
Ch 280	+	Chemical Research	73	Nelson, H	A	A	P
CIVIL ENGINEERING							
CE 100	+	Special Topics in Civil Engineering	01	Staff	A	A	
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Rosakis, A	TR 09:00 - 10:25	135 GTL	G
AM/CE/ME 150A	1-0-0	Graduate Engineering Seminar	01	Lapusta, N	R 11:00 - 11:55	REMOTE	P
AM/CE 151	3-0-6	Dynamics and Vibration <i>class cancelled - to be offered spring term</i>	01	Staff	A	A	G
CE 200	+	Advanced Work in Civil Engineering	01	Pellegrino, S	A	A	P
Ae/CE 221	3-0-6	Space Structures	01	Pellegrino, S	MR 16:30 - 17:55	133 GUG	
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
CS/CNS/EE 156A	3-1-5	Learning Systems	01	Abu-Mostafa, Y	OM,M 16:00 - 16:55 A	BCK AUD REMOTE	

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COMPUTATION & NEURAL SYS							
Bi/CNS/NB 162	2-4-6	Cellular and Systems Neuroscience Laboratory <i>now offered as NB/Bi/CNS 162</i>	01	Staff	A	A	
NB/Bi/CNS 162	2-4-6	Cellular and Systems Neuroscience Laboratory <i>maximum enrollment: 10 students per section</i>	01	Bremner, L	R 13:00 - 16:25	B160 CHR	
			02	Bremner, L	F 13:00 - 16:25	B160 CHR	
Bi/CNS/NB 164	3-0-6	Tools of Neurobiology <i>class now offered as NB/Bi/CNS 164</i>	01	Staff	A	A	
NB/Bi/CNS 164	3-0-6	Tools of Neurobiology	01	Meister, M	WF 13:00 - 14:25	REMOTE	
CS/CNS 171	3-6-3	Computer Graphics Laboratory	01	Barr, A	MWF 15:00 - 15:55	105 ANB	
CNS180	+	Research in Computation and Neural Systems	01	Abu-Mostafa, Y	A	A	P
			02	Anderson, D	A	A	P
			03	O'Doherty, J	A	A	P
			04	Andersen, R	A	A	P
			05	Shimojo, S	A	A	P
			06	Quartz, S	A	A	P
			07	Tsao, D	A	A	P
			08	Dickinson, M	A	A	P
			09	Anandkumar, A	A	A	P
			10	Oka, Y	A	A	P
			11	Rangel, A	A	A	P
			12	Murray, R	A	A	P
			13	Perona, P	A	A	P
			14	Camerer, C	A	A	P
			15	Elowitz, M	A	A	P
			16	Gradinaru, V	A	A	P
			17	Allman, J	A	A	P
			18	Siapas, A	A	A	P
			19	Fraser, S	A	A	P
			20	Burdick, J	A	A	P
			21	Winfree, E	A	A	P

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COMPUTATION & NEURAL SYS							
CNS180	+	Research in Computation and Neural Systems	22	Wold, B	A	A	P
			23	Low, S	A	A	P
			24	Meister, M	A	A	P
			25	Kennedy, M	A	A	P
			26	Adolphs, R	A	A	P
			28	Hoffmann, M	A	A	P
			29	Hong, E	A	A	P
			30	Prober, D	A	A	P
			31	Yue, Y	A	A	P
			32	Thomson, M	A	A	P
			33	Ames, A	A	A	P
			34	Rutishauser, U	A	A	P
			35	Wang, L	A	A	P
			36	Stuart, A	A	A	P
37	Lois, C	A	A	P			
Bi/CNS/NB 195	3-0-6	Mathematics in Biology <i>class will meet in 130 CNRB on Tuesday, November 9th</i>	01	Thomson, M	TR 10:30 - 11:55	100 CNRB	
BE/Bi/CNS/NB 197	+	Mentoring and Outreach	01	Bjorkman, P	A	A	P
Bi/CNS/NB 216	2-0-4	Behavior of Mammals <i>class renamed NB/Bi/CNS 216</i>	01	Staff	A	A	G
NB/Bi/CNS 216	2-0-4	Behavior of Mammals	01	Allman, J	F 14:00 - 15:55	240A CNRB	G
Bi/BE/CNS/NB 241	1-8-0	Spatial Genomics <i>class cancelled, to be offered third term</i>	01	Cai, L	A	A	
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

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COMPUTATION & NEURAL SYS										
CNS280	+	Research in Computation and Neural Systems	06	O'Doherty, J	A	A	P			
			07	Bruck, J	A	A	P			
			08	Tsao, D	A	A	P			
			09	Koch, C	A	A	P			
			11	Murray, R	A	A	P			
			12	Gradinaru, V	A	A	P			
			13	Perona, P	A	A	P			
			14	Scherer, A	A	A	P			
			15	Quartz, S	A	A	P			
			16	Elowitz, M	A	A	P			
			17	Shimojo, S	A	A	P			
			18	Siapas, A	A	A	P			
			19	Sternberg, P	A	A	P			
			20	Winfrey, E	A	A	P			
			21	Wold, B	A	A	P			
			22	Hoffmann, M	A	A	P			
			23	Dickinson, M	A	A	P			
			24	Allman, J	A	A	P			
			25	Oka, Y	A	A	P			
			26	Adolphs, R	A	A	P			
			27	Desbrun, M	A	A	P			
			28	Goddard, W	A	A	P			
			29	Rangel, A	A	A	P			
			30	Mobbs, D	A	A	P			
			31	Thomson, M	A	A	P			
			SS/Psy/CNS 285	1.5-0-1.5	Topics in Social, Cognitive, and Decision Sciences <i>maximum enrollment: 26 students</i>	01	Mobbs, D	M 19:00 - 20:25	Lecture Hall BAX	P
			COMPUTER SCIENCE							
			CS 001	3-4-2	Introduction to Computer Programming	01	Hovik, M / Vanier, M	MWF 14:00 - 14:55	REMOTE	P

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COMPUTER SCIENCE							
CS 001X	2-2-2	Intermediate Computer Programming <i>Enrollment by instructor permission only. Students must be placed into this course via the CS placement test.</i>	01	Vanier, M	W 16:00 - 16:55	104 ANB	P
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma/CS 106a</i>	01	Conlon, D	MWF 13:00 - 13:55 R 09:00 - 09:55	REMOTE B122 GCL	
			02	Conlon, D	MWF 13:00 - 13:55 R 10:00 - 10:55	REMOTE B122 GCL	
			03	Conlon, D	MWF 13:00 - 13:55 R 19:30 - 20:25	REMOTE 201 BRG	
			04	Conlon, D	MWF 13:00 - 13:55 R 14:00 - 14:55	REMOTE B122 GCL	
CS 009	1-0-0	Introduction to Computer Science Research	01	Low, S	R 12:00 - 12:55	REMOTE	P
CS 011	0-3-0	Computer Language Lab <i>CS 1 or instructor's permission is required. // Sec 1: C // Sec 10: cancelled // Sec 11: cancelled, offered as CS 12, sec 1 // Sec 12: Projects // Sec 13: cancelled, now offered as CS 12, sec 2 // Sec 15: Rust // See http://courses.cms.caltech.edu/cs11/ for course info</i>	01	Vanier, M	OM,M 21:00 - 21:55	BCK AUD	P
			10	Blank, A	A	A	P
			12	Vanier, M	OM,M 21:00 - 21:55	BCK AUD	P
			13	Staff	A	A	P
			15	Vanier, M	OM,M 21:00 - 21:55	BCK AUD	P
CS 012	0-3-0	Student-Taught Topics in Computing <i>Section 1: TensorFlow // Section 2: Technical Interviewing // See http://courses2.cms.caltech.edu/cs12/ for more course info</i>	01	Vanier, M / Blank, A	OM,T 21:00 - 21:55	105 ANB	P
			02	Blank, A / Ralph, C	OM,M 20:00 - 20:55	BCK AUD	P
CS 019A	1-0-1	Introduction to Computer Science in Industry <i>class cancelled</i>	01	Ralph, C	A	A	P
CS 024	3-3-3	Introduction to Computing Systems	01	Blank, A	MWF 14:00 - 14:55	BCK AUD	
			02	Blank, A	A	A	

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

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

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COMPUTER SCIENCE							
CS 090	+	Undergraduate Reading in Computer Science	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			
CS 101	3-0-6	Special Topics in Computer Science <i>Section 1: Projects in Machine Learning (9 units - letter grades only) // Section 2: Networks of Relations (9 units -letter with the option to pass-fail)</i>	01	Bouman, K	OM,M 10:00 - 10:55	105 ANB	
			02	Cook, M	TR 13:00 - 14:25	Tent ANB	
CS 102A	+	Seminar in Computer Science	01	Staff	A	A	P
CS 103A	+	Reading in Computer Science	01	Staff	A	A	P
Ma/CS 106A	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma/CS 6a</i>	01	Conlon, D	MWF 13:00 - 13:55 R 09:00 - 09:55	REMOTE B122 GCL	
			02	Conlon, D	MWF 13:00 - 13:55 R 10:00 - 10:55	REMOTE B122 GCL	
			03	Conlon, D	MWF 13:00 - 13:55 R 19:30 - 20:25	REMOTE 201 BRG	
			04	Conlon, D	MWF 13:00 - 13:55 R 14:00 - 14:55	REMOTE B122 GCL	
CS 111	0-3-0	Graduate Programming Practicum <i>For graduate students only // Sec 1: C // Sec 11: cancelled, offered as CS 12, sec 1 // Sec 12:</i>	01	Vanier, M	OM,M 21:00 - 21:55	BCK AUD	P
			11	Staff	A	A	P
			12	Vanier, M	OM,M 21:00 - 21:55	BCK AUD	P

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COMPUTER SCIENCE							
CS 111	0-3-0	Graduate Programming Practicum <i>For graduate students only // Sec 1: C // Sec 11: cancelled, offered as CS 12, sec 1 // Sec 12: Projects // Sec 13: cancelled, offered as CS 12, sec 2 // Sec 15: Rust</i>	13	Staff	A	A	P
			15	Vanier, M	OM,M 21:00 - 21:55	BCK AUD	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	Patio GCL	G
ME/CS/EE 133A	3-3-3	Robotics	01	Niemeyer, G	MWF 15:00 - 15:55	135 GTL	
EE/CS/EST 135	3-3-3	Power System Analysis	01	Low, S	TR 10:30 - 11:55	106 ANB	
CS/IDS 142	3-2-4	Distributed Computing	01	Chandy, K	MWF 13:00 - 13:55	REMOTE	
CS/IDS 150A	3-0-6	Probability and Algorithms	01	Schulman, L	MWF 10:00 - 10:55	213 ANB	
CS 152	3-0-9	Introduction to Cryptography	01	Vidick, T	TR 10:30 - 11:55	Tent ANB	
CS/IDS 153	3-0-6	Current Topics in Theoretical Computer Science <i>class cancelled, will be offered spring term</i>	01	Staff	A	A	
CS/CNS/EE 156A	3-1-5	Learning Systems	01	Abu-Mostafa, Y	OM,M 16:00 - 16:55 A	BCK AUD REMOTE	
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
			02	Desbrun, M	A	A	P
			03	Low, S	A	A	P
			04	Chandy, K	A	A	P
			05	Wierman, A	A	A	P
			06	Umans, C	A	A	P

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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
			15	Ligett, K	A	A	P
Ph/CS 219A	3-0-6	Quantum Computation	01	Preskill, J	MW 14:30 - 15:55	201 BRG	P
CS 280	+	Research in Computer Science	01	Abu-Mostafa, Y	A	A	P
			02	Anandkumar, A	A	A	P
			03	Winfree, E	A	A	P
			04	Troian, S	A	A	P
			05	Ligett, K	A	A	P
			06	Chandrasekaran, V	A	A	P
			07	Low, S	A	A	P
			08	Martin, A	A	A	P
			09	Murray, R	A	A	P
			10	Perona, P	A	A	P
			11	Schroeder, P	A	A	P
			12	Vidick, T	A	A	P
			13	Cvitanić, J	A	A	P
			14	Umans, C	A	A	P
			15	Desbrun, M	A	A	P
			16	Kitaev, A	A	A	P
			17	Wierman, A	A	A	P
			18	Doyle, J	A	A	P
			19	Schulman, L	A	A	P
29	Yue, Y	A	A	P			
CS 286A	0-0-0	Seminar in Computer Science: Advanced Topics in Quantum Computing <i>(3-0-3) units // Prerequisites: CS 151 (complexity theory) and CS 219 (quantum computation) or instructor's permission.</i>	01	Mahadev, U	F 13:00 - 15:55	213 ANB	P

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COMPUTER SCIENCE							
CS 287	+	Center for the Mathematics of Information Seminar	01	Staff	T 16:00 - 16:55	105 ANB	P
COMPUTING AND MATHEMATICAL SCIENCES							
CMS/ACM/IDS 107	3-0-9	Linear Analysis with Applications	01	Stuart, A	TR 09:00 - 10:25	REMOTE	
CMS/ACM 113	3-0-9	Mathematical Optimization <i>course has been renamed - now offered as CMS/ACM/EE 122</i>	01	Staff	A	A	
CMS/ACM 117	3-0-9	Probability Theory and Stochastic Processes	01	Tropp, J	M 14:30 - 15:55 TR 10:30 - 11:55	213 ANB 213 ANB	
CMS/ACM/EE 122	3-0-9	Mathematical Optimization <i>formerly CMS/ACM/IDS 113</i>	01	Chandrasekaran, V	MWF 10:30 - 11:55	104 ANB	
CMS290A	1-0-0	Computing and Mathematical Sciences Colloquium	01	Hou, Y	M 16:00 - 16:55	REMOTE	P
CMS300	+	Research in Computing and Mathematical Sciences	01	Wierman, A	A	A	P
			02	Vidick, T	A	A	P
			03	Beck, J	A	A	P
			04	Burdick, J	A	A	P
			05	Doyle, J	A	A	P
			06	Murray, R	A	A	P
			07	Owhadi, H	A	A	P
			08	Barr, A	A	A	P
			09	Chandrasekaran, V	A	A	P
			10	Desbrun, M	A	A	P
			11	Low, S	A	A	P
			12	Perona, P	A	A	P
			13	Schroeder, P	A	A	P
			14	Schulman, L	A	A	P
			15	Umans, C	A	A	P
			16	Winfree, E	A	A	P

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COMPUTING AND MATHEMATICAL SCIENCES										
CMS300	+	Research in Computing and Mathematical Sciences	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			
CONTROL & DYNAMICAL SYSTEMS										
CDS090A	0-0-9	Senior Thesis in Control and Dynamical Systems	01	Murray, R	A	A	G			
CDS131	3-0-6	Linear Systems Theory	01	Chung, S	MWF 14:00 - 14:55	105 ANB				
CDS190	+	Independent Work in Control and Dynamical Systems <i>offered Pass/Fail only</i>	01	Staff	A	A	P			
CDS300A	+	Research in Control and Dynamical Systems	01	Dickinson, M	A	A	P			
			02	Siapas, A	A	A	P			
			03	Doyle, J	A	A	P			
			04	Owhadi, H	A	A	P			
			07	Beck, J	A	A	P			
			08	Murray, R	A	A	P			
			10	Burdick, J	A	A	P			
			11	Elowitz, M	A	A	P			
			12	Desbrun, M	A	A	P			
			13	Ortiz, M	A	A	P			
			14	Goentoro, L	A	A	P			
			15	Adolphs, R	A	A	P			
			16	Ames, A	A	A	P			
			17	Chung, S	A	A	P			
			ECONOMICS							

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ECONOMICS							
Ec 011	3-2-4	Introduction to Economics <i>maximum enrollment: 148 students</i>	01	Plott, C	MWF 13:00 - 13:55	Lecture Hall BAX	G
FS/Ec 019	2-0-4	Freshman Seminar: Thinking Like an Economist <i>open to incoming freshmen only // maximum enrollment: 15 students</i>	01	Camerer, C	MW 13:00 - 13:55	127 BAX	P
Ec 097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Camerer, C	A	A	P
Ec 098A	+	Senior Research and Thesis <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
Ec 108	3-0-6	Foundations of Behavioral Economics <i>maximum enrollment: 15 students</i>	01	Sprenger, C	MW 10:30 - 11:55	128 BAX	
Ec 121A	3-0-6	Theory of Value <i>maximum enrollment: 40 students</i>	01	Pourbabaee, M	TR 14:30 - 15:55	Lecture Hall BAX	
Ec 122	3-0-6	Econometrics <i>maximum enrollment: 65 students</i>	01	Sherman, R	TR 13:00 - 14:25	REMOTE	
IDS/Ec/PS 126	3-0-6	Applied Data Analysis <i>maximum enrollment: 148 students</i>	01	Katz, J	MW 10:30 - 11:55	Lecture Hall BAX	G
Ec/PS 160A	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260 // Ec/PS 160A required for 160B and 160C //Maximum enrollment: 5 students in 160a and SS 260</i>	01	Plott, C	TR 10:30 - 11:55	B119 BAX	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 009A	2-2-2	Solid-State Electronics for Integrated Circuits	01	Scherer, A	TR 13:00 - 13:55	B280 MRE	

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ELECTRICAL ENGINEERING							
EE 013	0-3-0	Electronic System Prototyping	01	George, G	OM,T 16:00 - 16:55	B270 MRE	
APh/EE 023	3-0-6	Demonstration Lectures in Classical and Quantum Photonics <i>class cancelled, will be offered winter term</i>	01	Staff	A	A	
EE 044	4-0-8	Deterministic Analysis of Systems and Circuits	01	Hajimiri, S	TR 09:00 - 10:55	B270 MRE	G
EE 055	3-0-6	Mathematics of Electrical Engineering	01	Kostina, V	MW 13:00 - 14:25	B280 MRE	
EE 080A	+	Senior Thesis	01 03 04 05 06 07 08 09 10 11 12 13	Hajimiri, S Doyle, J Tai, Y Hassibi, B George, G Choo, H Emami, A Abbott, R Marandi, A Van Valen, D Scherer, A Yue, Y	A A A A A A A A A A A A	A A A A A A A A A A A A	P P P P P P P P P P P P
EE 091	1-8-0	Experimental Projects in Electronic Circuits	01	Kalantar Ohanian, R	W 16:00 - 16:55	B270 MRE	G
EE 099	+	Advanced Work in Electrical Engineering	01 02 03 04 05 06 07 08	Scherer, A Tai, Y Perona, P George, G Hajimiri, S Yang, C Burdick, J Atwater, H	A A A A A A A A	A A A A A A A A	P P P P P P P P

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ELECTRICAL ENGINEERING							
EE 099	+	Advanced Work in Electrical Engineering	09	Emami, A	A	A	P
			10	Yariv, A	A	A	P
			11	Hassibi, B	A	A	P
			12	Low, S	A	A	P
			13	Wang, L	A	A	P
			14	Gao, W	A	A	P
EE 105A	1-0-0	Electrical Engineering Seminar	01	Emami, A	A	REMOTE	P
ACM/EE 106A	3-0-9	Introductory Methods of Computational Mathematics	01	Hou, Y	MW 13:00 - 14:25	REMOTE	
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	01	Vaidyanathan, P	TR 13:00 - 14:25	REMOTE	
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	REMOTE	
ME/EE/EST 117	3-0-6	Energy Technology and Policy <i>formerly ME/EE/EST 109</i>	01	Hunt, M	MWF 09:00 - 09:55	135 GTL	
CMS/ACM/EE 122	3-0-9	Mathematical Optimization <i>formerly CMS/ACM/IDS 113</i>	01	Chandrasekaran, V	MWF 10:30 - 11:55	104 ANB	
EE/APh 123	1-3-5	Advanced Lasers and Photonics Laboratory <i>attendance at OM is mandatory for enrollment</i>	01	Marandi, A	M 13:00 - 13:55	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	Patio GCL	G
APh/EE 130	3-0-6	Electromagnetic Theory	01	Faraon, A	TR 09:00 - 10:25	B280 MRE	
ME/CS/EE 133A	3-3-3	Robotics	01	Niemeyer, G	MWF 15:00 - 15:55	135 GTL	

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ELECTRICAL ENGINEERING							
EE 291	+	Advanced Work in Electrical Engineering	20	Tai, Y	A	A	P
			21	Yariv, A	A	A	P
			22	Quartz, S	A	A	P
			23	Mirhosseini, M	A	A	P
			24	Roukes, M	A	A	P
			25	Scherer, A	A	A	P
			26	Avouac, J	A	A	P
			27	Vahala, K	A	A	P
			28	Zmuidzinas, J	A	A	P
			29	Atwater, H	A	A	P
			30	Kimble, H	A	A	P
			31	Heath, J	A	A	P
			32	Weinreb, S	A	A	P
			33	Emami, A	A	A	P
			34	George, G	A	A	P
			35	Abu-Mostafa, Y	A	A	P
			36	Painter, O	A	A	P
			37	Gharib, M	A	A	P
			38	Choo, H	A	A	P
			39	Cvitanic, J	A	A	P
			40	Faraon, A	A	A	P
			41	Pellegrino, S	A	A	P
			42	Chandrasekaran, V	A	A	P
			43	Minnich, A	A	A	P
			44	Rees, D	A	A	P
			45	Kostina, V	A	A	P
			46	Yue, Y	A	A	P
			47	Tsao, D	A	A	P
48	Marandi, A	A	A	P			
ENERGY SCIENCE AND TECHNOLOGY							
ME/EE/EST 117	3-0-6	Energy Technology and Policy <i>formerly ME/EE/EST 109</i>	01	Hunt, M	MWF 09:00 - 09:55	135 GTL	

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ENERGY SCIENCE AND TECHNOLOGY							
EE/CS/EST 135	3-3-3	Power System Analysis	01	Low, S	TR 10:30 - 11:55	106 ANB	
ENGINEERING							
E 002	1-0-0	Frontiers in Engineering and Applied Science <i>open to freshmen and sophomores</i>	01	McKeon, B / Javier, R	W 12:00 - 12:55	REMOTE	P
E 100	0-0-0	Special Topics in Engineering & Applied Science <i>only open to students who participated in the Freshman Summer Research Institute // 1 unit // meets in tent next to Bechtel Residence</i>	01	Hunt, M / Blank, A	F 12:00 - 12:55	A	P
ENGLISH							
Hum/En 020	3-0-6	Ancient Epic <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Pigman, G	TR 14:30 - 15:55	9th Floor MLKN	
Hum/En 021	3-0-6	Monsters and Marvels <i>attendance at first class is required // maximum enrollment: 16 students</i>	01	Jahner, J	TR 09:00 - 10:25	127 BAX	
Hum/En 024	3-0-6	The Scientific Imagination in English Literature <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Gilmore, D	TR 14:30 - 15:55	B133 BAX	
Hum/En 030	+	Reading Animals <i>attendance at first class is required // maximum enrollment: 13 students // class meets TR 14:30-15:55 in 125 BAX</i>	01	Hill, A	A	A	P
Hum/En 031	3-0-6	Introduction to Black Literature and Culture in the United States <i>attendance at first class is required // maximum enrollment: 15 students</i>	01	Murphy, D	TR 14:30 - 15:55	228 BAX	
En 098	+	Reading in English <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P

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ENGLISH							
En 099A	1-0-8	Senior Tutorial for English Majors <i>Instructor permission required prior to registering</i>	01	Staff	A	A	G
En 100	3-0-6	Artificial Life: Literary Automata <i>maximum enrollment: 15 students</i>	01	Holland, J	TR 10:30 - 11:55	9th Floor MLKN	
En/VC 110	3-0-6	Sinners, Saints, and Sexuality in Premodern Literature <i>maximum enrollment: 15 students</i>	01	Jahner, J	TR 13:00 - 14:25	125 BAX	
En/VC 117	3-0-6	Picturing the Universe <i>maximum enrollment: 15 students</i>	01	Sullivan, A	TR 10:30 - 11:55	Lounge DAB	
En 119	3-0-6	Displacement <i>maximum enrollment: 15 students</i>	01	Haugen, K	T 19:00 - 21:55	128 BAX	
En 183	3-0-6	Victorian Crime Fiction <i>maximum enrollment: 15 students</i>	01	Gilmore, D	TR 10:30 - 11:55	125 BAX	
En/H 193	3-0-6	Cervantes, Truth or Dare: Don Quixote in an Age of Empire <i>maximum enrollment: 15 students</i>	01	Wey-Gomez, N	TR 13:00 - 14:25	B125 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	Freshman Seminar: The Unseen Microbial World in Plain Sight <i>open to incoming freshmen only // maximum enrollment: 10 students</i>	01	Leadbetter, J	WF 14:00 - 14:55	Salvatori Patio SMD	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

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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	155 ARM	
ESE102	3-0-6	Earth's Oceans	01	Thompson, A	MWF 11:00 - 11:55	155 ARM	
ESE104	1-0-0	Current Problems in Environmental Science and Engineering	01	Thompson, A	R 12:00 - 12:55	Circle Patio ARM	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
			18	Thompson, A	A	A	P

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ENVIRONMENTAL SCIENCE & ENGINEERING							
ESE106	+	Research in Environmental Science and Engineering	19	Frankenberg, C	A	A	P
			20	Callies, J	A	A	P
ESE110A	1-0-0	Seminar in Environmental Science and Engineering	01	Callies, J	W 16:00 - 16:55	365 SMD	P
ESE/Bi 166	3-1-5	Microbial Physiology	01	Leadbetter, J	MWF 09:00 - 09:55	155 ARM	
Ge/ESE 298	+	Mentoring and Outreach	01	Newman, D	A	A	P
			02	Sessions, A	A	A	P
			03	Fischer, W	A	A	P
			04	Avouac, J / Bucholz, C	A	A	P
			05	Thompson, A	A	A	P
ESE300	+	Thesis Research	01	Sessions, A	A	A	P
			02	Ingersoll, A	A	A	P
			03	Hering, J	A	A	P
			04	Hoffmann, M	A	A	P
			05	Bordoni, S	A	A	P
			06	Adkins, J	A	A	P
			07	Callies, J	A	A	P
			08	Leadbetter, J	A	A	P
			09	Seinfeld, J	A	A	P
			10	Wennberg, P	A	A	P
			11	Yung, Y	A	A	P
			12	Schneider, T	A	A	P
			13	Eiler, J	A	A	P
			14	Orphan, V	A	A	P
			15	Okumura, M	A	A	P
			16	Ponce, A	A	A	P
			17	Thompson, A	A	A	P
			18	Flagan, R	A	A	P
			19	Frankenberg, C	A	A	P
			20	Fischer, W	A	A	P

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FRESHMAN SEMINARS							
FS/Ph 009	2-0-4	Freshman Seminar: The Science of Music <i>Maximum enrollment: 9 students</i>	01	Politzer, H	MF 13:00 - 13:55	469 LAU	P
FS/Ph 011A	2-0-4	Freshman Seminar: Beyond Physics	01	Phillips, R	A	A	P
FS/Ge 016	2-0-4	Freshman Seminar: Earthquakes	01	Stock, J	W 14:00 - 15:55	215 NMD	P
FS/ESE/Ge 018	2-0-4	Freshman Seminar: The Unseen Microbial World in Plain Sight <i>open to incoming freshmen only // maximum enrollment: 10 students</i>	01	Leadbetter, J	WF 14:00 - 14:55	Salvatori Patio SMD	P
FS/Ec 019	2-0-4	Freshman Seminar: Thinking Like an Economist <i>open to incoming freshmen only // maximum enrollment: 15 students</i>	01	Camerer, C	MW 13:00 - 13:55	127 BAX	P
GEOLOGY							
Ge 011A	3-3-3	Introduction to Earth and Planetary Sciences: Earth as a Planet <i>Field Trip Dates: TBA // taught concurrently with Ge 101</i>	01	Wernicke, B	MWF 14:00 - 14:55	155 ARM	
FS/Ge 016	2-0-4	Freshman Seminar: Earthquakes	01	Stock, J	W 14:00 - 15:55	215 NMD	P
FS/ESE/Ge 018	2-0-4	Freshman Seminar: The Unseen Microbial World in Plain Sight <i>open to incoming freshmen only // maximum enrollment: 10 students</i>	01	Leadbetter, J	WF 14:00 - 14:55	Salvatori Patio 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

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GEOLOGY							
Ge 040	+	Special Problems for Undergraduates	08	Sessions, A	A	A	P
			09	Stevenson, D	A	A	P
			10	Fischer, W	A	A	P
			11	Tsai, V	A	A	P
			12	de Kleer, K	A	A	P
			13	Eiler, J	A	A	P
			14	Asimow, P	A	A	P
Ge 041A	+	Undergraduate Research and Bachelor's Thesis	01	Orphan, V	A	A	P
			02	Saleeby, J	A	A	P
			03	Asimow, P	A	A	P
			05	Saleeby, J	A	A	P
			06	Stolper, E	A	A	P
			07	Brown, M	A	A	P
			08	Grotzinger, J	A	A	P
			09	Stock, J	A	A	P
			10	Fischer, W	A	A	P
			11	Rossmann, G	A	A	P
			12	Sessions, A	A	A	P
			13	Lamb, M	A	A	P
			14	Adkins, J	A	A	P
			15	Simons, M	A	A	P
			16	de Kleer, K	A	A	P
			17	Ingersoll, A	A	A	P
			18	Kirschvink, 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	Wernicke, B
Ay/Ge 107	1-1-7	Introduction to Astronomical Observation <i>maximum enrollment: 12 students</i>	01	Hillenbrand, L / de Kleer, K	R 14:30 - 15:55 R 19:00 - 20:55	387 LINDE 387 LINDE	
Ge 108	3-0-6	Applications of Physics to the Earth Sciences	01	Brown, M	TR 09:00 - 10:25	Salvatori Patio SMD	

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GEOLOGY							
Ge 109	+	Oral Presentation	01	Staff	A	A	P
		<i>Section 1: Geochemistry - not offered fall term //</i>	02	Sessions, A	A	A	P
		<i>Section 2 & 3: Geobiology</i>	03	Orphan, V	A	A	P
Ge 114A	3-4-2	Mineralogy	01	Rossmann, G	MTR 15:00 - 15:55 TR 16:00 - 17:55	251 ARM 251 ARM	
Ge 114B	0-2-1	Mineralogy Laboratory <i>class cancelled</i>	01	Staff	A	A	
Ge 121A	0-9-3	Advanced Field Geology	01	Lamb, M	OM,M 11:00 - 11:55	365 SMD	
Ge/Ch 127	3-0-6	Nuclear Chemistry <i>class cancelled</i>	01	Staff	A	A	
Ge/Ch 128	3-0-6	Cosmochemistry	01	Blake, G	TR 14:30 - 15:55	Salvatori Patio SMD	
Ge/Ay 133	3-0-6	The Formation and Evolution of Planetary Systems	01	Batygin, K	MWF 13:00 - 13:55	REMOTE	
Ge 136A	1-0-2	Regional Field Geology of the Southwestern United States	01	Kirschvink, J	OM,M 13:00 - 13:55	REMOTE	P
Ge 145	1-4-4	Isotope-Ratio Mass Spectrometry	01	Sessions, A	TR 10:30 - 11:55 A	215 NMD A	
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>taught concurrently with Ae/AM/CE/ME 102a</i>	01	Rosakis, A	TR 09:00 - 10:25	135 GTL	
Ge 161	3-0-6	Plate Tectonics	01	Stock, J	TR 13:00 - 14:25	254 SMD	
Ge 164	3-0-6	Mineral Physics <i>class cancelled - will be offered winter term</i>	01	Staff	A	A	
Ge 165	3-0-6	Geophysical Data Analysis and Seismic Imaging	01	Clayton, R	MWF 09:00 - 09:55	215 NMD	

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GEOLOGY							
Ge 190	+	The Nature and Evolution of the Earth <i>class cancelled, offered as Ge/ESE 298</i>	01	Staff	A	A	P
			02	Staff	A	A	P
			03	Staff	A	A	P
			04	Staff	OM,A	A	P
Ge 192	0-0-0	Special Topics in the Geological Sciences	01	Paola, C	T 13:00 - 14:55	Circle Patio ARM	P
Ge 193	+	Special Topics in Geophysics: Imaging radar and applications <i>9 units</i>	01	Zebker, H	TR 10:30 - 11:55	251 ARM	
Ge 194	3-0-6	Special Topics in the Planetary Sciences: Europa Seminar <i>class cancelled</i>	01	Staff	A	A	
Ge 195	0-0-0	Special Topics in Field Geology: The Great Chilean Traverse: Enrichment Trip Seminar <i>class cancelled - postponed to Fall 2022</i>	01	Staff	A	A	P
Ge 212	3-0-6	Thermodynamics of Geological Systems	01	Asimow, P	MWF 10:00 - 10:55	251 ARM	
Ge 297	+	Advanced Study	01	Adkins, J	A	A	P
			02	Wennberg, P	A	A	P
			03	Clayton, R	A	A	P
			04	Asimow, P	A	A	P
			05	Blake, G	A	A	P
			06	Stock, J	A	A	P
			07	Eiler, J	A	A	P
			08	Farley, K	A	A	P
			09	Jackson, J	A	A	P
			10	Bordoni, S	A	A	P
			11	Gurnis, M	A	A	P
			12	Grotzinger, J	A	A	P
			13	Howard, A	A	A	P
			14	Rossmann, G	A	A	P
			15	Schneider, T	A	A	P

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GEOLOGY							
Ge 297	+	Advanced Study	16	Kirschvink, J	A	A	P
			17	Kulkarni, S	A	A	P
			18	Ingersoll, A	A	A	P
			19	Brown, M	A	A	P
			20	Ehlmann, B	A	A	P
			21	Zhan, Z	A	A	P
			22	Leadbetter, J	A	A	P
			23	Bucholz, C	A	A	P
			24	Saleeby, J	A	A	P
			26	Simons, M	A	A	P
			27	Stevenson, D	A	A	P
			29	Stolper, E	A	A	P
			30	Lamb, M	A	A	P
			31	Fischer, W	A	A	P
			35	Orphan, V	A	A	P
			36	Yung, Y	A	A	P
			37	Avouac, J	A	A	P
			38	Lapusta, N	A	A	P
			39	Aharonson, O	A	A	P
			40	Wernicke, B	A	A	P
			41	Newman, D	A	A	P
			42	Sessions, A	A	A	P
			44	Tsai, V	A	A	P
			45	Knutson, H	A	A	P
47	Batygin, K	A	A	P			
48	Zhan, Z	A	A	P			
49	Tissot, F	A	A	P			
50	Ross, Z	A	A	P			
51	de Kleer, K	A	A	P			
52	Thompson, A	A	A	P			
Ge/ESE 298	+	Mentoring and Outreach	01	Newman, D	A	A	P
			02	Sessions, A	A	A	P
			03	Fischer, W	A	A	P

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GEOLOGY							
Ge/ESE 298	+	Mentoring and Outreach	04	Avouac, J / Bucholz, C	A	A	P
			05	Thompson, A	A	A	P
Ge 299	+	Thesis Research	01	Adkins, J	A	A	P
			02	Ehlmann, B	A	A	P
			03	Heaton, T	A	A	P
			04	Asimow, P	A	A	P
			05	Blake, G	A	A	P
			06	Brown, M	A	A	P
			07	Clayton, R	A	A	P
			08	Eiler, J	A	A	P
			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
			22	Saleeby, J	A	A	P
			23	Farley, K	A	A	P
			24	Sessions, A	A	A	P
			25	Stevenson, D	A	A	P
			26	Stock, J	A	A	P
			27	Stolper, E	A	A	P
			28	Lamb, M	A	A	P
			29	Knutson, H	A	A	P
			30	Kulkarni, S	A	A	P
			31	Bucholz, C	A	A	P
			32	Wernicke, B	A	A	P
			33	Leadbetter, J	A	A	P

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GEOLOGY							
Ge 299	+	Thesis Research	34	Yung, Y	A	A	P
			35	Batygin, K	A	A	P
			36	Kirschvink, J	A	A	P
			37	Orphan, V	A	A	P
			38	Schneider, T	A	A	P
			40	Tsai, V	A	A	P
			41	Tissot, F	A	A	P
			42	Bordoni, S	A	A	P
			43	Zhan, Z	A	A	P
			44	Ross, Z	A	A	P
			45	de Kleer, K	A	A	P
			46	Thompson, A	A	A	P
			HISTORY				
Hum/H 002	3-0-6	Freedom Dreams: African American Visions of Liberation Since Emancipation <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Wiggins, D	TR 19:00 - 20:25	TR DAB	
Hum/H 005	3-0-6	The History of the Chinese Empire <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Dykstra, M	TR 13:00 - 14:25	B119 BAX	
Hum/H 010	3-0-6	Medieval Europe: The Problem of Violence <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Brown, W	TR 14:30 - 15:55	TR DAB	
Hum/H 011	3-0-6	Love and Death: Using Demography to Study the History of Europe from 1700 <i>attendance at first class is required // maximum enrollment: 15 students</i>	01	Dennison, T	TR 13:00 - 14:25	128 BAX	
Hum/H 013	3-0-6	Brave New Worlds: Race, Human Rights and the Age of Discovery <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Wey-Gomez, N	TR 09:00 - 10:25	B133 BAX	

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HISTORY							
Hum/H/HPS 014	3-0-6	Race, Science, and Medicine in U.S. History <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	LeBlanc, H	W 19:00 - 21:55	TR DAB	
Hum/H/HPS 016	3-0-6	Visualizing the Heavens: Images and Instruments of Early Modern Astronomy <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Gaida, M	TR 09:00 - 10:25	125 BAX	
H 098	+	Reading in History <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
H 099A	1-0-8	Research Tutorial <i>Instructor permission required prior to registering</i>	01	Dykstra, M	A	A	
H 125	3-0-6	Soviet Russia <i>maximum enrollment: 15 students</i>	01	Dennison, T	TR 14:30 - 15:55	Lounge DAB	
H 133	3-0-6	Forests and Humans <i>maximum enrollment: 15 students</i>	01	Lewis, D	T 19:00 - 21:55	Lecture Hall BAX	G
H 136	3-0-6	Caltech in the Archives <i>maximum enrollment: 10 students</i>	01	Dykstra, M	TR 14:30 - 15:55	Garden DAB	
H 152	3-0-6	Where Do We Go From Here? Black America in the Post-Civil Rights Era <i>maximum enrollment: 18 students</i>	01	Wiggins, D	W 19:00 - 21:55	B125 BAX	
H/HPS 153	3-0-6	Inequality and Environment <i>maximum enrollment: 15 students // attendance at first class meeting is required</i>	01	LeBlanc, H	R 19:00 - 21:55	128 BAX	
HPS/H 157	3-0-6	What is History of Technology? <i>maximum enrollment: 15 students // lecture tentatively planned for M 7-10pm</i>	01	Geppert, A	M 19:00 - 21:55	127 BAX	G
HPS/H 176	3-0-6	The Occult Origins of Modern Science: Alchemy, Astrology, and Magic <i>maximum enrollment: 18 students</i>	01	Gaida, M	TR 13:00 - 14:25	Lounge DAB	

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HISTORY							
En/H 193	3-0-6	Cervantes, Truth or Dare: Don Quixote in an Age of Empire <i>maximum enrollment: 15 students</i>	01	Wey-Gomez, N	TR 13:00 - 14:25	B125 BAX	
HISTORY AND PHILOSOPHY OF SCIENCE							
Hum/H/HPS 014	3-0-6	Race, Science, and Medicine in U.S. History <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	LeBlanc, H	W 19:00 - 21:55	TR DAB	
Hum/H/HPS 016	3-0-6	Visualizing the Heavens: Images and Instruments of Early Modern Astronomy <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Gaida, M	TR 09:00 - 10:25	125 BAX	
HPS098	+	Reading in History and Philosophy of Science <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
HPS102A	+	Senior Research Seminar <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
HPS103	1-0-0	Public Lecture Series	01	Feingold, M	A	A	P
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 19th // maximum enrollment: 13 students</i>	01	Quartz, S	TR 13:00 - 14:25	B133 BAX	
HPS/PI 139	3-0-6	Human Nature, Welfare, and Sustainability <i>open by lottery only; see link on the REGIS home page to enter by May 19th // maximum enrollment: 15 students</i>	01	Quartz, S	TR 14:30 - 15:55	127 BAX	
H/HPS 153	3-0-6	Inequality and Environment <i>maximum enrollment: 15 students // attendance at first class meeting is required</i>	01	LeBlanc, H	R 19:00 - 21:55	128 BAX	
HPS/H 157	3-0-6	What is History of Technology? <i>maximum enrollment: 15 students // lecture</i>	01	Geppert, A	M 19:00 - 21:55	127 BAX	G

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HISTORY AND PHILOSOPHY OF SCIENCE							
HPS/H 176	3-0-6	The Occult Origins of Modern Science: Alchemy, Astrology, and Magic <i>maximum enrollment: 18 students</i>	01	Gaida, M	TR 13:00 - 14:25	Lounge DAB	
HUMANITIES							
Hum/H 002	3-0-6	Freedom Dreams: African American Visions of Liberation Since Emancipation <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Wiggins, D	TR 19:00 - 20:25	TR DAB	
Hum/H 005	3-0-6	The History of the Chinese Empire <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Dykstra, M	TR 13:00 - 14:25	B119 BAX	
Hum/H 010	3-0-6	Medieval Europe: The Problem of Violence <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Brown, W	TR 14:30 - 15:55	TR DAB	
Hum/H 011	3-0-6	Love and Death: Using Demography to Study the History of Europe from 1700 <i>attendance at first class is required // maximum enrollment: 15 students</i>	01	Dennison, T	TR 13:00 - 14:25	128 BAX	
Hum/H 013	3-0-6	Brave New Worlds: Race, Human Rights and the Age of Discovery <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Wey-Gomez, N	TR 09:00 - 10:25	B133 BAX	
Hum/H/HPS 014	3-0-6	Race, Science, and Medicine in U.S. History <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	LeBlanc, H	W 19:00 - 21:55	TR DAB	
Hum/H/HPS 016	3-0-6	Visualizing the Heavens: Images and Instruments of Early Modern Astronomy <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Gaida, M	TR 09:00 - 10:25	125 BAX	
Hum/En 020	3-0-6	Ancient Epic <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Pigman, G	TR 14:30 - 15:55	9th Floor MLKN	

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HUMANITIES							
Hum/En 021	3-0-6	Monsters and Marvels <i>attendance at first class is required // maximum enrollment: 16 students</i>	01	Jahner, J	TR 09:00 - 10:25	127 BAX	
Hum/En 024	3-0-6	The Scientific Imagination in English Literature <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Gilmore, D	TR 14:30 - 15:55	B133 BAX	
Hum/En 030	+	Reading Animals <i>attendance at first class is required // maximum enrollment: 13 students // class meets TR 14:30-15:55 in 125 BAX</i>	01	Hill, A	A	A	P
Hum/En 031	3-0-6	Introduction to Black Literature and Culture in the United States <i>attendance at first class is required // maximum enrollment: 15 students</i>	01	Murphy, D	TR 14:30 - 15:55	228 BAX	
Hum/PI 041	3-0-6	Knowledge and Reality <i>attendance at first class is required // maximum enrollment: 13 students per section</i>	01 02	Eberhardt, F Eberhardt, F	TR 09:00 - 10:25 TR 13:00 - 14:25	Garden DAB TR DAB	
Hum/PI 045	3-0-6	Ethics & AI <i>attendance at first class is required // maximum enrollment: 13 students in section 1, 16 students in section 2</i>	01 02	Pham, A Pham, A	TR 09:00 - 10:25 TR 13:00 - 14:25	TR DAB 127 BAX	
Hum/VC 048	3-0-6	Ways of Seeing <i>attendance at first class is required // maximum enrollment: 15 students</i>	01	Jacobson, B	TR 09:00 - 10:25	128 BAX	
Hum/VC 049	3-0-6	Consuming Victorian Media <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Sullivan, A	TR 14:30 - 15:55	115 DAB	P
Hum/VC 050	3-0-6	Introduction to Film <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Jurca, C	TR 14:30 - 15:55	200 BRD	
Hum/VC 052	3-0-6	The Legacy of the Mexican School in Black and Latino Artistic Imaginaries <i>Counts as a Frosh Hum // attendance at first</i>	01	Decemvirale, J	TR 14:30 - 15:55	B119 BAX	

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HUMANITIES							
Hum114	3-0-6	Spanish Language Literature and its Film Adaptations <i>maximum enrollment: 20 students (between L 114 and Hum 114)</i>	01	Arjona, G	MW 16:30 - 17:55	228 BAX	
INFORMATION AND DATA SCIENCES							
ACM/IDS 101A	4-4-4	Methods of Applied Mathematics	01	Bruno, O	TR 14:30 - 16:25	104 ANB	
ACM/IDS 104	3-1-5	Applied Linear Algebra <i>Ma 1abc prerequisite enforced</i>	01	Zuev, K	TR 10:30 - 11:55	REMOTE	
CMS/ACM/IDS 107	3-0-9	Linear Analysis with Applications	01	Stuart, A	TR 09:00 - 10:25	REMOTE	
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	REMOTE	
IDS/Ec/PS 126	3-0-6	Applied Data Analysis <i>maximum enrollment: 148 students</i>	01	Katz, J	MW 10:30 - 11:55	Lecture Hall BAX	G
CS/IDS 142	3-2-4	Distributed Computing	01	Chandy, K	MWF 13:00 - 13:55	REMOTE	
CS/IDS 150A	3-0-6	Probability and Algorithms	01	Schulman, L	MWF 10:00 - 10:55	213 ANB	
CS/IDS 153	3-0-6	Current Topics in Theoretical Computer Science <i>class cancelled, will be offered spring term</i>	01	Staff	A	A	
ACM/IDS 154	3-0-6	Inverse Problems and Data Assimilation	01	Stuart, A	TR 13:00 - 14:25	REMOTE	
IDS197	+	Undergraduate Reading in the Information and Data Sciences	01	Zuev, K	A	A	P
IDS198	+	Undergraduate Projects in Information and Data Sciences	01	Yue, Y	A	A	P
			02	Zuev, K	A	A	P
			03	Abu-Mostafa, Y	A	A	P
			04	Chandrasekaran, V	A	A	P

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INFORMATION AND DATA SCIENCES							
IDS198	+	Undergraduate Projects in Information and Data Sciences	05	Murray, R	A	A	P
			06	Zuev, K	A	A	P
IDS199	+	Undergraduate Thesis in the Information and Data Sciences	01	Perona, P	A	A	P
LANGUAGES							
L 102A	3-0-6	Elementary French <i>maximum enrollment: 15 students</i>	01	Orcel, C	TWF 12:00 - 12:55	228 BAX	G
L 103A	3-0-6	Intermediate French <i>maximum enrollment: 15 students</i>	01	Merrill, T	M 12:00 - 12:55	127 BAX	
					WF 15:00 - 15:55	127 BAX	
L 106A	4-0-5	Elementary Japanese <i>maximum enrollment: 15 students per section // class closed - please see instructor to enroll</i>	01	Fujio, M	MTWR 15:00 - 15:55	128 BAX	
			02	Fujio, M	MTWR 16:00 - 16:55	128 BAX	
L 107A	3-0-6	Intermediate Japanese <i>maximum enrollment: 15 students // Taught by Dr. Hirai</i>	01	Toner, R	MW 16:00 - 17:25	127 BAX	
L 108A	3-0-6	Advanced Japanese <i>maximum enrollment: 15 students // Taught by Dr. Hirai</i>	01	Toner, R	TR 16:00 - 17:25	125 BAX	
L/VC 109	3-0-6	Introduction to French Cinema from Its Beginning to the Present <i>maximum enrollment: 16 students</i>	01	Orcel, C	MF 16:00 - 17:25	125 BAX	G
L 110A	3-0-6	Elementary Spanish <i>maximum enrollment: 20 students per section</i>	01	Arjona, G	MW 19:00 - 20:25	228 BAX	
			02	Garcia, D	MWR 12:00 - 12:55	102 STL	
L 112A	3-0-6	Intermediate Spanish <i>maximum enrollment: 20 students</i>	01	Garcia, D	MR 19:00 - 20:25	125 BAX	
L 114	3-0-6	Spanish Language Literature and its Film Adaptations <i>maximum enrollment: 20 students (between L 114 and Hum 114)</i>	01	Arjona, G	MW 16:30 - 17:55	228 BAX	

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LANGUAGES							
L 130A	3-0-6	Elementary German <i>maximum enrollment: 15 students</i>	01	Aebi, A	MWR 13:00 - 13:55	228 BAX	
L 132A	3-0-6	Intermediate German <i>maximum enrollment: 16 students</i>	01	Aebi, A	MWR 12:00 - 12:55	125 BAX	
L 170A	3-0-6	Introduction to Chinese <i>maximum enrollment: 20 students</i>	01	Wang, X	MTW 12:00 - 12:55	B125 BAX	
L 171A	3-0-6	Elementary Chinese for Heritage Learners <i>maximum enrollment: 20 students</i>	01	Ming, F	MTW 16:00 - 16:55	117 DAB	
L 172A	3-0-6	Intermediate Chinese <i>maximum enrollment: 20 students</i>	01	Wang, X	TR 09:00 - 10:25	117 DAB	
L 173A	3-0-6	Advanced Chinese <i>maximum enrollment: 20 students</i>	01	Ming, F	MW 17:00 - 18:25	117 DAB	
MATERIALS SCIENCE							
MS 078A	+	Senior Thesis	01	Johnson, W	A	A	P
			02	Fultz, B	A	A	P
			03	Greer, J	A	A	P
			04	Falson, J	A	A	P
			05	Goddard, W	A	A	P
			06	Gharib, M	A	A	P
			07	Ravichandran, G	A	A	P
			08	Minnich, A	A	A	P
			09	Faber, K	A	A	P
			10	Daraio, C	A	A	P
MS 078C	+	Senior Thesis	01	Fultz, B	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

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MATERIALS SCIENCE							
MS 100	+	Advanced Work in Materials Science	06	Falson, J	A	A	P
APh/MS 105A	3-0-6	States of Matter	01	Minnich, A	TR 14:30 - 15:55	142 KCK	
MS 110A	1-0-0	Materials Research Lectures	01	Fultz, B	W 16:00 - 16:55	147 NYS	P
MS 115	3-0-6	Fundamentals of Materials Science	01	Faber, K	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	
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

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MATERIALS SCIENCE							
MS 200	+	Advanced Work in Materials Science	25	Falson, J	A	A	P
MS 300	+	Thesis Research	01	Atwater, H	A	A	P
			02	Rees, D	A	A	P
			03	Rosakis, A	A	A	P
			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	Snyder, G	A	A	P
			12	Bernardi, M	A	A	P
			13	Lewis, N	A	A	P
			14	Bhattacharya, K	A	A	P
			15	Minnich, A	A	A	P
			16	Faber, K	A	A	P
			17	See, K	A	A	P
			18	Faraon, A	A	A	P
			MATHEMATICS				
Ma 001A	4-0-5	Calculus of One and Several Variables and Linear Algebra <i>section 10 cancelled</i>	01	Demiroglu, Y	MTWF 10:00 - 10:55	Hameetman Aud CHL 269 LAU	P
					R 19:30 - 20:55		
			02	Katz, N	MWF 10:00 - 10:55	BCK AUD	P
					R 09:00 - 09:55		
			03	Katz, N	MWF 10:00 - 10:55	BCK AUD	P
	R 10:00 - 10:55						
04	Katz, N	MWF 10:00 - 10:55	BCK AUD	P			
		R 10:00 - 10:55					
05	Katz, N	MWF 10:00 - 10:55	BCK AUD	P			
		R 13:00 - 13:55					

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MATHEMATICS							
Ma 001A	4-0-5	Calculus of One and Several Variables and Linear Algebra <i>section 10 cancelled</i>	06	Katz, N	MWF 10:00 - 10:55 R 13:00 - 13:55	BCK AUD 103 DWN	P
			07	Katz, N	MWF 10:00 - 10:55 R 14:00 - 14:55	BCK AUD B270 MRE	P
			08	Katz, N	MWF 10:00 - 10:55 W 19:00 - 19:55	BCK AUD 269 LAU	P
			09	Katz, N	MWF 10:00 - 10:55 R 09:00 - 09:55	BCK AUD 102 STL	P
			10	Katz, N	A	A	P
			11	Katz, N	MWF 10:00 - 10:55 R 19:00 - 19:55	BCK AUD 107 DWN	P
			Ma 002	4-0-5	Differential Equations <i>taught concurrently with Ma 102 // Practical Track: Sections 1-5 // Analytical Track: Sections 6-8</i>	01	Makarov, N
02	Makarov, N	MWF 10:00 - 10:55 R 10:30 - 11:25				REMOTE 119 KRK	
03	Makarov, N	MWF 10:00 - 10:55 R 13:00 - 13:55				REMOTE 100 CNRB	
04	Makarov, N	MWF 10:00 - 10:55 R 14:30 - 15:25				REMOTE 119 KRK	
05	Makarov, N	MWF 10:00 - 10:55 R 15:00 - 15:55				REMOTE B270 MRE	
06	Angelopoulos, I	MWF 10:00 - 10:55 R 09:00 - 09:55				310 LINDE 107 DWN	
07	Angelopoulos, I	MWF 10:00 - 10:55 R 16:00 - 16:55				310 LINDE 269 LAU	
08	Angelopoulos, I	MWF 10:00 - 10:55 R 19:00 - 19:55				310 LINDE 310 LINDE	
Ma 005A	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 105a</i>	01	Mantovan, E	MWF 09:00 - 09:55	310 LINDE	
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma/CS 106a</i>	01	Conlon, D	MWF 13:00 - 13:55 R 09:00 - 09:55	REMOTE B122 GCL	
			02	Conlon, D	MWF 13:00 - 13:55	REMOTE	

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MATHEMATICS							
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma/CS 106a</i>	02	Conlon, D	R 10:00 - 10:55	B122 GCL	
			03	Conlon, D	MWF 13:00 - 13:55	REMOTE	
					R 19:30 - 20:25	201 BRG	
			04	Conlon, D	MWF 13:00 - 13:55	REMOTE	
				R 14:00 - 14:55	B122 GCL		
Ma 008	3-0-0	Problem Solving in Calculus	01	Demiroglu, Y	TR 19:30 - 20:55	Hameetman Aud CHL	P
Ma 010	2-0-1	Oral Presentation	01	Mantovan, E	T 14:00 - 15:55	387 LINDE	P
Ma 017	2-0-2	How to Solve It	01	Mantovan, E	T 19:00 - 20:55	201 BRG	P
Ma 020	1-0-0	Frontiers in Mathematics	01	Mantovan, E	T 12:00 - 12:55	Hameetman Aud CHL	P
Ma 092A	+	Senior Thesis	01	Mantovan, E	A	A	P
			02	Marcolli, M	A	A	P
			04	Zhu, X	A	A	P
			05	Katz, N	A	A	P
Ma 097	+	Research in Mathematics	01	Mantovan, E	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
Ma 102	4-0-5	Differential Equations <i>taught concurrently with Ma 2 // Section 1 - Practical Track // Section 2 - Analytical Track</i>	01	Makarov, N	MWF 10:00 - 10:55	REMOTE	
					R 10:30 - 11:25	119 KRK	
			02	Angelopoulos, I	MWF 10:00 - 10:55	310 LINDE	
				R 09:00 - 09:55	107 DWN		
Ma 105A	3-0-6	Introduction to Abstract Algebra <i>taught concurrently with Ma 5a</i>	01	Mantovan, E	MWF 09:00 - 09:55	310 LINDE	

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MATHEMATICS							
Ma/CS 106A	3-0-6	Introduction to Discrete Mathematics <i>taught concurrently with Ma/CS 6a</i>	01	Conlon, D	MWF 13:00 - 13:55 R 09:00 - 09:55	REMOTE B122 GCL	
			02	Conlon, D	MWF 13:00 - 13:55 R 10:00 - 10:55	REMOTE B122 GCL	
			03	Conlon, D	MWF 13:00 - 13:55 R 19:30 - 20:25	REMOTE 201 BRG	
			04	Conlon, D	MWF 13:00 - 13:55 R 14:00 - 14:55	REMOTE B122 GCL	
Ma 108A	3-0-6	Classical Analysis	01	Dunn, A	MWF 11:00 - 11:55	Hameetman Aud CHL	
Ma 109A	3-0-6	Introduction to Geometry and Topology	01	Marcolli, M	MWF 10:00 - 10:55	107 DWN	
Ma 110A	3-0-6	Analysis	01	Karpukhin, M	MWF 11:00 - 11:55	387 LINDE	
Ma 111A	3-0-6	Topics in Analysis <i>class cancelled</i>	01	Staff	A	A	P
Ma 116A	3-0-6	Mathematical Logic and Axiomatic Set Theory	01	Vidnyanszky, Z	TR 13:00 - 14:25	310 LINDE	
Ma 120A	3-0-6	Abstract Algebra	01	Szumowicz, A	MWF 09:00 - 09:55	387 LINDE	
Ma 121A	3-0-6	Combinatorial Analysis	01	Schuelke, B	MWF 14:00 - 14:55	387 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	Patio GCL	G
Ma 130A	3-0-6	Algebraic Geometry	01	Oswal, A	MWF 13:00 - 13:55	289 LINDE	
Ma 135A	3-0-6	Arithmetic Geometry	01	Flach, M	TR 13:00 - 14:25	255 LINDE	

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MATHEMATICS							
Ma/ACM 142A	3-0-6	Ordinary and Partial Differential Equations <i>class cancelled // to be offered winter term</i>	01	Staff	A	A	P
Ma 147A	3-0-6	Dynamical Systems	01	Wu, S	TR 10:30 - 11:55	310 LINDE	
Ma 148A	3-0-6	Topics in Mathematical Physics	01	Marcolli, M	MWF 11:00 - 11:55	289 LINDE	P
Ma 151A	3-0-6	Algebraic and Differential Topology	01	Mazel-Gee, A	MWF 10:00 - 10:55	387 LINDE	
Ma 157A	3-0-6	Riemannian Geometry	01	Smillie, P	MWF 13:00 - 13:55	255 LINDE	
Ma 160A	3-0-6	Number Theory	01	Dunn, A	MWF 14:00 - 14:55	187 LINDE	
Ma 191A	3-0-6	Selected Topics in Mathematics <i>sec 1: On the arithmetic of elliptic curves // sec 2: Introduction to incompressible fluid flow, pass-fail only // sec 3: Topics in Set Theory and its Applications (pass-fail only)</i>	01	Burungale, A	TR 10:30 - 11:55	289 LINDE	
			02	Katz, N	TR 13:00 - 14:25	289 LINDE	
			03	Kechris, A	TR 13:00 - 14:25	187 LINDE	
Ma 290	+	Reading	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

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MATHEMATICS							
Ma 290	+	Reading	15	Radziwill, M	A	A	P
			16	Rains, E	A	A	P
			17	Ramakrishnan, D	A	A	P
			18	Tamuz, O	A	A	P
			19	Zhu, X	A	A	P
			20	Kapustin, A	A	A	P
			21	Yu, T	A	A	P
Ma 390	+	Research	01	Conlon, D	A	A	P
			02	Cvitanic, J	A	A	P
			03	Flach, M	A	A	P
			04	Hutcherof, T	A	A	P
			05	Graber, T	A	A	P
			06	Gukov, S	A	A	P
			07	Katz, N	A	A	P
			08	Kechris, A	A	A	P
			09	Makarov, N	A	A	P
			10	Mantovan, E	A	A	P
			11	Marculli, M	A	A	P
			12	Isett, P	A	A	P
			13	Ni, Y	A	A	P
			14	Owhadi, H	A	A	P
			15	Radziwill, M	A	A	P
			16	Rains, E	A	A	P
			17	Ramakrishnan, D	A	A	P
			18	Tamuz, O	A	A	P
			19	Zhu, X	A	A	P
			20	Yu, T	A	A	P
			21	Kapustin, A	A	A	P
			22	Wang, L	A	A	P
MECHANICAL ENGINEERING							
EE/ME 007	2-3-1	Introduction to Mechatronics	01	George, G	MW 13:00 - 13:55	B270 MRE	P

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MECHANICAL ENGINEERING							
ME 008	2-2-2	Introduction to Robotics	01	Niemeyer, G	TR 15:00 - 15:55	115 GTL	
ME 010	1-0-0	Thinking Like an Engineer	01	Andrade, J	W 12:00 - 12:55	REMOTE	P
ME 011A	3-0-6	Thermal Science	01	Blanquart, G	MWF 14:00 - 14:55	135 GTL	
ME 012A	3-0-6	Mechanics	01	Mello, M	TR 13:00 - 14:25	135 GTL	
ME 013	0-4-0	Mechanical Prototyping <i>Maximum enrollment: 30 students between ME 13 and 113 // Student must submit a questionnaire available at https://registrar.caltech.edu/ME13-113FA2021</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	
ME 072A	3-4-2	Engineering Design Laboratory	01	Mello, M / Stovall, P	TR 15:00 - 16:25	135 GTL	G
ME 090A	0-0-9	Senior Thesis, Experimental	01	Minnich, A	A	A	G
ME 100	+	Independent Studies in Mechanical Engineering	01	Hunt, M	A	A	P
			02	Shepherd, J	A	A	P
			03	Colonus, T	A	A	P
			04	Scherer, A	A	A	P
			05	Burdick, J	A	A	P
			06	Minnich, A	A	A	P
			07	Rutledge, D	A	A	P
			09	Perona, P	A	A	P
			11	Daraio, C	A	A	P
			12	Ames, A	A	A	P
			13	McKeon, B	A	A	P
			14	Orphan, V	A	A	P

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MECHANICAL ENGINEERING							
ME 100	+	Independent Studies in Mechanical Engineering	15	Blanquart, G	A	A	P
			16	Gharib, M	A	A	P
			17	Mello, M	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin, D	MWF 10:00 - 10:55	133 GUG	G
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>taught concurrently with Ae/Ge/ME 160A</i>	01	Rosakis, A	TR 09:00 - 10:25	135 GTL	G
ME 110	+	Special Laboratory Work in Mechanical Engineering	01	Ames, A	A	A	P
ME 113	0-4-0	Mechanical Prototyping <i>Maximum enrollment: 30 students between ME 13 and 113 // Student must submit a questionnaire available at https://registrar.caltech.edu/ME13-113FA2021</i>	01	Stovall, P	OM,W 15:00 - 15:55	B224 SPL	P
ME/EE/EST 117	3-0-6	Energy Technology and Policy <i>formerly ME/EE/EST 109</i>	01	Hunt, M	MWF 09:00 - 09:55	135 GTL	
Ae/ME 118	3-0-6	Classical Thermodynamics	01	Dimotakis, P	TR 10:30 - 11:55	133 GUG	P
ME/CS/EE 133A	3-3-3	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	REMOTE	P
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids <i>taught concurrently with Ae/AM/CE/ME 102a</i>	01	Rosakis, A	TR 09:00 - 10:25	135 GTL	
ME 200	+	Advanced Work in Mechanical Engineering	01	Burdick, J	A	A	P
			02	Ames, A	A	A	P
Ae/ACM/ME 232A	3-0-6	Computational Fluid Dynamics	01	Bae, H	TR 09:00 - 10:25	133 GUG	

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MECHANICAL ENGINEERING							
ME 300	+	Research in Mechanical Engineering	01	Andrade, J	A	A	P
			02	Bellan, P	A	A	P
			03	Bhattacharya, K	A	A	P
			04	Daraio, C	A	A	P
			05	Burdick, J	A	A	P
			06	Colonius, T	A	A	P
			07	Hunt, M	A	A	P
			08	Murray, R	A	A	P
			10	Lewis, N	A	A	P
			11	Ravichandran, G	A	A	P
			12	Shepherd, J	A	A	P
			13	Fultz, B	A	A	P
			14	Greer, J	A	A	P
			15	van de Walle, A	A	A	P
			16	Adkins, J	A	A	P
			18	Lapusta, N	A	A	P
			19	Gharib, M	A	A	P
			20	Brady, J	A	A	P
			21	Schneider, T	A	A	P
			22	Troian, S	A	A	P
			23	Scherer, A	A	A	P
			24	Asimaki, D	A	A	P
			25	Avouac, J	A	A	P
			26	Atwater, H	A	A	P
			27	Blanquart, G	A	A	P
			28	McKeon, B	A	A	P
			29	Hoffmann, M	A	A	P
			30	Kochmann, D	A	A	P
			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	REMOTE	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
			13	Pickar, K	A	A	P
			14	Colonus, T	A	A	P
			15	Grubbs, R	A	A	P
16	Ismagilov, R	A	A	P			
17	Shapiro, M	A	A	P			

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MEDICAL ENGINEERING							
MedE 291	+	Research in Medical Engineering	18	Wang, L	A	A	P
			19	Gradinaru, V	A	A	P
			20	Daraio, C	A	A	P
			21	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: 25 students</i>	01	Brown, R	MW 09:00 - 10:25	Lounge DAB	
Mu 137	3-0-6	History I: Music History to 1750 <i>maximum enrollment: 20 students</i>	01	Brown, R	MW 11:00 - 12:25	Lounge DAB	
NEUROBIOLOGY							
Bi/CNS/NB 162	2-4-6	Cellular and Systems Neuroscience Laboratory <i>now offered as NB/Bi/CNS 162</i>	01	Staff	A	A	
NB/Bi/CNS 162	2-4-6	Cellular and Systems Neuroscience Laboratory <i>maximum enrollment: 10 students per section</i>	01	Bremner, L	R 13:00 - 16:25	B160 CHR	
			02	Bremner, L	F 13:00 - 16:25	B160 CHR	
Bi/CNS/NB 164	3-0-6	Tools of Neurobiology <i>class now offered as NB/Bi/CNS 164</i>	01	Staff	A	A	
NB/Bi/CNS 164	3-0-6	Tools of Neurobiology	01	Meister, M	WF 13:00 - 14:25	REMOTE	
Bi/CNS/NB 195	3-0-6	Mathematics in Biology <i>class will meet in 130 CNRB on Tuesday, November 9th</i>	01	Thomson, M	TR 10:30 - 11:55	100 CNRB	
BE/Bi/CNS/NB 197	+	Mentoring and Outreach	01	Bjorkman, P	A	A	P
Bi/CNS/NB 216	2-0-4	Behavior of Mammals <i>class renamed NB/Bi/CNS 216</i>	01	Staff	A	A	G

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NEUROBIOLOGY							
NB/Bi/CNS 216	2-0-4	Behavior of Mammals	01	Allman, J	F 14:00 - 15:55	240A CNRB	G
Bi/BE/CNS/NB 241	1-8-0	Spatial Genomics <i>class cancelled, to be offered third term</i>	01	Cai, L	A	A	
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
			20	Tsao, D	A	A	P
			21	Wagenaar, D	A	A	P
			22	Zinn, K	A	A	P
			23	Yue, Y	A	A	P
			24	Parker, J	A	A	P
PERFORMING AND VISUAL ARTS							
PVA030A	0-3-0	Guitar	01	Elgart, M	T 16:30 - 17:25	Fr Rehearsal Hall HAM	P
		<i>Sec 1: Beginning Guitar / Sec 2: Intermediate Guitar / Sec 3: Advanced Guitar</i>	02	Elgart, M	T 15:30 - 16:25	Fr Rehearsal Hall	P

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PERFORMING AND VISUAL ARTS							
PVA030A	0-3-0	Guitar <i>Sec 1: Beginning Guitar / Sec 2: Intermediate Guitar / Sec 3: Advanced Guitar</i>	02	Elgart, M		HAM	P
			03	Elgart, M	T 17:30 - 18:25	Fr Rehearsal Hall HAM	P
PVA031A	0-3-0	Chamber Music <i>Sec 1: Mixed Ensembles / Sec 2: Piano four-hands / Sec 3: Guitar Ensemble</i>	01	Jasper White, M	OM,A	Fr Rehearsal Hall HAM	P
			02	Ward, R	OM,A	Fr Rehearsal Hall HAM	P
			03	Elgart, M	OM,A	Fr Rehearsal Hall HAM	P
PVA032A	0-3-0	Symphony Orchestra	01	Price, G	T 19:30 - 22:15	Fr Rehearsal Hall HAM	P
PVA033A	0-3-0	Wind Orchestra	01	Price, G	R 19:15 - 21:25	Fr Rehearsal Hall HAM	P
PVA034A	0-3-0	Jazz Band/Jazz Improvisation	01	Catlin, B	W 19:30 - 21:00	Fr Rehearsal Hall HAM	P
					W 21:15 - 22:55	Fr Rehearsal Hall HAM	
PVA035A	0-3-0	Glee Club	01	Sulahian, N	M 19:00 - 20:25	Fr Rehearsal Hall HAM	P
					W 17:05 - 18:35	Fr Rehearsal Hall HAM	
PVA037A	0-3-0	Chamber Singers	01	Sulahian, N	M 20:40 - 22:00	Fr Rehearsal Hall HAM	P
PVA040A	2-0-1	Find Your Stories	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	Silkscreen and Silk Painting <i>maximum enrollment: 13 students</i>	01	Barry, J	M 19:00 - 21:55	Garage TCT	P
PVA062A	0-3-0	Drawing and Painting <i>maximum enrollment: 12 students per section</i>	01	Barry, J	T 19:00 - 21:55	Garage TCT	P
			02	Barry, J	W 19:00 - 21:55	Garage TCT	P

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PERFORMING AND VISUAL ARTS							
PVA063A	0-3-0	Ceramics <i>maximum enrollment: 10 students</i>	01	Plunkett, L	R 19:00 - 21:55	POLY	P
PHILOSOPHY							
Hum/PI 041	3-0-6	Knowledge and Reality <i>attendance at first class is required // maximum enrollment: 13 students per section</i>	01	Eberhardt, F	TR 09:00 - 10:25	Garden DAB	
			02	Eberhardt, F	TR 13:00 - 14:25	TR DAB	
Hum/PI 045	3-0-6	Ethics & AI <i>attendance at first class is required // maximum enrollment: 13 students in section 1, 16 students in section 2</i>	01	Pham, A	TR 09:00 - 10:25	TR DAB	
			02	Pham, A	TR 13:00 - 14:25	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	Staff	A	A	P
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 19th // maximum enrollment: 13 students</i>	01	Quartz, S	TR 13:00 - 14:25	B133 BAX	
HPS/PI 139	3-0-6	Human Nature, Welfare, and Sustainability <i>open by lottery only; see link on the REGIS home page to enter by May 19th // maximum enrollment: 15 students</i>	01	Quartz, S	TR 14:30 - 15:55	127 BAX	
PHYSICAL EDUCATION							
PE 001	3-0-0	Wellness <i>maximum enrollment: 18 students per section // open to undergraduates only</i>	01	Morgan, H	MWF 09:00 - 09:55	BAC	P
PE 002	3-0-0	Student Designed Fitness <i>may only be taken once // maximum enrollment: 18 students // open to undergraduates only</i>	01	Daly, S	TR 09:00 - 09:55	BAC	P

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PHYSICAL EDUCATION							
PE 003	3-0-0	Hiking <i>may only be taken once // maximum enrollment: 18 students // open to undergraduates only</i>	01	Jordan, J	F 09:00 - 12:55	BAC	P
PE 004	3-0-0	Introduction to Power Walking <i>maximum enrollment: 12 students // open to undergraduates only</i>	01	Gamble, M	MWF 11:00 - 11:55	BAC	P
PE 006	3-0-0	Core Training, Beginning/Intermediate <i>maximum enrollment: 12 students // open to undergraduates only</i>	01	Bonafede, J	MWF 11:00 - 11:55	BAC	P
PE 009	3-0-0	Soccer <i>class cancelled</i>	01	Staff	A	A	P
PE 010	3-0-0	Aerobic Dance <i>class cancelled</i>	01	Staff	A	A	P
PE 024	3-0-0	Yoga, Beginning <i>maximum enrollment: 18 students per section // open to undergraduates only</i>	01 02	Chiang, N Chiang, N	MW 10:30 - 11:55 TR 09:00 - 10:25	BAC BAC	P P
PE 030	3-0-0	Golf, Beginning and Intermediate <i>maximum enrollment: 12 students // open to undergraduates only</i>	01	Gould, E	TR 10:30 - 11:55	BAC	P
PE 036	3-0-0	Swimming, Beginning/Intermediate <i>beginning // maximum enrollment: 12 students // open to undergraduates only</i>	01	Becker, M	MW 13:00 - 14:25	BAC	P
PE 038	3-0-0	Water Polo <i>class cancelled</i>	01	Staff	A	A	P
PE 044	3-0-0	Karate (Shotokan), Beginning and Intermediate/Advanced <i>class cancelled</i>	01	Staff	A	A	P
PE 054	3-0-0	Racquetball, Beginning and Intermediate <i>maximum enrollment: 10 students // open to undergraduates only</i>	01	Whitehead, K	TR 13:00 - 14:25	BAC	P

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PHYSICAL EDUCATION							
PE 056	3-0-0	Squash, Beginning, Intermediate, Advanced <i>class cancelled</i>	01	Staff	A	A	P
PE 060	3-0-0	Tennis, Beginning and Intermediate <i>maximum enrollment: 8 students // open to undergraduates only</i>	01	Eslinger, O	TR 13:00 - 14:25	BAC	P
PE 070	3-0-0	Weight Training, Beginning/Intermediate <i>Section 1: beginning // Section 2: intermediate // maximum enrollment: 12 students per section // open to undergraduates only</i>	01 02	Reyes, B Gillis, D	TR 10:30 - 11:55 MW 10:00 - 11:25	BAC BAC	P P
PE 081	3-0-0	Bouldering <i>class cancelled</i>	01	Staff	A	A	P
PE 082	3-0-0	Rock Climbing, Beginning and Intermediate <i>class cancelled</i>	01	Staff	A	A	P
PE 087A	3-0-0	Intercollegiate Swimming and Diving Teams <i>Open to NCAA eligible students only</i>	01	Brabson, A	MTWRFS 16:00 - 16:55	BAC	P
PE 090A	3-0-0	Intercollegiate Water Polo Teams <i>Open to NCAA eligible students only</i>	01	Bonafede, J	MTWRFS 16:00 - 17:55	BAC	P
PE 091A	3-0-0	Intercollegiate Basketball Teams <i>Open to NCAA eligible students only</i>	01	Reyes, B / Eslinger, O	MTWRFS 16:00 - 17:55	BAC	P
PE 092	3-0-0	Intercollegiate Soccer Teams <i>Open to NCAA eligible students only</i>	01	Gould, E / Gillis, D	MTWRFS 16:00 - 17:55	BAC	P
PE 097	3-0-0	Intercollegiate Cross-Country Teams <i>Open to NCAA eligible students only</i>	01	Blake, K	MTWRFS 16:00 - 17:55	BAC	P
PE 099	3-0-0	Intercollegiate Volleyball Team <i>Open to NCAA eligible students only</i>	01	Gardner, T	MTWRFS 16:00 - 17:55	BAC	P
PHYSICS							
Ph 001A	4-0-5	Classical Mechanics and Electromagnetism	01	Cheung, C	WF 11:00 - 11:55 MR 13:00 - 13:55	BCK AUD 100 - Rock Auditorium BRD	P
			02	Cheung, C	WF 11:00 - 11:55	BCK AUD	P

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PHYSICS							
Ph 001A	4-0-5	Classical Mechanics and Electromagnetism	02	Cheung, C	MR 15:00 - 15:55	102 STL	P
			03	Cheung, C	WF 11:00 - 11:55	BCK AUD	P
					MR 13:00 - 13:55	269 LAU	
			04	Cheung, C	WF 11:00 - 11:55	BCK AUD	P
					MR 15:00 - 15:55	Patio CHL	
			05	Cheung, C	WF 11:00 - 11:55	BCK AUD	P
					MR 13:00 - 13:55	102 STL	
			06	Cheung, C	WF 11:00 - 11:55	BCK AUD	P
					MR 15:00 - 15:55	B111 DWN	
			07	Cheung, C	WF 11:00 - 11:55	BCK AUD	P
		MR 13:00 - 13:55	B180 BBB				
		WF 11:00 - 11:55	BCK AUD	P			
		MR 15:00 - 15:55	310 LINDE				
		WF 11:00 - 11:55	BCK AUD	P			
		MR 13:00 - 13:55	104 ANB				
		WF 11:00 - 11:55	BCK AUD	P			
		MR 15:00 - 15:55	107 DWN				
Ph 002A	4-0-5	Waves, Quantum Mechanics, and Statistical Physics	01	Porter, F	TR 11:00 - 11:55	Lecture Hall BAX	
					WF 11:00 - 11:55	102 STL	
			02	Porter, F	TR 11:00 - 11:55	Lecture Hall BAX	
					WF 13:00 - 13:55	102 STL	
		TR 11:00 - 11:55	Lecture Hall BAX				
		WF 15:00 - 15:55	102 STL				
		WF 11:00 - 11:55	107 DWN				
		TR 11:00 - 11:55	Lecture Hall BAX				
Ph 003	0-3-3	Introductory Physics Laboratory <i>Maximum enrollment: 24 students per section</i>	01	Black, E / Libbrecht, K	W 13:00 - 15:55	308 BRG	
			02	Black, E / Libbrecht, K	R 13:00 - 15:55	308 BRG	
			03	Black, E / Libbrecht, K	F 13:00 - 15:55	308 BRG	
Ph 005	0-5-4	Analog Electronics for Physicists	01	Rice, F / Libbrecht, K	OM,T 16:00 - 16:55	201 BRG	
FS/Ph 009	2-0-4	Freshman Seminar: The Science of Music <i>Maximum enrollment: 9 students</i>	01	Politzer, H	MF 13:00 - 13:55	469 LAU	P

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PHYSICS							
Ph 010	2-0-1	Frontiers in Physics <i>maximum enrollment: 33 students // open to freshmen and sophomores</i>	01	Spiropulu, M	W 12:30 - 13:55	269 LAU	P
FS/Ph 011A	2-0-4	Freshman 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	Chen, X	TR 10:30 - 11:55	201 BRG	
Ph 020	0-6-0	Computational Physics Laboratory I	01	Mach, C / Weinstein, A	OM,M 15:00 - 15:55	304 BRG	P
Ph 021	0-6-0	Computational Physics Laboratory II	01	Mach, C / Weinstein, A	OM,M 15:00 - 15:55	304 BRG	P
Ph 022	0-6-0	Computational Physics Laboratory III	01	Mach, C / Weinstein, A	OM,M 15:00 - 15:55	304 BRG	P
Ph 070	2-0-4	Oral and Written Communication	01	Hitlin, D	T 14:00 - 15:55	469 LAU	G
Ph 077A	0-5-4	Advanced Physics Laboratory	01	Black, E / Libbrecht, K	OM,M 15:00 - 15:55	210 BRG	
Ph 077B	0-5-4	Advanced Physics Laboratory	01	Black, E / Libbrecht, K	OM,M 15:00 - 15:55	210 BRG	
Ph 078A	9-0-0	Senior Thesis (Experiment)	01	Libbrecht, K	A	A	P
Ph 079A	9-0-0	Senior Thesis (Theory)	01	Libbrecht, K	A	A	P
Ph 105	3-0-6	Analog Electronics for Physicists	01	Rice, F / Libbrecht, K	OM,T 16:00 - 16:55	201 BRG	
Ph 106A	4-0-5	Topics in Classical Physics <i>Recitation time and location will be determined during the first week of classes.</i>	01	Fuller, J	MWF 11:00 - 11:55	201 BRG	

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PHYSICS							
Ph 121A	0-6-0	Computational Physics Lab	01	Simmons-Duffin, D	TR 10:30 - 11:25	187 LINDE	P
Ph 125A	4-0-5	Quantum Mechanics <i>Recitation time and location will be determined during the first week of classes.</i>	01	Wise, M	MWF 10:00 - 10:55	201 BRG	
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	201 BRG	
Ph 135	3-0-6	Introduction to Condensed Matter	01	Refael, G	TR 13:00 - 14:25	201 BRG	
Ph/APh 137A	3-0-6	Atoms and Photons	01	Hutzler, N	TR 10:30 - 11:55	269 LAU	
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	A	A	P
				Lins Brandao, F			
			07	Carroll, S	A	A	P
			08	Chen, X	A	A	P
			09	Chen, Y	A	A	P
			10	Cheung, C	A	A	P
			11	Eisenstein, J	A	A	P
			12	Endres, M	A	A	P
			13	Filippone, B	A	A	P
			14	Golwala, S	A	A	P

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

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PHYSICS							
Ph 171	+	Reading and Independent Study	48	Spiropulu, M	A	A	P
			49	Stone, E	A	A	P
			50	Teukolsky, S	A	A	P
			51	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
			60	Chan, G	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			
			07	Carroll, S	A	A	P
			08	Chen, X	A	A	P
			09	Chen, Y	A	A	P
			10	Cheung, C	A	A	P
			11	Eisenstein, J	A	A	P
			12	Endres, M	A	A	P
			13	Filippone, B	A	A	P
			14	Golwala, S	A	A	P
			15	Gukov, S	A	A	P
			16	Harrison, F	A	A	P
			17	Hitlin, D	A	A	P
			18	Hopkins, P	A	A	P
			19	Hsieh, D	A	A	P
			20	Hunt, M	A	A	P
			21	Hutzler, N	A	A	P
22	Kapustin, A	A	A	P			

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PHYSICS							
Ph 172	+	Research in Physics	23	Kimble, H	A	A	P
			24	Kitaev, A	A	A	P
			25	Knutson, H	A	A	P
			26	Libbrecht, K	A	A	P
			27	Martin, C	A	A	P
			28	Mawet, D	A	A	P
			29	Motrunich, O	A	A	P
			30	Nad Perge, S	A	A	P
			31	Newman, H	A	A	P
			32	Oguri, H	A	A	P
			33	Painter, O	A	A	P
			34	Patterson, R	A	A	P
			35	Phillips, R	A	A	P
			36	Phinney, E	A	A	P
			37	Politzer, H	A	A	P
			38	Porter, F	A	A	P
			39	Preskill, J	A	A	P
			40	Prince, T	A	A	P
			41	Refael, G	A	A	P
			42	Rosenbaum, T	A	A	P
			43	Roukes, M	A	A	P
			44	Scherer, A	A	A	P
			45	Schwab, K	A	A	P
			46	Schwarz, J	A	A	P
			47	Simmons-Duffin, D	A	A	P
			48	Spiropulu, M	A	A	P
			49	Stone, E	A	A	P
			50	Teukolsky, S	A	A	P
			51	Troian, S	A	A	P
			52	Weinstein, A	A	A	P
			53	Wise, M	A	A	P
			54	Yeh, N	A	A	P
			55	Yue, Y	A	A	P

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PHYSICS							
Ph 172	+	Research in Physics	56	Zmuidzinas, J	A	A	P
			57	Kirby, E	A	A	P
			58	Faraon, A	A	A	P
			59	Kasliwal, M	A	A	P
			60	Ravi, V	A	A	P
			61	Chan, G	A	A	P
			62	Zurek, K	A	A	P
			63	Chatziaoannou, K	A	A	P
			64	Cisse, I	A	A	P
			65	Dore, O	A	A	P
Ph 205A	3-0-6	Relativistic Quantum Field Theory	01	Kapustin, A	MW 10:30 - 11:55	269 LAU	
Ph/CS 219A	3-0-6	Quantum Computation	01	Preskill, J	MW 14:30 - 15:55	201 BRG	P
Ph 229A	3-0-6	Advanced Mathematical Methods of Physics	01	Oguri, H	TR 10:30 - 11:55	469 LAU	
Ph 230A	3-0-6	Elementary Particle Theory	01	Zurek, K	MW 09:00 - 10:25	469 LAU	
Ph 232	3-0-6	Introduction to Topological Field Theory	01	Gukov, S	MW 13:00 - 14:25	107 DWN	
Ph 236A	3-0-6	Relativity	01	Chatziaoannou, K	TR 14:30 - 15:55	269 LAU	
Ph 242A	2-0-2	Physics Seminar	01	Patterson, R	F 11:00 - 12:15	269 LAU	P
Ph 300	+	Thesis Research	01	Adhikari, R	A	A	P
			02	Alicea, J	A	A	P
			03	Atwater, H	A	A	P
			04	Bernardi, M	A	A	P
			05	Bock, J	A	A	P
			06	Guadalupe Dos Santos Lins Brandao, F	A	A	P

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PHYSICS							
Ph 300	+	Thesis Research	07	Carroll, S	A	A	P
			08	Chen, X	A	A	P
			09	Chen, Y	A	A	P
			10	Cheung, C	A	A	P
			11	Eisenstein, J	A	A	P
			12	Endres, M	A	A	P
			13	Filippone, B	A	A	P
			14	Golwala, S	A	A	P
			15	Gukov, S	A	A	P
			16	Harrison, F	A	A	P
			17	Hitlin, D	A	A	P
			18	Hopkins, P	A	A	P
			19	Hsieh, D	A	A	P
			20	Hunt, M	A	A	P
			21	Hutzler, N	A	A	P
			22	Kapustin, A	A	A	P
			23	Kimble, H	A	A	P
			24	Kitaev, A	A	A	P
			25	Knutson, H	A	A	P
			26	Libbrecht, K	A	A	P
			27	Martin, C	A	A	P
			28	Mawet, D	A	A	P
			29	Motrunich, O	A	A	P
			30	Nad Perge, S	A	A	P
			31	Newman, H	A	A	P
			32	Oguri, H	A	A	P
			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

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PHYSICS							
Ph 300	+	Thesis Research	40	Prince, T	A	A	P
			41	Refael, G	A	A	P
			42	Rosenbaum, T	A	A	P
			43	Roukes, M	A	A	P
			44	Scherer, A	A	A	P
			45	Schwab, K	A	A	P
			46	Schwarz, J	A	A	P
			47	Simmons-Duffin, D	A	A	P
			48	Spiropulu, M	A	A	P
			49	Stone, E	A	A	P
			50	Teukolsky, S	A	A	P
			51	Troian, S	A	A	P
			52	Weinstein, A	A	A	P
			53	Wise, M	A	A	P
			54	Yeh, N	A	A	P
			55	Yue, Y	A	A	P
			56	Zmuidzinas, J	A	A	P
			57	Ravi, V	A	A	P
58	Chatziioannou, K	A	A	P			
POLITICAL SCIENCE							
PS 012	3-0-6	Introduction to Political Science <i>maximum enrollment: 148 students</i>	01	Ordeshook, P	MWF 15:00 - 15:55	Lecture Hall BAX	
PS 097	+	Undergraduate Research <i>Instructor permission required prior to registering</i>	01	Staff	A	A	P
PS 099A	3-0-6	Political Science Research Seminar <i>Designated as Writing Intensive Course // Instructor permission required prior to registering</i>	01	Staff	A	A	
IDS/Ec/PS 126	3-0-6	Applied Data Analysis <i>maximum enrollment: 148 students</i>	01	Katz, J	MW 10:30 - 11:55	Lecture Hall BAX	G

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POLITICAL SCIENCE							
Ec/PS 160A	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260 // Ec/PS 160A required for 160B and 160C //Maximum enrollment: 5 students in 160a and SS 260</i>	01	Plott, C	TR 10:30 - 11:55	B119 BAX	G
PSYCHOLOGY							
Psy115	3-0-6	Social Psychology <i>maximum enrollment: 30 students</i>	01	Rusch, T	TR 09:00 - 10:25	Lecture Hall 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 // max enrollment: 16 students</i>	01	O'Doherty, J	T 14:30 - 15:55	B105 BAX	P
SS/Psy/CNS 285	1.5-0-1.5	Topics in Social, Cognitive, and Decision Sciences <i>maximum enrollment: 26 students</i>	01	Mobbs, D	M 19:00 - 20:25	Lecture Hall BAX	P
SCIENTIFIC AND ENGINEERING COMMUNICATION							
SEC010	3-0-0	Technical Seminar Presentations <i>previously was E 10 // maximum enrollment: 18 students per section // to be added to the waitlist after class fills, go to http://registrar.caltech.edu/SEC10WaitlistForm</i>	01 02 03	Javier, R Javier, R Javier, R	MWF 09:00 - 09:55 MWF 10:00 - 10:55 MWF 11:00 - 11:55	115 GTL 115 GTL 115 GTL	G G G
SEC011	1-0-2	Written Academic Communication in Engineering and Applied Science <i>Open to E&AS seniors only // Maximum enrollment: 20 students</i>	01	Meyer, V	W 13:00 - 13:55	104 WAT	G
SEC012	1-0-2	Written Professional Communication in Engineering and Applied Science <i>Open to E&AS seniors only // Maximum enrollment: 20 students</i>	01	Dabiri, M	W 10:00 - 10:55	104 WAT	G

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SCIENTIFIC AND ENGINEERING COMMUNICATION							
SEC013	1-0-2	Written Communication about Engineering and Applied Sciences to Non-Specialists <i>Open to E&AS seniors only // Maximum enrollment: 20 students</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 (variable units, Letter with the option to pass-fail) // Sec 2: postponed to WI or SP term</i>	01 02	Javier, R Staff	A A	A A	
SOCIAL SCIENCE							
SS 201A	3-0-6	Analytical Foundations of Social Science <i>Open to Social Science graduate students only. // maximum enrollment: 11 students</i>	01	Echenique, F	MWF 09:00 - 09:55	237 BAX	G
SS 202A	3-0-6	Political Theory <i>Open to Social Science graduate students only. // maximum enrollment: 11 students</i>	01	Hirsch, A	TR 10:30 - 11:55	Garden DAB	G
SS 205A	3-0-6	Foundations of Economics <i>Open to Social Science graduate students only. // maximum enrollment: 11 students</i>	01	Echenique, F	MWF 11:00 - 11:55	237 BAX	G
SS 211A	3-0-6	Advanced Economic Theory	01	Echenique, F	TR 12:00 - 13:25	Garden DAB	
SS 212A	3-0-6	Experimental Economics <i>maximum enrollment: 16 students</i>	01	Sprenger, C	MW 14:30 - 15:55	125 BAX	
SS 213A	3-0-6	Financial Economics <i>maximum enrollment: 16 students</i>	01	Cvitanic, J	TR 17:00 - 18:25	127 BAX	
SS 218	3-0-6	Neuroscience Applications to Economics and Politics <i>maximum enrollment: 11 students</i>	01	Camerer, C	TR 13:00 - 14:25	237 BAX	G
SS 222A	3-0-6	Econometrics <i>Open to graduate students only // maximum enrollment: 16 students</i>	01	Shum, M	TR 13:00 - 14:25	B105 BAX	G

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SOCIAL SCIENCE							
SS 224	3-3-3	Social Science Data <i>maximum enrollment: 16 students</i>	01	Alvarez, R	MWF 09:00 - 09:55	125 BAX	G
SS 228A	3-0-6	Applied Empirical Methods in the Social Sciences <i>maximum enrollment: 11 students</i>	01	Katz, J	M 13:00 - 15:55	325 BAX	G
SS 231A	3-0-6	American and Comparative Politics <i>Open to graduate students only; prereq SS 202abc // maximum enrollment: 11 students</i>	01	Katz, J	W 13:00 - 15:55	325 BAX	G
SS 260	3-3-3	Experimental Methods of Political Economy <i>Taught concurrently with Ec/PS 160 // Note: sec a required for secs b and c /Maximum enrollment: 5 students in 160a & 260a</i>	01	Plott, C	TR 10:30 - 11:55	B119 BAX	G
SS 281	3-0-6	Graduate Social Science Writing Seminar <i>maximum enrollment: 16 students</i>	01	Rosenthal, J	TR 10:30 - 11:55	127 BAX	P
SS 282A	1.5-0-1.5	Graduate Proseminar in Social Science <i>maximum enrollment: 15 students</i>	01	Lopez-Moctezuma Jassan, G	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>maximum enrollment: 26 students</i>	01	Mobbs, D	M 19:00 - 20:25	Lecture Hall BAX	P
SS 300	+	Research in Social Science	01	Ewens, M	A	A	P
			02	Plott, C	A	A	P
			03	Echenique, F	A	A	P
			04	Camerer, C	A	A	P
			05	Katz, J	A	A	P
			06	Cvitanic, J	A	A	P
			08	Tamuz, O	A	A	P
			09	Rangel, A	A	A	P
			10	Kiewiet, D	A	A	P
			11	Alvarez, R	A	A	P
			12	Sherman, R	A	A	P
			13	Jackson, M	A	A	P
			14	Adolphs, R	A	A	P

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SOCIAL SCIENCE							
SS 300	+	Research in Social Science	15	Goeree, J	A	A	P
			16	Rosenthal, J	A	A	P
			17	Yariv, L	A	A	P
			18	Palfrey, T	A	A	P
			19	Shum, M	A	A	P
			20	Gillen, B	A	A	P
			21	Jin, J	A	A	P
			22	Hoffman, P	A	A	P
			23	O'Doherty, J	A	A	P
			24	Lester, H	A	A	P
			25	Mobbs, D	A	A	P
			26	Agranov, M	A	A	P
			27	Hirsch, A	A	A	P
28	Eberhardt, F	A	A	P			
29	Sprenger, C	A	A	P			
STUDENT ACTIVITIES							
SA 016A	0-3-0	Cooking Basics <i>class cancelled</i>	01	Mannion, T	A	A	P
SA 080A	1-1-1	Health Advocates <i>maximum enrollment: 24 students per section</i>	01	Stapf, M	W 19:00 - 21:55	132 YHC	P
			02	Stapf, M	R 19:00 - 21:55	132 YHC	P
STUDY ABROAD							
CAM100	36-0-0	Cambridge Scholars Program	01	Staff	A	A	P
CPH100	36-0-0	Copenhagen Scholars Program	01	Staff	A	A	P
UCL100	36-0-0	University College London Scholars Program	01	Staff	A	A	P
EDN100	36-0-0	University of Edinburgh Scholars Program	01	Staff	A	A	P

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STUDY ABROAD							
EPT100	36-0-0	Ecole Polytechnique Scholars Program	01	Staff	A	A	P
MEL100	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
VISUAL CULTURE							
Hum/VC 048	3-0-6	Ways of Seeing <i>attendance at first class is required // maximum enrollment: 15 students</i>	01	Jacobson, B	TR 09:00 - 10:25	128 BAX	
Hum/VC 049	3-0-6	Consuming Victorian Media <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Sullivan, A	TR 14:30 - 15:55	115 DAB	P
Hum/VC 050	3-0-6	Introduction to Film <i>attendance at first class is required // maximum enrollment: 13 students</i>	01	Jurca, C	TR 14:30 - 15:55	200 BRD	
Hum/VC 052	3-0-6	The Legacy of the Mexican School in Black and Latino Artistic Imaginaries <i>Counts as a Frosh Hum // attendance at first class is required // maximum enrollment: 13 students</i>	01	Decemvirale, J	TR 14:30 - 15:55	B119 BAX	
L/VC 109	3-0-6	Introduction to French Cinema from Its Beginning to the Present <i>maximum enrollment: 16 students</i>	01	Orcel, C	MF 16:00 - 17:25	125 BAX	G
En/VC 110	3-0-6	Sinners, Saints, and Sexuality in Premodern Literature <i>maximum enrollment: 15 students</i>	01	Jahner, J	TR 13:00 - 14:25	125 BAX	
En/VC 117	3-0-6	Picturing the Universe <i>maximum enrollment: 15 students</i>	01	Sullivan, A	TR 10:30 - 11:55	Lounge DAB	
VC 130	3-0-6	Surveillance <i>maximum enrollment: 15 students</i>	01	Jacobson, B	TR 14:30 - 15:55	130 CNRB	

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VISUAL CULTURE							
VC 172	3-0-6	Heritage and Its Discontents: Historic Conservation and the Battlegrounds of Memory <i>maximum enrollment: 12 students</i>	01	Hori, J / Jurca, C	TR 10:30 - 11:55	TR DAB	
WRITING							
Wr 002	3-0-6	Introduction to Academic Writing <i>open to undergraduate students only</i>	01	Daley, C	TR 09:00 - 10:25	237 BAX	P
			02	Schneiderman, J	TR 09:00 - 10:25	228 BAX	P
			03	Sherazi, M	TR 09:00 - 10:25	House EINSTEIN	P
			04	Hall, S	TR 14:30 - 15:55	328 SFL	P
			05	Daley, C	TR 14:30 - 15:55	237 BAX	P
			06	Manoukian, N	TR 14:30 - 15:55	104 WAT	P
Wr 050	+	Tutorial in Writing	01	Hall, S	A	A	P