

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

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

**TIMES/LOCATION/UNITS**

A = Hours/Location to be Arranged

+ = Units to be Arranged

OM = Organizational Meeting

**GRADING SCHEME**

G = Grades Only

P = Pass/Fail Only

Blank = Grades/may exercise P/F

**DAYS OF THE WEEK**

M = Monday

T = Tuesday

W = Wednesday

R = Thursday

F = Friday

S = Saturday

U = Sunday

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>AEROSPACE</b>							
Ae 100	+	Research in Aerospace	01	Culick, F	A	A	P
			02	Daraio, C	A	A	P
			03	Ravichandran, G	A	A	P
			04	Rosakis, A	A	A	P
			05	Shepherd, J	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	Dimotakis, P	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
			19	Shepherd, J	A	A	P
			21	Lapusta, N	A	A	P
			22	Daraio, C	A	A	P
			23	Pellegrino, S	A	A	P
			24	Dabiri, J	A	A	P
			25	Blanquart, G	A	A	P
			26	Schneider, T	A	A	P
			27	Greer, J	A	A	P
			28	Kochmann, D	A	A	P
			29	Gurnis, M	A	A	P
			30	Minnich, A	A	A	P

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<b>AEROSPACE</b>							
Ae 240	+	Special Topics in Fluid Mechanics	01	McKeon, B	A	A	P
<b>ANTHROPOLOGY</b>							
An 097	+	Undergraduate Research	01	Staff	A	A	P
<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
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
			04	Desbrun, M	A	A	P
			05	Hou, Y	A	A	P
			07	Meiron, D	A	A	P
			08	Schroeder, P	A	A	P
			11	Owhadi, H	A	A	P
			13	Ho, T	A	A	P
			15	Tropp, J	A	A	P
			16	Hassibi, B	A	A	P
<b>APPLIED MECHANICS</b>							
AM 200	+	Special Problems in Advanced Mechanics	01	Staff	A	A	P
AM 250	+	Research in Applied Mechanics	01	Beck, J	A	A	P
			02	Bhattacharya, K	A	A	P
			03	Andrade, J	A	A	P
			08	Murray, R	A	A	P
			09	Ortiz, M	A	A	P
			10	Phillips, R	A	A	P
			11	Ravichandran, G	A	A	P
<b>APPLIED PHYSICS</b>							

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<b>APPLIED PHYSICS</b>							
APh100	+	Advanced Work in Applied Physics	01	Atwater, H	A	A	P
			07	Goddard, W	A	A	P
			09	Haile, S	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	Dimotakis, P	A	A	P
			07	Fraser, S	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
			17	Marcus, R	A	A	P
			18	Alicea, J	A	A	P
			19	Painter, O	A	A	P
			20	Phillips, R	A	A	P
			23	Roukes, M	A	A	P
			25	Scherer, A	A	A	P
29	Vahala, K	A	A	P			
30	Yariv, A	A	A	P			
33	Winfree, E	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			

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<b>APPLIED PHYSICS</b>							
APh200	+	Applied Physics Research	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
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	Fraser, 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
			14	Phillips, R	A	A	P
			18	Roukes, M	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			
33	Painter, O	A	A	P			
34	Desbrun, M	A	A	P			
<b>ASTROPHYSICS</b>							
Ay 142	+	Research in Astronomy and Astrophysics	01	Ott, C	A	A	P
			02	Blake, G	A	A	P

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<b>ASTROPHYSICS</b>							
Ay 142	+	Research in Astronomy and Astrophysics	03	Martin, C	A	A	P
			04	Brown, M	A	A	P
			05	Ott, C	A	A	P
			06	Djorgovski, S	A	A	P
			07	Ellis, R	A	A	P
			08	Goldreich, P	A	A	P
			09	Hillenbrand, L	A	A	P
			10	Kamionkowski, M	A	A	P
			11	Kulkarni, S	A	A	P
			12	Hallinan, G	A	A	P
			13	Prince, T	A	A	P
			14	Hopkins, P	A	A	P
			15	Soifer, B	A	A	P
			16	Rogers, L	A	A	P
			17	Phinney, E	A	A	P
			18	Readhead, A	A	A	P
			19	Sargent, A	A	A	P
			20	Dore, O	A	A	P
			21	Scoville, N	A	A	P
			22	Steidel, C	A	A	P
			23	Stevenson, D	A	A	P
24	Harrison, F	A	A	P			
27	Zmuidzinas, J	A	A	P			
28	Hirata, C	A	A	P			
29	Johnson, J	A	A	P			
Ay 143	+	Reading and Independent Study	01	Hallinan, G	A	A	P
<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
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

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<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
BMB299	+	Graduate Research	05	Cai, L	A	A	P
			06	Davidson, E	A	A	P
			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
			26	Patterson, P	A	A	P
			28	Kennedy, M	A	A	P
			29	Dervan, P	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
			40	Mazmanian, S	A	A	P

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<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
BMB299	+	Graduate Research	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
<b>BIOENGINEERING</b>							
BE 098	+	Undergraduate Research in Bioengineering	01	Kennedy, M	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	Dabiri, J	A	A	P
			05	Dervan, P	A	A	P
			06	Fraser, S	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	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



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<b>BIOENGINEERING</b>							
BE 200	+	Research in Bioengineering	19	Tirrell, D	A	A	P
			20	Yang, C	A	A	P
			21	Andersen, R	A	A	P
			22	Guo, C	A	A	P
			23	Elowitz, M	A	A	P
			24	Murray, R	A	A	P
			25	Ismagilov, R	A	A	P
			26	Leadbetter, J	A	A	P
			27	Winfree, 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			
<b>BIOLOGY</b>							
Bi 022	+	Undergraduate Research	01	Sternberg, P	A	A	P
			02	Patterson, P	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	Dabiri, J	A	A	P
			07	Baltimore, D	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	Davidson, E	A	A	P
			13	Deshaies, R	A	A	P
			14	Newman, D	A	A	P
			15	Dunphy, W	A	A	P

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<b>BIOLOGY</b>							
Bi 299	+	Graduate Research	16	Fraser, S	A	A	P
			17	Hay, B	A	A	P
			18	Kennedy, M	A	A	P
			19	Burdick, J	A	A	P
			20	Meister, 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	Patterson, P	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
			39	Wold, B	A	A	P
			40	Zinn, K	A	A	P
			42	Andersen, R	A	A	P
			43	Varshavsky, A	A	A	P
			45	Leadbetter, J	A	A	P
			46	Winfree, 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

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<b>BIOLOGY</b>										
Bi 299	+	Graduate Research	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			
			<b>BUSINESS ECONOMICS &amp; MANAGEMENT</b>							
			BEM097	+	Undergraduate Research	01	Staff	A	A	P
BEM190	+	Undergraduate Research Project	01	Bossaerts, P	A	A	P			
<b>CHEMICAL ENGINEERING</b>										
ChE080	+	Undergraduate Research	01	Haile, S	A	A	P			
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			
			09	Brady, J	A	A	P			
			13	Davis, M	A	A	P			

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<b>CHEMICAL ENGINEERING</b>							
ChE280	+	Chemical Engineering Research	15	Dougherty, D	A	A	P
			16	Flagan, R	A	A	P
			17	Fraser, S	A	A	P
			19	Giapis, K	A	A	P
			20	Goddard, W	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			
<b>CHEMISTRY</b>							
Ch 080	+	Chemical Research	01	Staff	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
Ch 280	+	Chemical Research	01	Adkins, J	A	A	P
			02	Arnold, F	A	A	P

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<b>CHEMISTRY</b>							
Ch 280	+	Chemical Research	03	Goentoro, L	A	A	P
			04	Atwater, H	A	A	P
			05	Barton, J	A	A	P
			06	Beauchamp, J	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	Fraser, S	A	A	P
			18	Eiler, J	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	Haile, S	A	A	P
			28	Lewis, N	A	A	P
			29	Wang, Z	A	A	P
			30	Marcus, R	A	A	P
			31	Mayo, S	A	A	P
			32	Giapis, K	A	A	P
			33	Okumura, M	A	A	P
			34	Lester, H	A	A	P
			35	Peters, J	A	A	P

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<b>CHEMISTRY</b>							
Ch 280	+	Chemical Research	36	Pierce, N	A	A	P
			37	Sternberg, P	A	A	P
			38	Rees, D	A	A	P
			39	Lester, H	A	A	P
			40	Cai, L	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	Zewail, A	A	A	P
			49	Clemons, W	A	A	P
			51	Bjorkman, P	A	A	P
			52	Smolke, C	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			
<b>CIVIL ENGINEERING</b>							
CE 200	+	Advanced Work in Civil Engineering	01	Beck, J	A	A	P
			02	Heaton, T	A	A	P
CE 300	+	Research in Civil Engineering	01	Andrade, J	A	A	P
			02	Raichlen, F	A	A	P
			03	Hall, J	A	A	P
			04	Beck, J	A	A	P
			05	Heaton, T	A	A	P
			06	Ravichandran, G	A	A	P
			07	Ortiz, M	A	A	P
			08	Phillips, T	A	A	P
			09	Lapusta, N	A	A	P

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<b>COMPUTATION &amp; NEURAL SYS</b>							
CNS180	+	Research in Computation and Neural Systems	01	Anderson, D	A	A	P
			02	Patterson, P	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
			10	Rutishauser, U	A	A	P
			11	Lester, H	A	A	P
			12	Winfrey, E	A	A	P
			15	Kennedy, M	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			
CNS280	+	Research in Computation and Neural Systems	01	Abu-Mostafa, Y	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			

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<b>COMPUTATION &amp; NEURAL SYS</b>							
CNS280	+	Research in Computation and Neural Systems	11	Konishi, M	A	A	P
			12	Winfree, E	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
			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
			30	Tsao, D	A	A	P
31	Scherer, A	A	A	P			
<b>COMPUTER SCIENCE</b>							
CS 081A	+	Undergraduate Projects in Computer Science	01	Barr, A	A	A	P
CS 090	+	Undergraduate Research in Computer Science	01	Staff	A	A	P
			02	Ho, T	A	A	P
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



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<b>COMPUTER SCIENCE</b>							
CS 180	+	Master's Thesis Research	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
			07	Perona, P	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
			19	Kitaev, A	A	A	P
20	Wierman, A	A	A	P			
<b>CONTROL &amp; DYNAMICAL SYSTEMS</b>							
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
			08	Bossaerts, P	A	A	P
			10	Elowitz, M	A	A	P
			11	Goentoro, L	A	A	P
			13	Dabiri, J	A	A	P
			14	Dickinson, M	A	A	P
			15	Ortiz, M	A	A	P
16	Desbrun, M	A	A	P			

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<b>CONTROL &amp; DYNAMICAL SYSTEMS</b>							
CDS300	+	Research in Control and Dynamical Systems	17	Adolphs, R	A	A	P
<b>ECONOMICS</b>							
Ec 097	+	Undergraduate Research	01	Staff	A	A	P
<b>ELECTRICAL ENGINEERING</b>							
EE 099	+	Advanced Work in Electrical Engineering	01	Choo, H	A	A	P
			02	Scherer, A	A	A	P
EE 291	+	Advanced Work in Electrical Engineering	01	Hassibi, B	A	A	P
			02	Rutledge, D	A	A	P
			03	Murray, R	A	A	P
			04	Psaltis, D	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
			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
			23	Yang, C	A	A	P
			24	McEliece, R	A	A	P

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<b>ELECTRICAL ENGINEERING</b>							
EE 291	+	Advanced Work in Electrical Engineering	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	Scherer, A	A	A	P
			30	Abu-Mostafa, Y	A	A	P
			31	Burdick, J	A	A	P
			32	Perona, P	A	A	P
			35	Bruck, J	A	A	P
			36	Low, S	A	A	P
			39	Ho, T	A	A	P
			41	Heath, J	A	A	P
			42	Atwater, H	A	A	P
			43	Zmuidzinas, J	A	A	P
			44	Emami, A	A	A	P
			45	George, G	A	A	P
46	Painter, O	A	A	P			
<b>ENGINEERING</b>							
E 011	1-0-2	Written Technical Communication in Engineering and Applied Science <i>Open to SURF students in E&amp;AS and PMA only. Limited to 15 students from each division. OM on Monday, June 23rd.</i>	01	Readhead, C	OM,M 19:00 - 19:55	104 WAT	
<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
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

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<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
ESE105	+	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
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
			02	Raichlen, F	A	A	P
			03	Randerson, J	A	A	P
			04	Wennberg, P	A	A	P
			05	Seinfeld, J	A	A	P

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<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
ESE300	+	Thesis Research	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
			19	Ingersoll, A	A	A	P
			20	Okumura, M	A	A	P
			21	Bordoni, S	A	A	P
			22	Thompson, A	A	A	P
<b>GEOLOGY</b>							
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 297	+	Advanced Study	01	Ehlmann, B	A	A	P
			04	Rossmann, G	A	A	P
			05	Lapusta, N	A	A	P
			08	Eiler, J	A	A	P
			09	Blake, G	A	A	P
			11	Stock, J	A	A	P
			12	Helmberger, D	A	A	P
			13	Kirschvink, J	A	A	P
			14	Farley, K	A	A	P
			16	Ingersoll, A	A	A	P

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<b>GEOLOGY</b>							
Ge 297	+	Advanced Study	17	Aharonson, O	A	A	P
			18	Fischer, W	A	A	P
			19	Sessions, A	A	A	P
			20	Gurnis, M	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
			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
			45	Ampuero Saenz, J	A	A	P
			46	Lamb, M	A	A	P
			47	Tsai, V	A	A	P
			48	Knutson, H	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
			05	Helmburger, D	A	A	P

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<b>GEOLOGY</b>							
Ge 299	+	Thesis Research	06	Ingersoll, A	A	A	P
			07	Blake, G	A	A	P
			08	Ampuero Saenz, J	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
			15	Wernicke, B	A	A	P
			17	Rossman, G	A	A	P
			18	Aharonson, O	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
			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
<b>MATERIALS SCIENCE</b>							

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<b>MATERIALS SCIENCE</b>							
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
			11	Snyder, G	A	A	P
			12	Haile, S	A	A	P
			13	Ortiz, M	A	A	P
			15	Lewis, N	A	A	P
			17	van de Walle, A	A	A	P
			18	Heath, J	A	A	P
			19	Greer, J	A	A	P
20	Daraio, C	A	A	P			
22	Lewis, N	A	A	P			
MS 300	+	Thesis Research	01	Johnson, W	A	A	P
			02	Heath, J	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
			10	Rosakis, A	A	A	P
			13	Haile, S	A	A	P
			14	Snyder, G	A	A	P
			15	Greer, J	A	A	P
16	van de Walle, A	A	A	P			
<b>MATHEMATICS</b>							



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<b>MATHEMATICS</b>							
Ma 098	+	Independent Reading	01	Staff	A	A	P
Ma 290	+	Reading	01	Flach, M	A	A	P
			02	Frank, R	A	A	P
			03	Graber, T	A	A	P
			04	Katz, N	A	A	P
			05	Kechris, A	A	A	P
			06	Makarov, N	A	A	P
			07	Mantovan, E	A	A	P
			08	Marcolli, M	A	A	P
			09	Markovic, V	A	A	P
			10	Ni, Y	A	A	P
			11	Rains, E	A	A	P
			12	Ramakrishnan, D	A	A	P
Ma 390	+	Research	01	Flach, M	A	A	P
			02	Frank, R	A	A	P
			03	Graber, T	A	A	P
			04	Katz, N	A	A	P
			05	Kechris, A	A	A	P
			06	Makarov, N	A	A	P
			07	Mantovan, E	A	A	P
			08	Marcolli, M	A	A	P
			09	Markovic, V	A	A	P
			10	Ni, Y	A	A	P
			11	Rains, E	A	A	P
			12	Ramakrishnan, D	A	A	P
<b>MECHANICAL ENGINEERING</b>							
ME 013	0-4-0	Introduction to Mechanical Prototyping <i>Maximum enrollment: 25 students between ME 13 and ME 130 // Students must submit a questionnaire available at the Registrar's Office before June 1st.</i>	01	Van Deusen, J	OM,T 18:00 - 19:55	024 SPL	P

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<b>MECHANICAL ENGINEERING</b>							
ME 100	+	Advanced Work in Mechanical Engineering	01	Hunt, M	A	A	P
ME 110	+	Special Laboratory Work in Mechanical Engineering	01	Hall, J	A	A	P
			02	Hunt, M	A	A	P
			03	Brennen, C	A	A	P
			05	Pickar, K	A	A	P
ME 130	0-4-0	Introduction to Mechanical Prototyping <i>Maximum enrollment: 25 students between ME 13 and ME 130 // Students must submit a questionnaire available at the Registrar's Office before June 1st.</i>	01	Van Deusen, J	OM,T 18:00 - 19:55	024 SPL	P
ME 200	+	Advanced Work in Mechanical Engineering	01	Burdick, J	A	A	P
			04	Hunt, M	A	A	P
			05	Pickar, K	A	A	P
			06	Lapusta, N	A	A	P
			07	Colonus, T	A	A	P
			09	Brennen, C	A	A	P
			15	Ravichandran, G	A	A	P
			ME 300	+	Research in Mechanical Engineering	01	Ortiz, M
02	Andrade, J	A				A	P
03	Antonsson, E	A				A	P
04	Kochmann, D	A				A	P
05	Haile, S	A				A	P
06	Minnich, A	A				A	P
07	Minnich, A	A				A	P
08	Lapusta, N	A				A	P
09	Scherer, A	A				A	P
10	McKeon, B	A				A	P
11	Brennen, C	A				A	P
14	Gharib, M	A				A	P
15	Fultz, B	A				A	P
16	Atwater, H	A				A	P

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<b>MECHANICAL ENGINEERING</b>							
ME 300	+	Research in Mechanical Engineering	19	Hunt, M	A	A	P
			20	Leonard, A	A	A	P
			21	Burdick, J	A	A	P
			23	Ravichandran, G	A	A	P
			24	Murray, R	A	A	P
			27	Shepherd, J	A	A	P
			28	Colonus, T	A	A	P
			30	Bhattacharya, K	A	A	P
			31	Bellan, P	A	A	P
			32	Brady, J	A	A	P
			33	Dabiri, 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
<b>MEDICAL ENGINEERING</b>							
MedE 291	+	Research in Medical Engineering	01	Burdick, J	A	A	P
			02	Choo, H	A	A	P
			03	Dabiri, J	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

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<b>MEDICAL ENGINEERING</b>							
MedE 291	+	Research in Medical Engineering	15	Grubbs, R	A	A	P
			16	Ismagilov, R	A	A	P
<b>PHYSICS</b>							
Ph 171	+	Reading and Independent Study	01	Kapustin, A	A	A	P
			02	Oguri, H	A	A	P
			03	Cheung, C	A	A	P
			04	Frautschi, S	A	A	P
			05	Roukes, M	A	A	P
			06	Carroll, S	A	A	P
			10	Thorne, K	A	A	P
			15	Wilson, R	A	A	P
			16	Gukov, S	A	A	P
			18	Libbrecht, K	A	A	P
			22	Motrunich, O	A	A	P
			23	Schwarz, J	A	A	P
			24	Simon, B	A	A	P
			25	Chen, Y	A	A	P
			27	Phillips, R	A	A	P
			30	Porter, F	A	A	P
			33	Porter, F	A	A	P
			35	Politzer, H	A	A	P
			38	Wise, M	A	A	P
			44	Cross, M	A	A	P
47	Simon, B	A	A	P			
51	Phinney, E	A	A	P			
54	Preskill, J	A	A	P			
55	Cross, M	A	A	P			
56	Weinstein, A	A	A	P			
66	Troian, S	A	A	P			
68	Refael, G	A	A	P			
Ph 172	+	Research in Experimental Physics	01	Barish, B	A	A	P
			02	Bock, J	A	A	P

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<b>PHYSICS</b>							
Ph 172	+	Research in Experimental Physics	03	Patterson, R	A	A	P
			04	Haile, S	A	A	P
			06	Porter, F	A	A	P
			07	Martin, C	A	A	P
			08	Roukes, M	A	A	P
			09	Harrison, F	A	A	P
			10	Okumura, M	A	A	P
			11	Hitlin, D	A	A	P
			12	Patterson, R	A	A	P
			13	Hsieh, D	A	A	P
			14	Yung, Y	A	A	P
			16	Oguri, H	A	A	P
			17	Frautschi, S	A	A	P
			18	Golwala, S	A	A	P
			20	Harrison, F	A	A	P
			24	Bellan, P	A	A	P
			26	Rice, F	A	A	P
			29	Eisenstein, J	A	A	P
			31	Troian, S	A	A	P
			32	Prince, T	A	A	P
			33	Phillips, R	A	A	P
			35	Newman, H	A	A	P
			37	Flagan, R	A	A	P
			38	Adhikari, R	A	A	P
			40	Readhead, A	A	A	P
			41	Heath, J	A	A	P
			43	Yeh, N	A	A	P
			45	Libbrecht, K	A	A	P
			46	Filippone, B	A	A	P
			47	Winfree, E	A	A	P
			49	Kimble, H	A	A	P
			51	Zmuidzinas, J	A	A	P
			52	Winfree, E	A	A	P

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<b>PHYSICS</b>							
Ph 172	+	Research in Experimental Physics	53	Weinstein, A	A	A	P
			54	Heath, J	A	A	P
			56	Zewail, A	A	A	P
			58	Scherer, A	A	A	P
			68	Eisenstein, J	A	A	P
			72	Stone, E	A	A	P
			75	Painter, O	A	A	P
			76	Fraser, S	A	A	P
			78	Atwater, H	A	A	P
			79	Spiropulu, M	A	A	P
			80	Schwab, K	A	A	P
Ph 173	+	Research in Theoretical Physics	01	Alicea, J	A	A	P
			03	Zewail, A	A	A	P
			04	Thorne, K	A	A	P
			05	Scheel, M	A	A	P
			06	Kapustin, A	A	A	P
			07	Cheung, C	A	A	P
			08	Libbrecht, K	A	A	P
			09	Hirata, C	A	A	P
			10	Filippone, B	A	A	P
			11	Kitaev, A	A	A	P
			12	Marcus, R	A	A	P
			13	Chen, Y	A	A	P
			14	Scoville, N	A	A	P
			15	Atwater, H	A	A	P
			16	Carroll, S	A	A	P
			17	Goddard, W	A	A	P
			18	Simon, B	A	A	P
			19	Hopkins, P	A	A	P
			20	Phillips, R	A	A	P
21	Troian, S	A	A	P			
22	Tombrello, T	A	A	P			
29	Motrunich, O	A	A	P			

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<b>PHYSICS</b>							
Ph 173	+	Research in Theoretical Physics	34	Goddard, W	A	A	P
			37	Wise, M	A	A	P
			38	Porter, F	A	A	P
			39	Preskill, J	A	A	P
			41	Schwarz, J	A	A	P
			42	Oguri, H	A	A	P
			43	Gukov, S	A	A	P
			44	Phinney, E	A	A	P
			45	Cross, M	A	A	P
			54	Frautschi, S	A	A	P
			57	Refael, G	A	A	P
			59	Ott, C	A	A	P
Ph 300	+	Thesis Research	01	Yung, Y	A	A	P
			02	Libbrecht, K	A	A	P
			03	Painter, O	A	A	P
			04	Readhead, A	A	A	P
			05	Hitlin, D	A	A	P
			06	Pine, J	A	A	P
			07	Psaltis, D	A	A	P
			08	Golwala, S	A	A	P
			09	Bellan, P	A	A	P
			10	Daraio, C	A	A	P
			11	Phillips, R	A	A	P
			12	Kapustin, A	A	A	P
			13	Wilson, R	A	A	P
			14	Thorne, K	A	A	P
			15	Refael, G	A	A	P
			16	Gharib, M	A	A	P
			17	Desbrun, M	A	A	P
			18	Newman, H	A	A	P
19	Marcus, R	A	A	P			
20	Filippone, B	A	A	P			
21	Kennedy, M	A	A	P			

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<b>PHYSICS</b>							
Ph 300	+	Thesis Research	22	Prince, T	A	A	P
			23	Barish, B	A	A	P
			24	Kitaev, A	A	A	P
			25	Schwab, K	A	A	P
			26	Lester, H	A	A	P
			27	Cross, M	A	A	P
			28	Marcolli, M	A	A	P
			29	McKeown, R	A	A	P
			30	Winfree, E	A	A	P
			31	Adhikari, R	A	A	P
			32	Bock, J	A	A	P
			33	Goddard, W	A	A	P
			35	Ott, C	A	A	P
			38	Phillips, T	A	A	P
			39	Motrunich, O	A	A	P
			41	Wise, M	A	A	P
			42	Kimble, H	A	A	P
			44	Phinney, E	A	A	P
			46	Preskill, J	A	A	P
			47	Yeh, N	A	A	P
			51	Oguri, H	A	A	P
			52	Porter, F	A	A	P
			53	Atwater, H	A	A	P
			54	Zewail, A	A	A	P
			56	Weinstein, A	A	A	P
			59	Stone, E	A	A	P
			60	Zmuidzinas, J	A	A	P
			61	Ellis, R	A	A	P
			62	Schwarz, J	A	A	P
			63	Eisenstein, J	A	A	P
			64	Tombrello, T	A	A	P
			65	Schwarz, J	A	A	P
			66	Gukov, S	A	A	P



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<b>PHYSICS</b>							
Ph 300	+	Thesis Research	69	Martin, C	A	A	P
			71	Roukes, M	A	A	P
			73	Heath, J	A	A	P
			74	Harrison, F	A	A	P
			78	Troian, S	A	A	P
			79	Chen, Y	A	A	P
			80	Spiropulu, M	A	A	P
			81	Carroll, S	A	A	P
<b>POLITICAL SCIENCE</b>							
PS 097	+	Undergraduate Research	01	Staff	A	A	P
<b>SOCIAL SCIENCE</b>							
SS 200	+	Selected Topics in Social Science	01	Bossaerts, P	A	A	P
			02	Camerer, C	A	A	P
			03	Plott, C	A	A	P
			06	Kiewiet, D	A	A	P
			07	Kousser, J	A	A	P
			09	Ledyard, J	A	A	P
			10	Border, K	A	A	P
			11	Ordeshook, P	A	A	P
			12	Davis, L	A	A	P
			13	Palfrey, T	A	A	P
			19	Alvarez, R	A	A	P
			20	Wilkie, S	A	A	P
			SS 300	+	Research in Social Science	01	Davis, L
02	Hoffman, P	A				A	P
03	Bossaerts, P	A				A	P
04	Plott, C	A				A	P
05	Ledyard, J	A				A	P
06	Palfrey, T	A				A	P
07	Sherman, R	A				A	P

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<b>SOCIAL SCIENCE</b>							
SS 300	+	Research in Social Science	08	Katz, J	A	A	P
			09	Echenique, F	A	A	P
			11	Goeree, J	A	A	P
			12	Ordeshook, P	A	A	P
			13	Kiewiet, D	A	A	P
			14	Border, K	A	A	P
			15	Cvitanic, J	A	A	P
			16	Kousser, J	A	A	P
			17	Rangel, A	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
			23	Rosenthal, J	A	A	P
			24	Ghirardato, P	A	A	P
			25	Shum, M	A	A	P
			26	Yariv, L	A	A	P
			27	O'Doherty, J	A	A	P
			29	Lester, H	A	A	P