

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

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

GRADING SCHEME

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

TIMES/LOCATION/UNITS

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

DAYS OF THE WEEK

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

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AEROSPACE							
Ae 100	+	Research in Aerospace	01	Culick, F	A	A	P
			02	Daraio, C	A	A	P
			03	Ravichandran, G	A	A	P
			04	Rosakis, A	A	A	P
			05	Shepherd, J	A	A	P
			06	Chung, S	A	A	P
Ae 200	+	Advanced Research in Aerospace	01	Bellan, P	A	A	P
			02	Bhattacharya, K	A	A	P
			03	Blake, G	A	A	P
			04	Gharib, M	A	A	P
			05	Hornung, H	A	A	P
			06	Hunt, M	A	A	P
			07	Minnich, A	A	A	P
			08	Leonard, A	A	A	P
			09	Murray, R	A	A	P
			10	Ortiz, M	A	A	P
			11	Colonus, T	A	A	P
			12	Pullin, D	A	A	P
			13	Ravichandran, G	A	A	P
			14	Rosakis, A	A	A	P
			15	Johnson, J	A	A	P
			16	McKeon, B	A	A	P
			17	Austin, J	A	A	P
			18	Kulkarni, S	A	A	P
			19	Shepherd, J	A	A	P
			20	Burdick, J	A	A	P
			21	Lapusta, N	A	A	P
			22	Daraio, C	A	A	P
			23	Pellegrino, S	A	A	P
			24	Dickinson, M	A	A	P
			25	Blanquart, G	A	A	P
			26	Schneider, T	A	A	P
			27	Greer, J	A	A	P

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AEROSPACE							
Ae 200	+	Advanced Research in Aerospace	28	Kochmann, D	A	A	P
			29	Gurnis, M	A	A	P
			30	Minnich, A	A	A	P
			31	Asimaki, D	A	A	P
			32	Chung, S	A	A	P
			33	Heaton, T	A	A	P
			34	Meiron, D	A	A	P
			35	Dabiri, J	A	A	P
			36	Mawet, D	A	A	P
Ae 240	+	Special Topics in Fluid Mechanics	01	McKeon, B	A	A	P
ANTHROPOLOGY							
An 097	+	Undergraduate Research	01	Staff	A	A	P
APPLIED & COMPUTATIONAL MATH							
ACM190	+	Reading and Independent Study	01	Bruno, O	A	A	P
			02	Owhadi, H	A	A	P
ACM300	+	Research in Applied and Computational Mathematics	01	Bruno, O	A	A	P
			02	Chandrasekaran, V	A	A	P
			03	Beck, J	A	A	P
			04	Desbrun, M	A	A	P
			05	Hou, Y	A	A	P
			06	Graber, T	A	A	P
			07	Meiron, D	A	A	P
			08	Schroeder, P	A	A	P
			09	Stuart, A	A	A	P
			11	Owhadi, H	A	A	P
			15	Tropp, J	A	A	P
			16	Hassibi, B	A	A	P
APPLIED MECHANICS							

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APPLIED MECHANICS							
AM 200	+	Special Problems in Advanced Mechanics	01	Staff	A	A	P
AM 300	+	Research in Applied Mechanics	02	Bhattacharya, K	A	A	P
			03	Andrade, J	A	A	P
			04	Murray, R	A	A	P
			06	Phillips, R	A	A	P
			07	Ravichandran, G	A	A	P
			08	Lapusta, N	A	A	P
			09	Greer, J	A	A	P
			10	Fu, X	A	A	P
APPLIED PHYSICS							
APh100	+	Advanced Work in Applied Physics	01	Atwater, H	A	A	P
			02	Painter, O	A	A	P
			07	Goddard, W	A	A	P
			10	Yeh, N	A	A	P
			14	Phillips, R	A	A	P
APh200	+	Applied Physics Research	01	Atwater, H	A	A	P
			02	Desbrun, M	A	A	P
			03	Bellan, P	A	A	P
			04	Chen, Y	A	A	P
			05	Heath, J	A	A	P
			06	Spiropulu, M	A	A	P
			07	Elowitz, M	A	A	P
			08	Fultz, B	A	A	P
			09	Desbrun, M	A	A	P
			10	Hsieh, D	A	A	P
			11	Preskill, J	A	A	P
			12	Faraon, A	A	A	P
			13	Minnich, A	A	A	P
			14	Johnson, W	A	A	P
			15	Motrunich, O	A	A	P

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APPLIED PHYSICS							
APh200	+	Applied Physics Research	16	Gharib, M	A	A	P
			17	Marcus, R	A	A	P
			18	Alicea, J	A	A	P
			19	Painter, O	A	A	P
			20	Phillips, R	A	A	P
			21	Bernardi, M	A	A	P
			22	Rosenbaum, T	A	A	P
			23	Roukes, M	A	A	P
			24	Bock, J	A	A	P
			25	Scherer, A	A	A	P
			26	Hutzler, N	A	A	P
			27	Yeh, N	A	A	P
			28	Rees, D	A	A	P
			29	Vahala, K	A	A	P
			30	Yariv, A	A	A	P
			31	Adhikari, R	A	A	P
			32	Falson, J	A	A	P
			33	Winfrey, E	A	A	P
			34	Cushing, S	A	A	P
			35	Jensen, G	A	A	P
			36	Kornfield, J	A	A	P
			37	Troian, S	A	A	P
			38	Johnson, W	A	A	P
			39	Schwab, K	A	A	P
			40	Greer, J	A	A	P
			42	Lewis, N	A	A	P
			43	Refael, G	A	A	P
			44	Snyder, G	A	A	P
			45	Goddard, W	A	A	P
			46	Nad Perge, S	A	A	P
47	Endres, M	A	A	P			
48	Marandi, A	A	A	P			
49	Daraio, C	A	A	P			

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APPLIED PHYSICS										
APh300	+	Thesis Research in Applied Physics	01	Atwater, H	A	A	P			
			02	Bellan, P	A	A	P			
			03	Schwab, K	A	A	P			
			04	Chen, Y	A	A	P			
			05	Daraio, C	A	A	P			
			06	Nad Perge, S	A	A	P			
			07	Fultz, B	A	A	P			
			08	Flagan, R	A	A	P			
			09	Faraon, A	A	A	P			
			10	Snyder, G	A	A	P			
			11	Hsieh, D	A	A	P			
			12	Faraon, A	A	A	P			
			13	Refael, G	A	A	P			
			14	Phillips, R	A	A	P			
			15	Bernardi, M	A	A	P			
			16	Hutzler, N	A	A	P			
			17	Marandi, A	A	A	P			
			18	Roukes, M	A	A	P			
			19	Bhattacharya, K	A	A	P			
			20	Scherer, A	A	A	P			
			23	Vahala, K	A	A	P			
			24	Kornfield, J	A	A	P			
			25	Yariv, A	A	A	P			
			28	Troian, S	A	A	P			
			30	Jensen, G	A	A	P			
			31	Zmuidzinas, J	A	A	P			
			32	Rosenbaum, T	A	A	P			
			33	Painter, O	A	A	P			
			34	Desbrun, M	A	A	P			
			35	Minnich, A	A	A	P			
			ASTROPHYSICS							

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ASTROPHYSICS							
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
			20	Ravi, V	A	A	P
			21	Brown, M	A	A	P
			22	Batygin, K	A	A	P
			23	Golwala, S	A	A	P
Ay 143	+	Reading and Independent Study	01	Hallinan, G	A	A	P
BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB299	+	Graduate Research	01	Arnold, F	A	A	P
			02	Bjorkman, P	A	A	P
			03	Goentoro, L	A	A	P
			04	Campbell, J	A	A	P
			05	Cai, L	A	A	P
			06	Thomson, M	A	A	P

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BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB299	+	Graduate Research	07	Deshaies, R	A	A	P
			08	Dougherty, D	A	A	P
			09	Guttman, M	A	A	P
			10	Goddard, W	A	A	P
			11	Hsieh-Wilson, L	A	A	P
			12	Jensen, G	A	A	P
			13	Anderson, D	A	A	P
			14	Hoelz, A	A	A	P
			15	Mayo, S	A	A	P
			16	Parker, C	A	A	P
			17	Pierce, N	A	A	P
			18	Heath, J	A	A	P
			19	Rees, D	A	A	P
			20	Shapiro, M	A	A	P
			21	Rothenberg, E	A	A	P
			22	Lester, H	A	A	P
			23	Elowitz, M	A	A	P
			24	Tirrell, D	A	A	P
			25	Meister, M	A	A	P
			26	Ismagilov, R	A	A	P
			27	Miller, T	A	A	P
			28	Kennedy, M	A	A	P
			29	Dervan, P	A	A	P
			30	Zinn, K	A	A	P
			31	Meyerowitz, E	A	A	P
			32	Phillips, R	A	A	P
			33	Wold, B	A	A	P
			34	Hay, B	A	A	P
			35	Greer, J	A	A	P
			36	Shan, S	A	A	P
			37	Barton, J	A	A	P
			38	Leadbetter, J	A	A	P
			39	Murray, R	A	A	P

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BIOCHEMISTRY & MOLECULAR BIOPHYSICS							
BMB299	+	Graduate Research	40	Mazmanian, S	A	A	P
			41	Baltimore, D	A	A	P
			42	Wang, Z	A	A	P
			43	Sternberg, P	A	A	P
			44	Clemons, W	A	A	P
			45	Gharib, M	A	A	P
			46	Davis, M	A	A	P
			47	Roukes, M	A	A	P
			48	Newman, D	A	A	P
			49	Varshavsky, A	A	A	P
			50	Gray, H	A	A	P
			51	Roukes, M	A	A	P
			52	Meister, M	A	A	P
			53	Voorhees, R	A	A	P
			54	Pachter, L	A	A	P
			55	Parker, J	A	A	P
			56	Dunphy, W	A	A	P
			57	Semlow, D	A	A	P
58	Chan, D	A	A	P			
BIOENGINEERING							
BE 098	+	Undergraduate Research in Bioengineering	01	Kennedy, M	A	A	P
			02	Wang, K	A	A	P
BE 200	+	Research in Bioengineering	01	Arnold, F	A	A	P
			02	Troian, S	A	A	P
			03	Burdick, J	A	A	P
			04	Rothmund, P	A	A	P
			05	Dervan, P	A	A	P
			06	Thomson, M	A	A	P
			07	Gharib, M	A	A	P
			08	Hajimiri, S	A	A	P
			09	Ismagilov, R	A	A	P
			10	Lester, H	A	A	P

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BIOENGINEERING							
BE 200	+	Research in Bioengineering	11	Phillips, R	A	A	P
			12	Pierce, N	A	A	P
			13	Meister, M	A	A	P
			14	Goddard, W	A	A	P
			15	Gradinaru, V	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	Andersen, R	A	A	P
			22	Mayo, S	A	A	P
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			25	Heath, J	A	A	P
			26	Leadbetter, J	A	A	P
			27	Winfrey, E	A	A	P
			28	Cai, L	A	A	P
			29	Goentoro, L	A	A	P
			30	Sternberg, P	A	A	P
			31	Kornfield, J	A	A	P
			32	Shapiro, M	A	A	P
			33	Baltimore, D	A	A	P
			34	Guttman, M	A	A	P
			35	Qian, L	A	A	P
			36	Hong, E	A	A	P
			37	Bjorkman, P	A	A	P
			38	Dickinson, M	A	A	P
			39	Parker, J	A	A	P
			40	Greer, J	A	A	P
			41	Pachter, L	A	A	P
			42	Mazmanian, S	A	A	P
			43	Wang, K	A	A	P

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BIOENGINEERING							
BE 200	+	Research in Bioengineering	44	Meyerowitz, E	A	A	P
			45	Clemons, W	A	A	P
			46	Lois, C	A	A	P
			47	Newman, D	A	A	P
			48	Rutishauser, U	A	A	P
			49	Chan, D	A	A	P
			50	Anderson, D	A	A	P
			51	Fischer, W	A	A	P
BE/Bi/NB 203	6-0-0	Introduction to Programming for the Biological Sciences Bootcamp <i>Class meets June 14 - 25, 2021, MTWRF, 1-5:30pm</i>	01	Bois, J	A	A	P
BE 262	2-10-0	Physical Biology Boot Camp <i>Enrollment limited to incoming BMB, BE, Bi, CNS and NB grad students or instructor's permission. // to be held September 6 - 14, 2021</i>	01	Phillips, R	A	A	P
BIOLOGY							
Bi 022	+	Undergraduate Research	01	Sternberg, P	A	A	P
			02	Hay, B	A	A	P
			03	Pachter, L	A	A	P
BE/Bi/NB 203	6-0-0	Introduction to Programming for the Biological Sciences Bootcamp <i>Class meets June 14 - 25, 2021, MTWRF, 1-5:30pm</i>	01	Bois, J	A	A	P
Bi 299	+	Graduate Research	01	Burdick, J	A	A	P
			02	Siapas, A	A	A	P
			03	Allman, J	A	A	P
			04	Anderson, D	A	A	P
			05	Murray, R	A	A	P
			06	Thomson, M	A	A	P
			07	Baltimore, D	A	A	P
			08	Bjorkman, P	A	A	P

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Bi 299	+	Graduate Research	09	Bronner Hansen, M	A	A	P
			10	Campbell, J	A	A	P
			11	Chan, D	A	A	P
			12	Heath, J	A	A	P
			13	Deshaies, R	A	A	P
			14	Newman, D	A	A	P
			15	Dunphy, W	A	A	P
			16	Wang, K	A	A	P
			17	Hay, B	A	A	P
			18	Kennedy, M	A	A	P
			19	Fischer, W	A	A	P
			20	Shapiro, M	A	A	P
			21	Lester, H	A	A	P
			22	Elowitz, M	A	A	P
			23	Mayo, S	A	A	P
			24	Meyerowitz, E	A	A	P
			25	Siapas, A	A	A	P
			26	Murray, R	A	A	P
			27	Lois, C	A	A	P
			28	Gradinaru, V	A	A	P
			29	Scherer, A	A	A	P
			30	Stathopoulos, A	A	A	P
			31	Goentoro, L	A	A	P
			32	Rothenberg, E	A	A	P
			33	Guttman, M	A	A	P
			34	Shimojo, S	A	A	P
			35	Prober, D	A	A	P
			36	Sternberg, P	A	A	P
			37	Dickinson, M	A	A	P
			38	Meister, M	A	A	P
			39	Wold, B	A	A	P
			40	Zinn, K	A	A	P
			41	Ismagilov, R	A	A	P

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BIOLOGY							
Bi 299	+	Graduate Research	42	Andersen, R	A	A	P
			43	Varshavsky, A	A	A	P
			44	Hong, E	A	A	P
			45	Leadbetter, J	A	A	P
			46	Winfrey, E	A	A	P
			47	Orphan, V	A	A	P
			48	Kirschvink, J	A	A	P
			49	Jensen, G	A	A	P
			50	Goddard, W	A	A	P
			51	Adolphs, R	A	A	P
			52	Oka, Y	A	A	P
			53	Pierce, N	A	A	P
			54	Mazmanian, S	A	A	P
			55	Clemons, W	A	A	P
			56	Shan, S	A	A	P
			57	Tsao, D	A	A	P
			58	Guo, C	A	A	P
			59	Gharib, M	A	A	P
			60	Aravin, A	A	A	P
			61	Dougherty, D	A	A	P
			62	Cai, L	A	A	P
			63	Qian, L	A	A	P
			64	Fejes Toth, K	A	A	P
			65	Tai, Y	A	A	P
			66	Hsieh-Wilson, L	A	A	P
			67	Doyle, J	A	A	P
			68	Phillips, R	A	A	P
			69	Pachter, L	A	A	P
			70	Voorhees, R	A	A	P
			71	Parker, J	A	A	P
			72	Van Valen, D	A	A	P
			73	Roukes, M	A	A	P
			74	de Kleer, K	A	A	P

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BIOLOGY							
Bi 299	+	Graduate Research	75	Zernicka-Goetz, M	A	A	P
BUSINESS, ECONOMICS, AND MANAGEMENT							
BEM097	+	Undergraduate Research	01	Staff	A	A	P
CHEMICAL ENGINEERING							
ChE090A	+	Senior Thesis	01	Tirrell, D	A	A	P
ChE090B	0-4-5	Senior Thesis	01	Tirrell, D	A	A	
ChE280	+	Chemical Engineering Research	01	Murray, R	A	A	P
			02	Arnold, F	A	A	P
			03	Ismagilov, R	A	A	P
			04	Atwater, H	A	A	P
			05	Barton, J	A	A	P
			06	Snyder, G	A	A	P
			07	Shapiro, M	A	A	P
			08	See, K	A	A	P
			09	Brady, J	A	A	P
			10	Hoffmann, M	A	A	P
			11	Robb, M	A	A	P
			12	Wei, L	A	A	P
			13	Davis, M	A	A	P
			14	Chan, G	A	A	P
			15	Dougherty, D	A	A	P
			16	Flagan, R	A	A	P
			17	Elowitz, M	A	A	P
			18	Pachter, L	A	A	P
			19	Giapis, K	A	A	P
			20	Goddard, W	A	A	P

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CHEMICAL ENGINEERING							
ChE280	+	Chemical Engineering Research	21	Wang, K	A	A	P
			22	Hadt, R	A	A	P
			23	Heath, J	A	A	P
			26	Kornfield, J	A	A	P
			28	Lewis, N	A	A	P
			33	Okumura, M	A	A	P
			34	Parker, C	A	A	P
			36	Pierce, N	A	A	P
			42	Seinfeld, J	A	A	P
			43	Stoltz, B	A	A	P
			44	Tirrell, D	A	A	P
			45	Wang, Z	A	A	P
			49	Yung, Y	A	A	P
			51	Haile, S	A	A	P
			53	Greer, J	A	A	P
			54	Fultz, B	A	A	P
			55	Fultz, B	A	A	P
56	Troian, S	A	A	P			
57	Miller, T	A	A	P			
CHEMISTRY							
Ch 080	+	Chemical Research	01	Lewis, N	A	A	P
			02	Reisman, S	A	A	P
			03	Peters, J	A	A	P
Ch 081	+	Independent Reading In Chemistry	01	Gray, H	A	A	P
Ch 180	+	Chemical Research	01	Gray, H	A	A	P
			02	Agapie, T	A	A	P
			03	Goddard, W	A	A	P
Ch 279	+	Rotations in Chemistry	01	Stoltz, B	A	A	P
			02	Agapie, T	A	A	P
			03	Hsieh-Wilson, L	A	A	P

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CHEMISTRY							
Ch 279	+	Rotations in Chemistry	04	Shapiro, M	A	A	P
Ch 280	+	Chemical Research	01	Adkins, J	A	A	P
			02	Arnold, F	A	A	P
			03	Goentoro, L	A	A	P
			04	Atwater, H	A	A	P
			05	Barton, J	A	A	P
			06	Wei, L	A	A	P
			07	Bercaw, J	A	A	P
			08	Blake, G	A	A	P
			09	Ismagilov, R	A	A	P
			10	Sternberg, P	A	A	P
			11	Agapie, T	A	A	P
			12	Fu, G	A	A	P
			13	Davis, M	A	A	P
			14	Dervan, P	A	A	P
			15	Dougherty, D	A	A	P
			16	Flagan, R	A	A	P
			17	Chan, G	A	A	P
			18	Yeh, N	A	A	P
			19	Hoelz, A	A	A	P
			20	Goddard, W	A	A	P
			21	Gray, H	A	A	P
			22	Grubbs, R	A	A	P
			23	Heath, J	A	A	P
			24	Hsieh-Wilson, L	A	A	P
			25	Hoffmann, M	A	A	P
			26	Kornfield, J	A	A	P
			27	Cai, L	A	A	P
			28	Lewis, N	A	A	P
			29	Wang, Z	A	A	P
			30	See, K	A	A	P
			31	Mayo, S	A	A	P

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CHEMISTRY							
Ch 280	+	Chemical Research	32	Giapis, K	A	A	P
			33	Okumura, M	A	A	P
			34	Greer, J	A	A	P
			35	Peters, J	A	A	P
			36	Pierce, N	A	A	P
			37	Blanquart, G	A	A	P
			38	Rees, D	A	A	P
			39	Lester, H	A	A	P
			40	Haile, S	A	A	P
			41	Deshaies, R	A	A	P
			42	Seinfeld, J	A	A	P
			43	Stoltz, B	A	A	P
			44	Tirrell, D	A	A	P
			45	Wang, Z	A	A	P
			46	Weitekamp, D	A	A	P
			47	Wennberg, P	A	A	P
			48	Robb, M	A	A	P
			49	Clemons, W	A	A	P
			50	Campbell, J	A	A	P
			51	Bjorkman, P	A	A	P
			52	Wei, L	A	A	P
			53	Shan, S	A	A	P
			54	Reisman, S	A	A	P
			55	Miller, T	A	A	P
			56	Hoelz, A	A	A	P
			57	Jensen, G	A	A	P
			58	Shapiro, M	A	A	P
			59	Newman, D	A	A	P
			60	Ondrus, A	A	A	P
			61	See, K	A	A	P
			62	Asimow, P	A	A	P
			63	Wei, L	A	A	P
			64	Parker, J	A	A	P

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CHEMISTRY							
Ch 280	+	Chemical Research	65	Cushing, S	A	A	P
			66	Voorhees, R	A	A	P
			67	Hadt, R	A	A	P
			68	Eiler, J	A	A	P
			69	Van Valen, D	A	A	P
			70	Minnich, A	A	A	P
			71	Faber, K	A	A	P
			72	Semlow, D	A	A	P
			73	Bernardi, M	A	A	P
			74	Pachter, L	A	A	P
			75	Nelson, H	A	A	P
CIVIL ENGINEERING							
CE 200	+	Advanced Work in Civil Engineering	01	Staff	A	A	P
CE 300	+	Research in Civil Engineering	01	Andrade, J	A	A	P
			02	Daraio, C	A	A	P
			03	Fu, X	A	A	P
			06	Ravichandran, G	A	A	P
			08	Phillips, T	A	A	P
			09	Lapusta, N	A	A	P
			10	Asimaki, D	A	A	P
			11	Pellegrino, S	A	A	P
COMPUTATION & NEURAL SYS							
CNS180	+	Research in Computation and Neural Systems	01	Anderson, D	A	A	P
			03	Murray, R	A	A	P
			04	Gradinaru, V	A	A	P
			05	Burdick, J	A	A	P
			06	Andersen, R	A	A	P
			07	Allman, J	A	A	P
			08	Quartz, S	A	A	P
			09	Siapas, A	A	A	P

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COMPUTATION & NEURAL SYS							
CNS180	+	Research in Computation and Neural Systems	10	Rutishauser, U	A	A	P
			11	Lester, H	A	A	P
			12	Winfrey, E	A	A	P
			13	Meister, M	A	A	P
			14	Hong, E	A	A	P
			15	Kennedy, M	A	A	P
			16	Anandkumar, A	A	A	P
			17	Perona, P	A	A	P
			22	Shimojo, S	A	A	P
			23	Wold, B	A	A	P
			26	Adolphs, R	A	A	P
			27	O'Doherty, J	A	A	P
			28	Dickinson, M	A	A	P
			29	Allman, J	A	A	P
			30	Camerer, C	A	A	P
			33	Tsao, D	A	A	P
			36	Elowitz, M	A	A	P
			37	Rangel, A	A	A	P
			38	Prober, D	A	A	P
			39	Low, S	A	A	P
40	Yue, Y	A	A	P			
41	Thomson, M	A	A	P			
42	Ames, A	A	A	P			
CNS280	+	Research in Computation and Neural Systems	01	Abu-Mostafa, Y	A	A	P
			02	Rangel, A	A	A	P
			03	Murray, R	A	A	P
			04	Dickinson, M	A	A	P
			05	Quartz, S	A	A	P
			06	Lester, H	A	A	P
			07	Elowitz, M	A	A	P
			08	Allman, J	A	A	P
			09	Oka, Y	A	A	P
			10	Camerer, C	A	A	P

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COMPUTATION & NEURAL SYS							
CNS280	+	Research in Computation and Neural Systems	12	Winfree, E	A	A	P
			13	Gradinaru, V	A	A	P
			14	Sternberg, P	A	A	P
			15	Perona, P	A	A	P
			17	Meister, M	A	A	P
			18	Andersen, R	A	A	P
			19	Bruck, J	A	A	P
			20	Shimojo, S	A	A	P
			21	Thomson, M	A	A	P
			22	Wold, B	A	A	P
			23	O'Doherty, J	A	A	P
			25	Siapas, A	A	A	P
			26	Adolphs, R	A	A	P
			27	Hoffmann, M	A	A	P
			28	Burdick, J	A	A	P
			29	Rutishauser, U	A	A	P
			30	Tsao, D	A	A	P
			31	Scherer, A	A	A	P
			32	Mobbs, D	A	A	P
COMPUTER SCIENCE							
CS 081A	+	Undergraduate Projects in Computer Science	01	Perona, P	A	A	P
			02	Staff	A	A	P
			03	Staff	A	A	P
			04	Staff	A	A	P
			05	Ralph, C / Mushkin, H	A	A	P
CS 090	+	Undergraduate Reading in Computer Science	01	Abu-Mostafa, Y	A	A	P
			02	Ralph, C / Hovik, M	A	A	P
			03	Ralph, C / Hovik, M	A	A	P
			04	Alvarez, R	A	A	P
CS 130	3-0-6	Software Engineering	01	Pinkston, D	A	A	

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COMPUTER SCIENCE							
CS 180	+	Master's Thesis Research	01	Barr, A	A	A	P
			03	Abu-Mostafa, Y	A	A	P
			05	Schroeder, P	A	A	P
			06	Low, S	A	A	P
			07	Martin, A	A	A	P
			09	Chandy, K	A	A	P
			10	Bruck, J	A	A	P
			11	Umans, C	A	A	P
			12	Winfree, E	A	A	P
			14	Perona, P	A	A	P
			15	Desbrun, M	A	A	P
			17	Wierman, A	A	A	P
			18	Kitaev, A	A	A	P
CS 280	+	Research in Computer Science	01	Martin, A	A	A	P
			02	Schroeder, P	A	A	P
			03	Ligett, K	A	A	P
			04	Barr, A	A	A	P
			05	Winfree, E	A	A	P
			06	Yue, Y	A	A	P
			07	Perona, P	A	A	P
			08	Vidick, T	A	A	P
			11	Abu-Mostafa, Y	A	A	P
			12	Chandy, K	A	A	P
			13	Umans, C	A	A	P
			14	Bruck, J	A	A	P
			15	Low, S	A	A	P
16	Desbrun, M	A	A	P			
17	Anandkumar, A	A	A	P			
19	Kitaev, A	A	A	P			
20	Wierman, A	A	A	P			
COMPUTING AND MATHEMATICAL SCIENCES							

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COMPUTING AND MATHEMATICAL SCIENCES							
CMS300	+	Research in Computing and Mathematical Sciences	01	Wierman, A	A	A	P
			02	Vidick, T	A	A	P
			03	Beck, J	A	A	P
			04	Burdick, J	A	A	P
			05	Doyle, J	A	A	P
			06	Murray, R	A	A	P
			07	Owhadi, H	A	A	P
			08	Barr, A	A	A	P
			09	Chandrasekaran, V	A	A	P
			10	Desbrun, M	A	A	P
			11	Low, S	A	A	P
			12	Perona, P	A	A	P
			13	Schroeder, P	A	A	P
			14	Schulman, L	A	A	P
			15	Umans, C	A	A	P
			16	Winfrey, E	A	A	P
			17	Yue, Y	A	A	P
			18	Pachter, L	A	A	P
			19	Anandkumar, A	A	A	P
			20	Stuart, A	A	A	P
			21	Thomson, M	A	A	P
			22	Van Valen, D	A	A	P
			23	Bouman, K	A	A	P
CONTROL & DYNAMICAL SYSTEMS							
CDS300	+	Research in Control and Dynamical Systems	01	Perona, P	A	A	P
			02	Murray, R	A	A	P
			03	Quartz, S	A	A	P
			04	Doyle, J	A	A	P
			05	Beck, J	A	A	P
			06	Owhadi, H	A	A	P
			07	Burdick, J	A	A	P
			09	Siapas, A	A	A	P

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CONTROL & DYNAMICAL SYSTEMS							
CDS300	+	Research in Control and Dynamical Systems	10	Elowitz, M	A	A	P
			11	Goentoro, L	A	A	P
			14	Dickinson, M	A	A	P
			15	Ortiz, M	A	A	P
			16	Desbrun, M	A	A	P
			17	Adolphs, R	A	A	P
			18	Ames, A	A	A	P
			19	Chung, S	A	A	P
ECONOMICS							
Ec 097	+	Undergraduate Research	01	Staff	A	A	P
ELECTRICAL ENGINEERING							
EE 085	2-3-4	Analog and RF Circuits Laboratory <i>Contact the EE department for enrollment information</i>	01	Kalantar Ohanian, R	TR 16:30 - 17:55 MW 16:30 - 17:55	B280 MRE B230 MRE	
EE 099	+	Advanced Work in Electrical Engineering	01	Scherer, A	A	A	P
			02	Low, S	A	A	P
			03	Chandrasekaran, V	A	A	P
EE 291	+	Advanced Work in Electrical Engineering	01	Hassibi, B	A	A	P
			02	Rees, D	A	A	P
			03	Murray, R	A	A	P
			04	Wang, L	A	A	P
			05	Choo, H	A	A	P
			06	Abu-Mostafa, Y	A	A	P
			07	Hajimiri, S	A	A	P
			08	Tai, Y	A	A	P
			09	Quartz, S	A	A	P
			10	Cvitanic, J	A	A	P
			11	Hoffmann, M	A	A	P
			12	Faraon, A	A	A	P
			13	Doyle, J	A	A	P

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ELECTRICAL ENGINEERING							
EE 291	+	Advanced Work in Electrical Engineering	14	Scherer, A	A	A	P
			15	Pellegrino, S	A	A	P
			16	Avouac, J	A	A	P
			17	Roukes, M	A	A	P
			18	Vahala, K	A	A	P
			19	Chandrasekaran, V	A	A	P
			20	Gharib, M	A	A	P
			21	Weinreb, S	A	A	P
			22	Hallinan, G	A	A	P
			23	Yang, C	A	A	P
			24	Hallinan, G	A	A	P
			25	Martin, A	A	A	P
			26	Effros, M	A	A	P
			27	Yariv, A	A	A	P
			28	Vaidyanathan, P	A	A	P
			29	Marandi, A	A	A	P
			30	Abu-Mostafa, Y	A	A	P
			31	Burdick, J	A	A	P
			32	Perona, P	A	A	P
			33	Minnich, A	A	A	P
			34	Kostina, V	A	A	P
			35	Bruck, J	A	A	P
			36	Low, S	A	A	P
			37	Yue, Y	A	A	P
			38	Yeh, N	A	A	P
			40	Meister, M	A	A	P
			41	Heath, J	A	A	P
42	Atwater, H	A	A	P			
43	Zmuidzinis, J	A	A	P			
44	Emami, A	A	A	P			
45	George, G	A	A	P			
46	Painter, O	A	A	P			
47	Mirhosseini, M	A	A	P			

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ENGLISH							
En 098	+	Reading in English	01	Staff	A	A	P
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
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			
19	Frankenberg, C	A	A	P			
20	Callies, J	A	A	P			

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ENVIRONMENTAL SCIENCE & ENGINEERING							
ESE200	+	Advanced Topics in Environmental Science and Engineering	01	Hering, J	A	A	P
			02	Leadbetter, J	A	A	P
			03	Flagan, R	A	A	P
			04	Hoffmann, M	A	A	P
			05	Seinfeld, J	A	A	P
			06	Newman, D	A	A	P
			07	Okumura, M	A	A	P
			08	Sessions, A	A	A	P
			09	Yung, Y	A	A	P
			10	Orphan, V	A	A	P
ESE300	+	Thesis Research	01	Yung, Y	A	A	P
			04	Wennberg, P	A	A	P
			05	Seinfeld, J	A	A	P
			06	Leadbetter, J	A	A	P
			07	Hering, J	A	A	P
			08	Schneider, T	A	A	P
			09	Seinfeld, J	A	A	P
			10	Flagan, R	A	A	P
			11	Eiler, J	A	A	P
			12	Hoffmann, M	A	A	P
			13	Newman, D	A	A	P
			14	Adkins, J	A	A	P
			15	Hunt, M	A	A	P
			16	Sessions, A	A	A	P
17	Adkins, J	A	A	P			
18	Callies, J	A	A	P			
19	Ingersoll, A	A	A	P			
20	Okumura, M	A	A	P			
21	Bordoni, S	A	A	P			
22	Thompson, A	A	A	P			
23	Frankenberg, C	A	A	P			
24	Orphan, V	A	A	P			

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GEOLOGY							
Ge 040	+	Special Problems for Undergraduates	03	Kirschvink, J	A	A	P
			05	Rossmann, G	A	A	P
			09	Lamb, M	A	A	P
			11	Ingersoll, A	A	A	P
			12	Kirschvink, J	A	A	P
Ge 195	+	Special Topics in Field Geology	01	Kirschvink, J	A	A	P
Ge 297	+	Advanced Study	01	Ehlmann, B	A	A	P
			02	Batygin, K	A	A	P
			03	Zhan, Z	A	A	P
			04	Rossmann, G	A	A	P
			05	Lapusta, N	A	A	P
			06	Buchholz, C	A	A	P
			07	Leadbetter, J	A	A	P
			08	Eiler, J	A	A	P
			09	Blake, G	A	A	P
			10	Tissot, F	A	A	P
			11	Stock, J	A	A	P
			13	Kirschvink, J	A	A	P
			14	Farley, K	A	A	P
			15	de Kleer, K	A	A	P
			16	Ingersoll, A	A	A	P
			17	Aharonson, O	A	A	P
			18	Fischer, W	A	A	P
			19	Sessions, A	A	A	P
			20	Gurnis, M	A	A	P
			21	Howard, A	A	A	P
			22	Orphan, V	A	A	P
			23	Avouac, J	A	A	P
			25	Clayton, R	A	A	P
			26	Adkins, J	A	A	P
			27	Yung, Y	A	A	P

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GEOLOGY							
Ge 297	+	Advanced Study	28	Bordoni, S	A	A	P
			29	Saleeby, J	A	A	P
			30	Brown, M	A	A	P
			31	Stolper, E	A	A	P
			32	Stevenson, D	A	A	P
			34	Wernicke, B	A	A	P
			35	Newman, D	A	A	P
			37	Simons, M	A	A	P
			38	Kulkarni, S	A	A	P
			39	Eiler, J	A	A	P
			40	Asimow, P	A	A	P
			41	Wennberg, P	A	A	P
			42	Orphan, V	A	A	P
			43	Grotzinger, J	A	A	P
			44	Jackson, J	A	A	P
			46	Lamb, M	A	A	P
			47	Tsai, V	A	A	P
			48	Knutson, H	A	A	P
49	Ross, Z	A	A	P			
Ge 299	+	Thesis Research	01	Ehlmann, B	A	A	P
			02	Adkins, J	A	A	P
			03	Fischer, W	A	A	P
			04	Brown, M	A	A	P
			06	Ingersoll, A	A	A	P
			07	Blake, G	A	A	P
			09	Kulkarni, S	A	A	P
			10	Stock, J	A	A	P
			11	Lapusta, N	A	A	P
			12	Lamb, M	A	A	P
			13	Avouac, J	A	A	P
			14	Bucholz, C	A	A	P
			15	Wernicke, B	A	A	P
			16	Knutson, H	A	A	P

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GEOLOGY							
Ge 299	+	Thesis Research	17	Rossmann, G	A	A	P
			18	Batygin, K	A	A	P
			19	Newman, D	A	A	P
			20	Farley, K	A	A	P
			21	Eiler, J	A	A	P
			22	Gurnis, M	A	A	P
			23	Orphan, V	A	A	P
			24	Schneider, T	A	A	P
			25	Stevenson, D	A	A	P
			26	Stolper, E	A	A	P
			27	Yung, Y	A	A	P
			28	Clayton, R	A	A	P
			29	Saleeby, J	A	A	P
			30	Zhan, Z	A	A	P
			31	Kirschvink, J	A	A	P
			32	Farley, K	A	A	P
			33	Heaton, T	A	A	P
			35	Simons, M	A	A	P
			36	Asimow, P	A	A	P
			37	Sessions, A	A	A	P
			38	Grotzinger, J	A	A	P
			39	Jackson, J	A	A	P
			40	Tsai, V	A	A	P
			41	Bordoni, S	A	A	P
HISTORY							
H 098	+	Reading in History	01	Staff	A	A	P
H 099A	1-0-8	Research Tutorial	01	Staff	A	A	
MATERIALS SCIENCE							

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MATERIALS SCIENCE							
MS 100	+	Advanced Work in Materials Science	01	Fultz, B	A	A	P
			03	Johnson, W	A	A	P
MS 200	+	Advanced Work in Materials Science	01	Johnson, W	A	A	P
			02	Minnich, A	A	A	P
			03	Bhattacharya, K	A	A	P
			04	Fultz, B	A	A	P
			05	Atwater, H	A	A	P
			06	Goddard, W	A	A	P
			07	Faber, K	A	A	P
			08	Bernardi, M	A	A	P
			09	Blake, G	A	A	P
			10	Yeh, N	A	A	P
			11	Kochmann, D	A	A	P
			12	See, K	A	A	P
			13	Ortiz, M	A	A	P
			14	Kornfield, J	A	A	P
			15	Lewis, N	A	A	P
16	Cushing, S	A	A	P			
17	Faraon, A	A	A	P			
19	Greer, J	A	A	P			
20	Daraio, C	A	A	P			
21	Gao, W	A	A	P			
23	Atwater, H	A	A	P			
MS 300	+	Thesis Research	01	Johnson, W	A	A	P
			02	Haile, S	A	A	P
			03	Cross, M	A	A	P
			04	Goddard, W	A	A	P
			05	Fultz, B	A	A	P
			06	Atwater, H	A	A	P
			07	Lewis, N	A	A	P
			08	Bhattacharya, K	A	A	P
			09	Minnich, A	A	A	P

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MATERIALS SCIENCE							
MS 300	+	Thesis Research	10	Rosakis, A	A	A	P
			11	Rees, D	A	A	P
			12	Snyder, G	A	A	P
			14	Bernardi, M	A	A	P
			15	Greer, J	A	A	P
			16	Faber, K	A	A	P
			17	See, K	A	A	P
			18	Faraon, A	A	A	P
MATHEMATICS							
Ma 098	+	Independent Reading	01	Graber, T	A	A	P
Ma 290	+	Reading	01	Cvitanic, J	A	A	P
			02	Flach, M	A	A	P
			03	Frank, R	A	A	P
			04	Graber, T	A	A	P
			05	Gukov, S	A	A	P
			06	Katz, N	A	A	P
			07	Kechris, A	A	A	P
			08	Makarov, N	A	A	P
			09	Mantovan, E	A	A	P
			10	Marcolli, M	A	A	P
			11	Markovic, V	A	A	P
			12	Ni, Y	A	A	P
			13	Owhadi, H	A	A	P
			14	Rains, E	A	A	P
			15	Ramakrishnan, D	A	A	P
			16	Tamuz, O	A	A	P
			17	Zhu, X	A	A	P
Ma 390	+	Research	01	Cvitanic, J	A	A	P
			02	Flach, M	A	A	P
			03	Frank, R	A	A	P

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MATHEMATICS										
Ma 390	+	Research	04	Graber, T	A	A	P			
			05	Gukov, S	A	A	P			
			06	Katz, N	A	A	P			
			07	Kechris, A	A	A	P			
			08	Makarov, N	A	A	P			
			09	Mantovan, E	A	A	P			
			10	Marcolli, M	A	A	P			
			11	Markovic, V	A	A	P			
			12	Ni, Y	A	A	P			
			13	Owhadi, H	A	A	P			
			14	Rains, E	A	A	P			
			15	Ramakrishnan, D	A	A	P			
			16	Tamuz, O	A	A	P			
			17	Zhu, X	A	A	P			
			18	Radziwill, M	A	A	P			
			19	Kapustin, A	A	A	P			
			20	Wang, L	A	A	P			
			21	Conlon, D	A	A	P			
			MECHANICAL ENGINEERING							
			ME 013	0-4-0	Mechanical Prototyping <i>Maximum enrollment: 30 students between ME 13 and 113. // Students must submit a questionnaire at https://registrar.caltech.edu/ME13-113SU2021 by June 1st.</i>	01	Stovall, P	OM,W 13:00 - 14:55	B224 SPL	P
			ME 100	+	Independent Studies in Mechanical Engineering	01	Daraio, C	A	A	P
02	Hunt, M	A				A	P			
03	Mello, M	A				A	P			
ME 110	+	Special Laboratory Work in Mechanical Engineering	01	Hunt, M	A	A	P			

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MECHANICAL ENGINEERING							
ME 113	0-4-0	Mechanical Prototyping <i>Maximum enrollment: 30 students between ME 13 and 113. // Students must submit a questionnaire available at https://registrar.caltech.edu/ME13-113SU2021 by June 1st.</i>	01	Stovall, P	W 13:00 - 14:55	B224 SPL	P
ME 200	+	Advanced Work in Mechanical Engineering	01	Burdick, J	A	A	P
			02	Bhattacharya, K	A	A	P
			03	Ames, A	A	A	P
			04	Hunt, M	A	A	P
			06	Lapusta, N	A	A	P
			07	Colonus, T	A	A	P
			15	Ravichandran, G	A	A	P
ME 300	+	Research in Mechanical Engineering	02	Andrade, J	A	A	P
			03	Ames, A	A	A	P
			04	Kochmann, D	A	A	P
			05	Haile, S	A	A	P
			06	Minnich, A	A	A	P
			07	Lewis, N	A	A	P
			08	Lapusta, N	A	A	P
			09	Scherer, A	A	A	P
			10	McKeon, B	A	A	P
			11	Schneider, T	A	A	P
			12	Heaton, T	A	A	P
			13	Stuart, A	A	A	P
			14	Gharib, M	A	A	P
			15	Fultz, B	A	A	P
			16	Atwater, H	A	A	P
17	Chung, S	A	A	P			
18	Ismagilov, R	A	A	P			
19	Hunt, M	A	A	P			
20	Rosakis, A	A	A	P			
21	Burdick, J	A	A	P			

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MECHANICAL ENGINEERING							
ME 300	+	Research in Mechanical Engineering	22	Pachter, L	A	A	P
			23	Ravichandran, G	A	A	P
			24	Murray, R	A	A	P
			25	Asimaki, D	A	A	P
			27	Shepherd, J	A	A	P
			28	Colonius, T	A	A	P
			30	Bhattacharya, K	A	A	P
			31	Bellan, P	A	A	P
			32	Brady, J	A	A	P
			34	Dickinson, M	A	A	P
			35	Greer, J	A	A	P
			36	Daraio, C	A	A	P
			38	Blanquart, G	A	A	P
			39	Adkins, J	A	A	P
			40	Hoffmann, M	A	A	P
			41	Pellegrino, S	A	A	P
42	Fu, X	A	A	P			
MEDICAL ENGINEERING							
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	Colonius, T	A	A	P
			15	Grubbs, R	A	A	P

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MEDICAL ENGINEERING							
MedE 291	+	Research in Medical Engineering	16	Ismagilov, R	A	A	P
			17	Shapiro, M	A	A	P
			18	Wang, L	A	A	P
			19	Gradinaru, V	A	A	P
			20	Daraio, C	A	A	P
			21	Kornfield, J	A	A	P
			22	Pachter, L	A	A	P
			23	Thomson, M	A	A	P
NEUROBIOLOGY							
BE/Bi/NB 203	6-0-0	Introduction to Programming for the Biological Sciences Bootcamp <i>Class meets June 14 - 25, 2021, MTWRF, 1-5:30pm</i>	01	Bois, J	A	A	P
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

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NEUROBIOLOGY							
NB 299	+	Graduate Research	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
			25	Parker, J	A	A	P
PHYSICS							
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
			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			

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PHYSICS							
Ph 171	+	Reading and Independent Study	25	Knutson, H	A	A	P
			26	Libbrecht, K	A	A	P
			27	Martin, C	A	A	P
			28	Mawet, D	A	A	P
			29	Motrunich, O	A	A	P
			30	Nad Perge, S	A	A	P
			31	Newman, H	A	A	P
			32	Oguri, H	A	A	P
			33	Painter, O	A	A	P
			34	Patterson, R	A	A	P
			35	Phillips, R	A	A	P
			36	Phinney, E	A	A	P
			37	Politzer, H	A	A	P
			38	Porter, F	A	A	P
			39	Preskill, J	A	A	P
			40	Prince, T	A	A	P
			41	Refael, G	A	A	P
			42	Rosenbaum, T	A	A	P
			43	Roukes, M	A	A	P
			44	Scherer, A	A	A	P
			45	Schwab, K	A	A	P
			46	Schwarz, J	A	A	P
			47	Simmons-Duffin, D	A	A	P
			48	Spiropulu, M	A	A	P
			49	Stone, E	A	A	P
			50	Teukolsky, S	A	A	P
			51	Troian, S	A	A	P
			52	Weinstein, A	A	A	P
			53	Wise, M	A	A	P
			54	Yeh, N	A	A	P
			55	Yue, Y	A	A	P
			56	Zmuidzinas, J	A	A	P

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PHYSICS							
Ph 172	+	Research in Physics	01	Adhikari, R	A	A	P
			02	Atwater, H	A	A	P
			03	Bock, J	A	A	P
			04	Eisenstein, J	A	A	P
			05	Endres, M	A	A	P
			06	Filippone, B	A	A	P
			07	Golwala, S	A	A	P
			08	Harrison, F	A	A	P
			09	Hitlin, D	A	A	P
			10	Hsieh, D	A	A	P
			11	Hunt, M	A	A	P
			12	Hutzler, N	A	A	P
			13	Kimble, H	A	A	P
			14	Kirby, E	A	A	P
			15	Knutson, H	A	A	P
			16	Libbrecht, K	A	A	P
			17	Martin, C	A	A	P
			18	Mawet, D	A	A	P
			19	Nad Perge, S	A	A	P
			20	Newman, H	A	A	P
			21	Oguri, H	A	A	P
			22	Painter, O	A	A	P
			23	Patterson, R	A	A	P
			24	Phillips, R	A	A	P
			25	Porter, F	A	A	P
			26	Prince, T	A	A	P
			27	Rosenbaum, T	A	A	P
			28	Roukes, M	A	A	P
			29	Scherer, A	A	A	P
			30	Schwab, K	A	A	P
			31	Spiropulu, M	A	A	P
			32	Stone, E	A	A	P
			33	Weinstein, A	A	A	P

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PHYSICS							
Ph 172	+	Research in Physics	34	Yeh, N	A	A	P
			35	Zmuidzinas, J	A	A	P
			36	Cheung, C	A	A	P
			37	Chen, Y	A	A	P
			38	Chen, X	A	A	P
			39	Bernardi, M	A	A	P
			40	Guadalupe Dos Santos Lins Brandao, F	A	A	P
			41	Refael, G	A	A	P
			42	Preskill, J	A	A	P
			43	Kapustin, A	A	A	P
			44	Hopkins, P	A	A	P
			45	Gukov, S	A	A	P
			46	Bellan, P	A	A	P
			47	Kasliwal, M	A	A	P
			48	Simmons-Duffin, D	A	A	P
			49	Wise, M	A	A	P
			50	Ravi, V	A	A	P
			51	Faraon, A	A	A	P
			52	Chan, G	A	A	P
			53	Alicea, J	A	A	P
54	Zurek, K	A	A	P			
55	Chatziaoannou, K	A	A	P			
56	Teukolsky, S	A	A	P			
57	Cisse, I	A	A	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
			07	Carroll, S	A	A	P

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PHYSICS							
Ph 300	+	Thesis Research	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	Marcolli, M	A	A	P
			28	Martin, C	A	A	P
			29	Mawet, D	A	A	P
			30	Motrunich, O	A	A	P
			31	Nad Perge, S	A	A	P
			32	Newman, H	A	A	P
			33	Oguri, H	A	A	P
			34	Painter, O	A	A	P
			35	Patterson, R	A	A	P
			36	Phillips, R	A	A	P
			37	Phinney, E	A	A	P
			38	Politzer, H	A	A	P
			39	Porter, F	A	A	P
			40	Preskill, J	A	A	P

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
PHYSICS							
Ph 300	+	Thesis Research	41	Prince, T	A	A	P
			42	Refael, G	A	A	P
			43	Rosenbaum, T	A	A	P
			44	Roukes, M	A	A	P
			45	Scherer, A	A	A	P
			46	Schwab, K	A	A	P
			47	Schwarz, J	A	A	P
			48	Scoville, N	A	A	P
			49	Simmons-Duffin, D	A	A	P
			50	Spiropulu, M	A	A	P
			51	Stone, E	A	A	P
			52	Teukolsky, S	A	A	P
			53	Troian, S	A	A	P
			54	Weinstein, A	A	A	P
			55	Wise, M	A	A	P
			56	Yeh, N	A	A	P
			57	Yue, Y	A	A	P
			58	Zmuidzinas, J	A	A	P
			59	Ravi, V	A	A	P
			60	Chatziioannou, K	A	A	P
POLITICAL SCIENCE							
PS 097	+	Undergraduate Research	01	Staff	A	A	P
SCIENTIFIC AND ENGINEERING COMMUNICATION							
SEC011	1-0-2	Written Academic Communication in Engineering and Applied Science <i>maximum enrollment: 20 students // open by application at https://registrar.caltech.edu/sec11 to SURF students only. // Priority given to students in E&AS</i>	01	Meyer, V	W 09:00 - 09:55	A	G
SOCIAL SCIENCE							

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
SOCIAL SCIENCE							
SS 200	+	Selected Topics in Social Science	02	Camerer, C	A	A	P
			03	Plott, C	A	A	P
			06	Kiewiet, D	A	A	P
			07	Kousser, J	A	A	P
			11	Ordeshook, P	A	A	P
			13	Palfrey, T	A	A	P
			19	Alvarez, R	A	A	P
			20	Wilkie, S	A	A	P
SS 299	3-0-3	Writing	01	Daley, C	A	A	P
SS 300	+	Research in Social Science	01	Agranov, M	A	A	P
			02	Hoffman, P	A	A	P
			03	Tamuz, O	A	A	P
			04	Plott, C	A	A	P
			05	Jin, J	A	A	P
			06	Palfrey, T	A	A	P
			07	Sherman, R	A	A	P
			08	Katz, J	A	A	P
			09	Echenique, F	A	A	P
			10	Shimojo, S	A	A	P
			11	Goeree, J	A	A	P
			12	Ordeshook, P	A	A	P
			13	Kiewiet, D	A	A	P
			14	Sprenger, C	A	A	P
			15	Cvitanic, J	A	A	P
			16	Kousser, J	A	A	P
			17	Rangel, A	A	A	P
			18	Ewens, M	A	A	P
			19	Alvarez, R	A	A	P
			20	Camerer, C	A	A	P
			21	Jackson, M	A	A	P
			22	Wilkie, S	A	A	P

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SOCIAL SCIENCE							
SS 300	+	Research in Social Science	23	Rosenthal, J	A	A	P
			25	Shum, M	A	A	P
			26	Yariv, L	A	A	P
			27	O'Doherty, J	A	A	P
			28	Hirsch, A	A	A	P
			29	Lester, H	A	A	P
			30	Adolphs, R	A	A	P
			31	Mobbs, D	A	A	P
			32	Hershberg, J	A	A	P
			33	Eberhardt, F	A	A	P
			WRITING				
Wr 109	3-0-3	Writing and Publishing Research Articles in STEM Fields <i>maximum enrollment: 15 students per section</i>	01	Burkett, E	TR 10:30 - 11:55	A	P
			02	Burkett, E	TR 16:00 - 17:25	A	P