

**KEY TO ABBREVIATIONS****LOCATIONS**


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ALLES	Alles Laboratory	JRG	Jorgensen Laboratory for Information Science
ANX	Bridge Annex	KAR	Karman Laboratory
ARM	Arms Laboratory of Geological Sciences	KCK	Keck Engineering Laboratory
BAC	Braun Athletic Center	KRK	Kerkchoff Laboratory of Biological Sciences
BAX	Baxter Hall of Humanities and Social Services	LAU	Lauritsen Physics Laboratory
BBB	Beckman Laboratory of Behavioral Biology	MEAD	Undergraduate Chemistry Laboratory
BCK	Beckman Institute	MRE	Moore Laboratory
BRD	Broad Center	NMD	North Mudd Building of Geological Sciences
BRG	Bridge Laboratory of Physics	NYS	Noyes Laboratory of Chemical Physics
BRN	Braun Laboratory	POLY	Polytechnic School
BRW	Brown Gym	ROB	Robinson Laboratory of Astrophysics
BTH	Booth Computing Center	SAC	Student Activities Center
CHR	Church Laboratory of Chemical Biology	SFL	Sherman Fairchild Library
CRL	Crellin Chemistry Laboratory	SLN	Sloan Laboratory of Mathematics and Physics
DAB	Dabney Hall of Humanities	SMD	South Mudd Building of Geophysics and Planetary Sciences
DWN	Downs Physics Laboratory	SPL	Spalding Laboratory of Chemical Engineering
DWN/LAU	Downs Lauritsen	STL	Steele Laboratory of Electrical Engineering
EBRG	East Bridge	TOM	Thomas Engineering Laboratory
FIR	Firestone Flight Science Laboratory	WAT	Watson Laboratory of Applied Physics
GTS	Gates Chemical Laboratory	WINN	Winnet Center
GUG	Guggenheim Laboratory	YHC	Young Health Center

**GRADING SCHEME**


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

**TIMES/LOCATION/UNITS**


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

**DAYS OF THE WEEK**


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

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<b>AERONAUTICS</b>							
Ae 100	+	Research in Aeronautics	01	Culick	A	A	P
			02	Gharib	A	A	P
			03	Hornung	A	A	P
			04	Leonard	A	A	P
			05	Ortiz	A	A	P
			06	Ravichandran	A	A	P
			07	Rosakis	A	A	P
			08	Sercel	A	A	P
			09	Shepherd	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin	MWF 10:00 - 10:55	101 GUG	G
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>Taught concurrently with AM/ME 65A</i>	01	Bhattacharya	TR 09:00 - 10:25	101 GUG	G
Ae/JP 103A	3-0-6	Propulsion, Dynamics, and Control of Aircraft	01	Krok	TR 10:30 - 11:55	308 FIR	G
Ae/APh 104A	3-0-6	Experimental Methods	01	Ravichandran	TR 13:00 - 14:25	101 GUG	G
CE/Ae/AM 108A	3-0-6	Computational Mechanics	01	Hall	OM,M 15:00 - 15:55	210 TOM	
Ae 150A	1-0-0	Aeronautical Seminar	01	Shepherd	M 13:00 - 13:55	101 GUG	P
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids	01	Rosakis	TR 10:30 - 11:55	A	G
Ae 200	+	Advanced Research in Aeronautics	01	Bellan	A	A	P
			02	Bhattacharya	A	A	P
			03	Culick	A	A	P
			04	Dimotakis	A	A	P
			05	Gharib	A	A	P
			06	Hornung	A	A	P
			07	Leonard	A	A	P

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<b>AERONAUTICS</b>							
Ae 200	+	Advanced Research in Aeronautics	08	Murray	A	A	P
			09	Ortiz	A	A	P
			10	Pierce	A	A	P
			11	Pullin	A	A	P
			12	Ravichandran	A	A	P
			13	Rosakis	A	A	P
			14	Seinfeld	A	A	P
			15	Sercel	A	A	P
			16	Shepherd	A	A	P
Ae 208A	1-0-0	Fluid Mechanics Seminar	01	Pullin	F 15:00 - 15:55	101 GUG	P
Ae/AM/ME 209A	1-0-0	Seminar in Solid Mechanics	01	Staff	A	A	P
Ae/ACM 232A	3-0-6	Computational Fluid Dynamics	01	Colonus	MW 10:30 - 11:55	206 TOM	
Ae/Ge/ME 266A	3-0-6	Dynamic Fracture and Frictional Faulting	01	Lapusta	MW 13:30 - 14:55	306 TOM	
<b>ANTHROPOLOGY</b>							
An 022	3-0-6	Introduction to Sociocultural Anthropology	01	Staff	A	A	
<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
ACM095A	4-0-8	Introductory Methods of Applied Mathematics	01	Meiron	MWF 11:00 - 11:55	119 KRK	
					T 11:00 - 11:55	11 DWN	
			02	Meiron	MWF 11:00 - 11:55	119 KRK	
					T 11:00 - 11:55	119 DWN	
			03	Meiron	MWF 11:00 - 11:55	119 KRK	
					R 09:00 - 09:55	11 DWN	
		04	Meiron	MWF 11:00 - 11:55	119 KRK		
				R 11:00 - 11:55	11 DWN		
		05	Meiron	MWF 11:00 - 11:55	119 KRK		

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<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
ACM095A	4-0-8	Introductory Methods of Applied Mathematics	05	Meiron	W 14:00 - 14:55	119 DWN	
			06	Meiron	MWF 11:00 - 11:55	119 KRK	
					T 13:00 - 13:55	11 DWN	
			07	Meiron	MWF 11:00 - 11:55	119 KRK	
					T 14:00 - 14:55	103 DWN	
			08	Meiron	MWF 11:00 - 11:55	119 KRK	
					R 14:00 - 14:55	103 DWN	
			09	Meiron	MWF 11:00 - 11:55	119 KRK	
					R 16:00 - 16:55	119 DWN	
			10	Meiron	MWF 11:00 - 11:55	119 KRK	
					M 14:00 - 14:55	119 DWN	
					MWF 11:00 - 11:55	119 KRK	
		T 16:00 - 16:55	119 DWN				
		MWF 11:00 - 11:55	119 KRK				
ACM100A	4-0-8	Introductory Methods of Applied Mathematics	01	Meiron	MWF 11:00 - 11:55	119 KRK	
					T 11:00 - 11:55	11 DWN	
			02	Meiron	MWF 11:00 - 11:55	119 KRK	
					T 11:00 - 11:55	119 DWN	
			03	Meiron	MWF 11:00 - 11:55	119 KRK	
					R 09:00 - 09:55	11 DWN	
			04	Meiron	MWF 11:00 - 11:55	119 KRK	
					R 11:00 - 11:55	11 DWN	
			05	Meiron	MWF 11:00 - 11:55	119 KRK	
					W 14:00 - 14:55	119 DWN	
06	Meiron	MWF 11:00 - 11:55	119 KRK				
		T 13:00 - 13:55	11 DWN				
07	Meiron	MWF 11:00 - 11:55	119 KRK				
		T 14:00 - 14:55	103 DWN				
08	Meiron	MWF 11:00 - 11:55	119 KRK				
		R 14:00 - 14:55	103 DWN				
09	Meiron	MWF 11:00 - 11:55	119 KRK				
		R 16:00 - 16:55	119 DWN				
10	Meiron	MWF 11:00 - 11:55	119 KRK				

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<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
ACM100A	4-0-8	Introductory Methods of Applied Mathematics	10	Meiron	M 14:00 - 14:55	119 DWN	
			11	Meiron	MWF 11:00 - 11:55	119 KRK	
					T 16:00 - 16:55	119 DWN	
			12	Meiron	MWF 11:00 - 11:55	119 KRK	
ACM101A	3-0-6	Methods of Applied Mathematics I	01	Bruno	TR 14:00 - 15:25	306 FIR	
ACM105	3-0-6	Applied Real and Functional Analysis	01	Staff	MWF 15:00 - 15:55	308 FIR	
ACM106A	3-0-6	Introductory Methods of Computational Mathematics	01	Hou	TR 10:30 - 11:55	306 FIR	
ACM/ESE 118	3-0-6	Methods in Applied Statistics and Data Analysis	01	Schneider	TR 10:30 - 11:55	155 ARM	
Ma/ACM 142A	3-0-6	Ordinary and Partial Differential Equations	01	Goldberg	TR 11:00 - 12:25	153 SLN	
ACM201A	4-0-8	Partial Differential Equations	01	Staff	TR 10:30 - 11:55	A	
Ae/ACM 232A	3-0-6	Computational Fluid Dynamics	01	Colonus	MW 10:30 - 11:55	206 TOM	
ACM290	1-0-0	Applied and Computational Mathematics Colloquium	01	Staff	M 16:15 - 17:15	101 GUG	P
ACM300	+	Research in Applied and Computational Mathematics	01	Bruno	A	A	P
			02	Candes	A	A	P
			03	Cohen	A	A	P
			04	Hou	A	A	P
			05	Marsden	A	A	P
			06	Meiron	A	A	P
			07	Pierce	A	A	P
			08	Yung	A	A	P
<b>APPLIED MECHANICS</b>							

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<b>APPLIED MECHANICS</b>							
AM/ME 035A	3-0-6	Statics and Dynamics	01	Ortiz	MWF 14:00 - 14:55	206 TOM	G
AM/ME 065	3-0-6	Mechanics of Materials <i>Taught concurrently with Ae/AMCE/ME 102A</i>	01	Ravichandran	TR 09:00 - 10:25	101 GUG	
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>Taught concurrently with AM/ME 65A</i>	01	Bhattacharya	TR 09:00 - 10:25	101 GUG	G
CE/Ae/AM 108A	3-0-6	Computational Mechanics	01	Hall	OM,M 15:00 - 15:55	210 TOM	
AM 125A	3-0-6	Engineering Mathematical Principles	01	Beck	TR 09:00 - 10:25	A	G
AM 151A	3-0-6	Dynamics and Vibrations	01	Staff	MWF 09:00 - 09:55	A	G
AM 200	+	Special Problems in Advanced Mechanics	01	Beck	A	A	P
			02	Hall	A	A	P
			03	Iwan	A	A	P
			04	Phillips	A	A	P
			05	Rosakis	A	A	P
Ae/AM/ME 209A	1-0-0	Seminar in Solid Mechanics	01	Staff	A	A	P
AM 250	+	Research in Applied Mechanics	01	Beck	A	A	P
			02	Bhattacharya	A	A	P
			03	Brennen	A	A	P
			04	Burdick	A	A	P
			05	Culick	A	A	P
			06	Hall	A	A	P
			07	Iwan	A	A	P
			08	Murray	A	A	P
			09	Ortiz	A	A	P
			10	Phillips	A	A	P
			11	Ravichandran	A	A	P

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<b>APPLIED MECHANICS</b>							
AM 250	+	Research in Applied Mechanics	12	Rosakis	A	A	P
			13	Roukes	A	A	P
			14	Tai	A	A	P
			15	Ustundag	A	A	P
			16	Lapusta	A	A	P
<b>APPLIED PHYSICS</b>							
APh/EE 009A	2-2-2	Solid-State Electronics for Integrated Circuits <i>Maximum enrollment: 80 students</i>	01	Scherer / Derose	R 10:00 - 10:55 F 13:00 - 13:55	070 MRE 070 MRE	G
APh017A	3-0-6	Thermodynamics	01	Painter	TR 15:00 - 16:25	104 WAT	G
APh078A	0-9-0	Senior Thesis, Experimental	01	Bellan	A	A	G
			02	Painter	A	A	G
APh079A	0-9-0	Senior Thesis, Theoretical	01	Staff	A	A	G
APh100	+	Advanced Work in Applied Physics	01	Atwater	A	A	P
			02	Bellan	A	A	P
			03	Cross	A	A	P
			04	Culick	A	A	P
			05	Dimotakis	A	A	P
			06	Fultz	A	A	P
			07	Goddard	A	A	P
			08	Goodstein	A	A	P
			09	Haile	A	A	P
			10	Johnson	A	A	P
			11	Mabuchi	A	A	P
			12	Marcus	A	A	P
			13	McGill	A	A	P
			14	Phillips	A	A	P
			15	Psaltis	A	A	P
			16	Quake	A	A	P
			17	Roukes	A	A	P

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<b>APPLIED PHYSICS</b>							
APh100	+	Advanced Work in Applied Physics	18	Rutledge	A	A	P
			19	Scherer	A	A	P
			20	Tai	A	A	P
			21	Thorne	A	A	P
			22	Tombrello	A	A	P
			23	Vahala	A	A	P
			24	Yariv	A	A	P
			25	Yeh	A	A	P
			26	Zewail	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin	MWF 10:00 - 10:55	101 GUG	G
Ae/APh 104A	3-0-6	Experimental Methods	01	Ravichandran	TR 13:00 - 14:25	101 GUG	G
APh105A	3-0-6	States of Matter	01	Vahala	MW 08:00 - 09:25	104 WAT	G
APh109A	0-6-3	Micro/Nanofabrication Laboratory	01	Quake / Ghaffari	OM,T 16:00 - 16:55	A	P
APh110	2-0-0	Topics in Applied Physics	01	Bellan	M 13:00 - 13:55	104 WAT	P
APh114A	3-0-6	Solid-State Physics	01	Bockrath	TR 13:00 - 14:25	104 WAT	
APh/EE 130A	3-0-6	Optical System Design	01	Yang / Psaltis	MW 13:00 - 14:25	080 MRE	G
APh/EE 183A	3-0-6	Fundamentals of Electronic Devices	01	McGill	WF 14:00 - 15:25	104 WAT	G
APh200	+	Applied Physics Research	01	Atwater	A	A	P
			02	Barton	A	A	P
			03	Bellan	A	A	P
			04	Bockrath	A	A	P
			05	Corngold	A	A	P



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<b>APPLIED PHYSICS</b>							
APh200	+	Applied Physics Research	06	Cross	A	A	P
			07	Dimotakis	A	A	P
			08	Fraser	A	A	P
			09	Fultz	A	A	P
			10	Goddard	A	A	P
			11	Goldreich	A	A	P
			12	Goodstein	A	A	P
			13	Haile	A	A	P
			14	Johnson	A	A	P
			15	Libbrecht	A	A	P
			16	Low	A	A	P
			17	Mabuchi	A	A	P
			18	Marcus	A	A	P
			19	McGill	A	A	P
			20	Painter	A	A	P
			21	Phillips	A	A	P
			22	Psaltis	A	A	P
			23	Quake	A	A	P
			24	Roukes	A	A	P
			25	Rutledge	A	A	P
			26	Scherer	A	A	P
			27	Shepherd	A	A	P
			28	Tai	A	A	P
			29	Thorne	A	A	P
			30	Tombrello	A	A	P
			31	Vahala	A	A	P
			32	Yariv	A	A	P
			33	Yeh	A	A	P
			34	Zewail	A	A	P
			35	Winfree	A	A	P
			36	Pierce	A	A	P
			37	Kimble	A	A	P
			38	Zmuidzinas	A	A	P

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<b>APPLIED PHYSICS</b>							
APh200	+	Applied Physics Research	39	Jensen	A	A	P
			40	Kornfield	A	A	P
APh250	+	Advanced Topics in Applied Physics	01	Staff	A	A	P
APh300	+	Thesis Research in Applied Physics	01	Atwater	A	A	P
			02	Bellan	A	A	P
			03	Cross	A	A	P
			04	Culick	A	A	P
			05	Dimotakis	A	A	P
			06	Fraser	A	A	P
			07	Fultz	A	A	P
			08	Goddard	A	A	P
			09	Goodstein	A	A	P
			10	Gould	A	A	P
			11	Johnson	A	A	P
			12	Libbrecht	A	A	P
			13	McGill	A	A	P
			14	McKeown	A	A	P
			15	Phillips	A	A	P
			16	Psaltis	A	A	P
			17	Quake	A	A	P
			18	Roukes	A	A	P
			19	Rutledge	A	A	P
			20	Scherer	A	A	P
			21	Tai	A	A	P
			22	Thorne	A	A	P
			23	Tombrello	A	A	P
			24	Vahala	A	A	P
			25	Yariv	A	A	P
			26	Zewail	A	A	P

**ART HISTORY**

Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>ART HISTORY</b>							
Art067	3-0-6	Italian Renaissance Art	01	Howard	OM,T 14:00 - 14:25	125 BAX	
Art068	3-0-6	Modern Art	01	Dini	MW 15:00 - 16:25	125 BAX	
<b>ASTROPHYSICS</b>							
Ay 020	3-0-6	Basic Astronomy and the Galaxy	01	Djorgovski	OM,M 15:00 - 15:55	106 ROB	
Ay 043	+	Reading in Astronomy and Astrophysics <i>Organizational Meeting: Monday, September 27th from 3-4pm in 106 Robinson</i>	01	Blain	A	A	P
			03	Cohen	A	A	P
			04	Djorgovski	A	A	P
			05	Hillenbrand	A	A	P
			06	Phinney	A	A	P
			07	Readhead	A	A	P
			08	Sargent	A	A	P
			09	Sargent	A	A	P
			10	Scoville	A	A	P
			Ay 078A	9-0-0	Senior Thesis <i>Organizational Meeting: Monday, September 27th from 3-4pm in 106 Robinson</i>	01	Blandford
02	Djorgovski	A				A	P
03	Hillenbrand	A				A	P
04	Kamionkowski	A				A	P
05	Phinney	A				A	P
06	Readhead	A				A	P
07	Sargent	A				A	P
08	Scoville	A				A	P
09	Scoville	A				A	P
Ay 101	3-2-6	Physics of Stars	01	Sargent / Hillenbrand	OM,M 15:00 - 15:55	106 ROB	
Ay 121	3-0-6	Radiative Processes	01	Readhead	OM,M 15:00 - 15:55	106 ROB	

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<b>ASTROPHYSICS</b>							
Ay 122	3-0-6	Astronomical Measurements and Instrumentation	01	Djorgovski / Readhead	OM,M 15:00 - 15:55	106 ROB	
Ay 123	3-0-6	Structure and Evolution of Stars	01	Kamionkowski / Cohen	OM,M 15:00 - 15:55	A	
Ge/Ay 133	3-0-6	The Formation, Evolution, and Detection of Planetary Systems	01	Brown	MWF 11:00 - 11:55	A	
Ay 141A	1-0-2	Research Conference in Astronomy	01	Kulkarni / Readhead	OM,M 15:00 - 15:55	106 ROB	
Ay 142	+	Research in Astronomy and Astrophysics	01	Blain	A	A	P
			03	Brown	A	A	P
			04	Cohen	A	A	P
			05	Goldreich	A	A	P
			06	Djorgovski	A	A	P
			07	Ellis	A	A	P
			08	Hillenbrand	A	A	P
			09	Kamionkowski	A	A	P
			10	Kulkarni	A	A	P
			11	Lange	A	A	P
			12	Libbrecht	A	A	P
			13	Martin	A	A	P
			14	Phillips	A	A	P
			15	Phinney	A	A	P
			16	Readhead	A	A	P
			17	Sargent	A	A	P
			18	Sargent	A	A	P
			19	Staff	A	A	P
			20	Scoville	A	A	P
			21	Steidel	A	A	P
			22	Westphal	A	A	P
			23	Zirin	A	A	P
			24	Sari	A	A	P
			25	Blake	A	A	P

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<b>ASTROPHYSICS</b>							
Ay 142	+	Research in Astronomy and Astrophysics	26	Soifer	A	A	P
			27	Adami	A	A	P
			28	McKeown	A	A	P
Ay 143	+	Reading and Independent Study <i>Organizational Meeting: Monday, September 27th from 3-4pm in 106 Robinson</i>	02	Cohen	A	A	P
			03	Djorgovski	A	A	P
			04	Goldreich	A	A	P
			05	Hillenbrand	A	A	P
			06	Kulkarni	A	A	P
			07	Martin	A	A	P
			08	Phinney	A	A	P
			09	Readhead	A	A	P
			10	Sargent	A	A	P
			11	Scoville	A	A	P
			12	Zirin	A	A	P
			<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>				
BMB/Bi/Ch 170	3-3-3	Principles of Three-Dimensional Protein Structure	01	Rees / Bjorkman	TR 10:30 - 11:55	100 - Rock Auditorium BRD	G
Bi/BMB 251A	1-0-0	Current Research in Cellular and Molecular Biology	01	Deshaies / Hay	W 12:00 - 12:55	24 BBB	
BMB299	+	Graduate Research	01	Arnold	A	A	P
			02	Bjorkman	A	A	P
			03	Bronner-Fraser	A	A	P
			04	Campbell	A	A	P
			05	Collier	A	A	P
			06	Davidson	A	A	P
			07	Deshaies	A	A	P
			08	Dougherty	A	A	P
			09	Fraser	A	A	P
			10	Goddard	A	A	P
			11	Hsieh-Wilson	A	A	P
			12	Jensen	A	A	P

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<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
BMB299	+	Graduate Research	13	Koch	A	A	P
			14	Mabuchi	A	A	P
			15	Mayo	A	A	P
			16	Parker	A	A	P
			17	Pierce	A	A	P
			18	Quake	A	A	P
			19	Rees	A	A	P
			20	Roberts	A	A	P
			21	Schuman	A	A	P
			22	Roberts	A	A	P
			23	Elowitz	A	A	P
<b>BIOENGINEERING</b>							
BE 100A	0-1-0	Bioengineering Seminar	01	Dickinson	A	A	P
EE/BE 166	3-1-5	Optical Methods for Biomedical Imaging and Diagnosis	01	Yang	A	A	G
BE 167	3-0-0	Topics in Bioengineering	01	Dickinson	A	A	G
BE 201A	3-5-4	Physiology for Bioengineering	01	Staff	A	A	G
BE 240	3-0-6	Speical Topics in Bioengineering	01	Ravichandran	TR 08:00 - 08:55	A	G
BE 250A	+	Research in Bioengineering	01	Gharib	A	A	P
			02	Phillips	A	A	P
			03	Hajimiri	A	A	P
			04	Burdick	A	A	P
			05	Dickinson	A	A	P
			06	Arnold	A	A	P
			07	Pine	A	A	P
			08	Mabuchi	A	A	P

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<b>BIOENGINEERING</b>							
BE 250A	+	Research in Bioengineering	09	Quartz	A	A	P
			10	Arnold	A	A	P
			11	Quake	A	A	P
			12	Tai	A	A	P
			13	Pierce	A	A	P
<b>BIOLOGY</b>							
Bi 002	2-0-4	Current Research in Biology	01	Revel	T 19:00 - 20:55	101 KRK	P
Bi 022	+	Undergraduate Research	01	Abelson	A	A	P
			02	Alberola-Ila	A	A	P
			03	Allman	A	A	P
			04	Baltimore	A	A	P
			05	Benzer	A	A	P
			06	Bjorkman	A	A	P
			07	Bronner-Fraser	A	A	P
			08	Campbell	A	A	P
			09	Chan	A	A	P
			10	Deshaies	A	A	P
			11	Fraser	A	A	P
			12	Hay	A	A	P
			13	Kennedy	A	A	P
			14	Koch	A	A	P
			15	Konishi	A	A	P
			16	Laurent	A	A	P
			17	Lester	A	A	P
			18	Lewis	A	A	P
			19	Mayo	A	A	P
			20	Meyerowitz	A	A	P
			21	Parker	A	A	P
			22	Patterson	A	A	P
			23	Revel	A	A	P
			24	Rothenberg	A	A	P

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<b>BIOLOGY</b>							
Bi 022	+	Undergraduate Research	25	Schuman	A	A	P
			26	Simon	A	A	P
			27	Sternberg	A	A	P
			28	Varshavsky	A	A	P
			29	Shimojo	A	A	P
			30	Wold	A	A	P
			31	Zinn	A	A	P
Bi 080	1-0-2	Biology Major Seminar	01	Revel / Schuman	M 12:00 - 12:55	151 BRN	P
Bi 090A	+	Undergraduate Thesis	01	Revel	A	A	P
Bi/Ch 110	4-0-8	Introduction to Biochemistry	01	Campbell	TR 11:00 - 11:55	147 NYS	
					W 14:00 - 15:55	147 NYS	
Bi 122	3-0-6	Genetics	01	Hay / Sternberg	TR 13:00 - 14:25	119 KRK	
Bi/Ch 132	3-0-6	Biophysics of Macromolecules	01	Barton / Beauchamp	TR 13:00 - 14:25	100 - Rock Auditorium BRD	
Bi 145	4-0-5	Anatomy and Physiology	01	Fraser	MW 19:00 - 20:25	119 KRK	
Bi/CNS 150	4-0-6	Neurobiology	01	Zinn / Kennedy	MWF 11:00 - 11:55	24 BBB	
ESE/Bi 166	3-0-6	Microbial Physiology	01	Leadbetter	A	142 KCK	
BMB/Bi/Ch 170	3-3-3	Principles of Three-Dimensional Protein Structure	01	Rees / Bjorkman	TR 10:30 - 11:55	100 - Rock Auditorium BRD	G
Bi 177	3-0-6	Principles of Modern Microscopy	01	Fraser	MW 13:30 - 14:55	100 - Rock Auditorium BRD	
Bi 180	2-8-2	Methods in Molecular Genetics	01	Bertani	MWF 13:00 - 13:55	101 KRK	P
					MWF 14:00 - 15:55	317 KRK	



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<b>BIOLOGY</b>							
CNS/Bi/Ph/CS 187	3-0-6	Neural Computation	01	Winfree	TR 10:30 - 11:55	080 MRE	G
Bi/CNS 217	2-0-4	Central Mechanisms in Perception	01	Allman	F 14:00 - 15:55	200 BRD	
Bi 227	2-6-4	Methods in Modern Microscopy	01	Fraser	M 15:00 - 15:55 F 14:00 - 15:55	A A	
Bi 250A	3-0-6	Topics in Molecular & Cellular Biology	01	Deshaies	TR 12:00 - 13:25	151 BRN	
Bi/BMB 251A	1-0-0	Current Research in Cellular and Molecular Biology	01	Deshaies / Hay	W 12:00 - 12:55	24 BBB	
Bi 270	+	Special Topics in Biology	01	Staff	A	A	
CNS/Bi 286A	+	Special Topics in Computation and Neural Systems	01	Staff	A	A	P
Bi 299	+	Graduate Research	01	Abelson	A	A	P
			02	Alberola-Ila	A	A	P
			03	Allman	A	A	P
			04	Anderson	A	A	P
			05	Arnold	A	A	P
			06	Attardi	A	A	P
			07	Baltimore	A	A	P
			08	Bjorkman	A	A	P
			09	Bronner-Fraser	A	A	P
			10	Campbell	A	A	P
			11	Chan	A	A	P
			12	Davidson	A	A	P
			13	Deshaies	A	A	P
			14	Dougherty	A	A	P
			15	Dunphy	A	A	P
			16	Fraser	A	A	P
			17	Hay	A	A	P

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<b>BIOLOGY</b>							
Bi 299	+	Graduate Research	18	Kennedy	A	A	P
			19	Konishi	A	A	P
			20	Laurent	A	A	P
			21	Lester	A	A	P
			22	Lewis	A	A	P
			23	Mayo	A	A	P
			24	Meyerowitz	A	A	P
			25	Newman	A	A	P
			26	Parker	A	A	P
			27	Patterson	A	A	P
			28	Perona	A	A	P
			29	Pine	A	A	P
			30	Koch	A	A	P
			31	Richards	A	A	P
			32	Rothenberg	A	A	P
			33	Schuman	A	A	P
			34	Shimojo	A	A	P
			35	Simon	A	A	P
			36	Sternberg	A	A	P
			37	Strauss	A	A	P
			38	Varshavsky	A	A	P
			39	Wold	A	A	P
			40	Zinn	A	A	P
			41	Jensen	A	A	P
			42	Rees	A	A	P
			43	Goddard	A	A	P
			44	Andersen	A	A	P
			45	Dickinson	A	A	P
			46	Leadbetter	A	A	P
			47	Winfree	A	A	P
			48	Quake	A	A	P
			49	Benzer	A	A	P
			50	Elowitz	A	A	P

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<b>BIOLOGY</b>							
Bi 299	+	Graduate Research	51	Gharib	A	A	P
<b>BUSINESS ECONOMICS &amp; MANAGEMENT</b>							
BEM101	3-0-6	Introduction to Accounting	01	DeFond	A	A	
BEM104	3-0-6	Investment Analysis	01	Staff	A	A	
BEM/Ec 146	3-0-6	Organization Design	01	Camerer	A	A	G
<b>CHEMICAL ENGINEERING</b>							
ChE063A	3-0-6	Chemical Engineering Thermodynamics	01	Flagan	MWF 15:00 - 15:55	106 SPL	G
ChE080	+	Undergraduate Research	01	Arnold	A	A	P
			02	Asthagiri	A	A	P
			03	Barton	A	A	P
			04	Beauchamp	A	A	P
			05	Bercaw	A	A	P
			06	Blake	A	A	P
			07	Brady	A	A	P
			08	Campbell	A	A	P
			09	Collier	A	A	P
			10	Davis	A	A	P
			11	Dervan	A	A	P
			12	Dougherty	A	A	P
			13	Flagan	A	A	P
			14	Gavalas	A	A	P
			15	Giapis	A	A	P
			16	Goddard	A	A	P
			17	Gray	A	A	P
			18	Grubbs	A	A	P

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<b>CHEMICAL ENGINEERING</b>							
ChE080	+	Undergraduate Research	19	Hsieh-Wilson	A	A	P
			20	Kornfield	A	A	P
			21	Kuppermann	A	A	P
			22	Lewis	A	A	P
			23	MacMillan	A	A	P
			24	Marcus	A	A	P
			25	Mayo	A	A	P
			26	McKoy	A	A	P
			27	Okumura	A	A	P
			28	Parker	A	A	P
			29	Peters	A	A	P
			30	Rees	A	A	P
			31	Richards	A	A	P
			32	Roberts	A	A	P
			33	Roberts	A	A	P
			34	Seinfeld	A	A	P
			35	Stoltz	A	A	P
			36	Tirrell	A	A	P
			37	Wang	A	A	P
			38	Weitekamp	A	A	P
39	Zewail	A	A	P			
40	Smolke	A	A	P			
ChE103A	3-0-6	Transport Phenomena	01	Vicic	MWF 09:00 - 09:55	106 SPL	G
ChE151A	3-0-9	Physical and Chemical Rate Processes	01	Kornfield	MWF 09:00 - 09:55	102 SPL	G
ChE152	3-0-6	Heterogeneous Kinetics and Reaction Engineering	01	Davis	MWF 14:00 - 14:55	106 SPL	G
ChE165	3-0-6	Chemical Thermodynamics	01	Smolke	TR 10:00 - 11:25	106 SPL	G

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<b>CHEMICAL ENGINEERING</b>							
ChE280	+	Chemical Engineering Research	01	Arnold	A	A	P
			02	Asthagiri	A	A	P
			03	Atwater	A	A	P
			04	Barton	A	A	P
			05	Bercaw	A	A	P
			06	Blake	A	A	P
			07	Brady	A	A	P
			08	Campbell	A	A	P
			09	Collier	A	A	P
			10	Davis	A	A	P
			11	Dervan	A	A	P
			12	Dougherty	A	A	P
			13	Flagan	A	A	P
			14	Fraser	A	A	P
			15	Gavalas	A	A	P
			16	Giapis	A	A	P
			17	Goddard	A	A	P
			18	Gray	A	A	P
			19	Grubbs	A	A	P
			20	Hsieh-Wilson	A	A	P
			21	Kornfield	A	A	P
			22	Kuppermann	A	A	P
			23	Lewis	A	A	P
			24	MacMillan	A	A	P
			25	Marcus	A	A	P
			26	Mayo	A	A	P
			27	McKoy	A	A	P
			28	Okumura	A	A	P
			29	Parker	A	A	P
			30	Peters	A	A	P
			31	Rees	A	A	P
			32	Richardson	A	A	P
			33	Roberts	A	A	P

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<b>CHEMICAL ENGINEERING</b>									
ChE280	+	Chemical Engineering Research	34	Roberts	A	A	P		
			35	Seinfeld	A	A	P		
			36	Stoltz	A	A	P		
			37	Tirrell	A	A	P		
			38	Wang	A	A	P		
			39	Weitekamp	A	A	P		
			40	Yung	A	A	P		
			41	Zewail	A	A	P		
			42	Heath	A	A	P		
			43	Smolke	A	A	P		
<b>CHEMISTRY</b>									
Ch 001A	3-0-3	General Chemistry	01	Lewis	MTR 11:00 - 11:55	22 GTS	P		
Ch 003A	0-5-1	Fundamental Techniques of Experimental Chemistry <i>Maximum enrollment: 20 students per section</i>	01	Raymond	M 08:00 - 09:55 M 13:00 - 15:55	107 MEAD	P		
			02	Raymond	T 08:00 - 09:55 T 13:00 - 15:55	107 MEAD	P		
			03	Raymond	W 08:00 - 09:55 W 13:00 - 15:55	107 MEAD	P		
			04	Raymond	R 08:00 - 09:55 R 13:00 - 15:55	107 MEAD	P		
			05	Raymond	F 08:00 - 09:55 F 13:00 - 15:55	107 MEAD	P		
Ch 004A	1-6-2	Synthesis and Analysis of Organic and Inorganic Compounds	01	Raymond	M 14:00 - 14:55	132 NYS	G		
					T 08:00 - 10:55	105 MEAD			
					R 08:00 - 10:55	105 MEAD			
			02	Raymond	M 14:00 - 14:55	132 NYS	G		
					T 08:00 - 10:55	105 MEAD			
					T 13:00 - 15:55	105 MEAD			
03	Raymond	M 14:00 - 14:55	132 NYS	G					
		T 08:00 - 10:55	105 MEAD						

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<b>CHEMISTRY</b>							
Ch 004A	1-6-2	Synthesis and Analysis of Organic and Inorganic Compounds	03	Raymond	W 13:00 - 15:55	105 MEAD	G
			04	Raymond	M 14:00 - 14:55	132 NYS	G
					T 08:00 - 10:55	105 MEAD	
					R 13:00 - 15:55	105 MEAD	
			05	Raymond	M 14:00 - 14:55	132 NYS	G
					R 08:00 - 10:55	105 MEAD	
					T 13:00 - 15:55	105 MEAD	
			06	Raymond	M 14:00 - 14:55	132 NYS	G
					R 08:00 - 10:55	105 MEAD	
					W 13:00 - 15:55	105 MEAD	
Ch 010A	2-0-1	Frontiers in Chemistry <i>Lab tour schedule will be decided during first meeting</i>	01	Barton / Grubbs	R 12:00 - 12:55	115 BCK	P
					R 13:00 - 13:55	115 BCK	
			02	Barton / Grubbs	R 12:00 - 12:55	115 BCK	P
					R 14:00 - 14:55	115 BCK	
Ch 014	2-0-4	Chemical Equilibrium	01	Richards / Brandow	TR 10:00 - 10:55	151 CRL	G
Ch 015	0-6-4	Chemical Equilibrium and Analysis Laboratory	01	Brandow	OM,T 14:00 - 14:55	122 GTS	G
Ch 021A	3-0-6	The Physical Description of Chemical Systems	01	McKoy	MWF 13:00 - 13:55	147 NYS	G

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<b>CHEMISTRY</b>							
Ch 041A	3-0-6	Organic Chemistry	01	Grubbs	MWF 09:00 - 09:55	153 NYS	
Ch 080	+	Chemical Research	01	Arnold	A	A	P
			02	Asthagiri	A	A	P
			03	Barton	A	A	P
			04	Beauchamp	A	A	P
			05	Bercaw	A	A	P
			06	Blake	A	A	P
			07	Brady	A	A	P
			08	Campbell	A	A	P
			09	Collier	A	A	P
			10	Davis	A	A	P
			11	Dervan	A	A	P
			12	Dougherty	A	A	P
			13	Flagan	A	A	P
			14	Gavalas	A	A	P
			15	Giapis	A	A	P
			16	Goddard	A	A	P
			17	Gray	A	A	P
			18	Grubbs	A	A	P
			19	Hsieh-Wilson	A	A	P
			20	Kornfield	A	A	P
			21	Kuppermann	A	A	P
			22	Lewis	A	A	P
			23	MacMillan	A	A	P
			24	Marcus	A	A	P
			25	Mayo	A	A	P
			26	McKoy	A	A	P
			27	Okumura	A	A	P
			28	Parker	A	A	P
			29	Peters	A	A	P
			30	Rees	A	A	P
			31	Richards	A	A	P



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Ch 080	+	Chemical Research	32	Roberts	A	A	P
			33	Roberts	A	A	P
			34	Seinfeld	A	A	P
			35	Stoltz	A	A	P
			36	Tirrell	A	A	P
			37	Wang	A	A	P
			38	Weitekamp	A	A	P
			39	Zewail	A	A	P
			40	Heath	A	A	P
			Ch 081	+	Independent Reading in Chemistry	01	Arnold
02	Asthagiri	A				A	P
03	Barton	A				A	P
04	Beauchamp	A				A	P
05	Bercaw	A				A	P
06	Blake	A				A	P
07	Brady	A				A	P
08	Campbell	A				A	P
09	Collier	A				A	P
10	Davis	A				A	P
11	Dervan	A				A	P
12	Dougherty	A				A	P
13	Flagan	A				A	P
14	Gavalas	A				A	P
15	Giapis	A				A	P
16	Goddard	A				A	P
17	Gray	A				A	P
18	Grubbs	A				A	P
19	Hsieh-Wilson	A				A	P
20	Kornfield	A				A	P
21	Kuppermann	A				A	P
22	Lewis	A				A	P
23	MacMillan	A				A	P
24	Marcus	A				A	P

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<b>CHEMISTRY</b>							
Ch 081	+	Independent Reading in Chemistry	25	Mayo	A	A	P
			26	McKoy	A	A	P
			27	Okumura	A	A	P
			28	Parker	A	A	P
			29	Peters	A	A	P
			30	Rees	A	A	P
			31	Richards	A	A	P
			32	Roberts	A	A	P
			33	Roberts	A	A	P
			34	Seinfeld	A	A	P
			35	Stoltz	A	A	P
			36	Tirrell	A	A	P
			37	Wang	A	A	P
			38	Weitekamp	A	A	P
			39	Zewail	A	A	P
			40	Brantley	A	A	P
Bi/Ch 110	4-0-8	Introduction to Biochemistry	01	Campbell	TR 11:00 - 11:55 W 14:00 - 15:55	147 NYS 147 NYS	
Ch 112	3-0-6	Inorganic Chemistry	01	Peters	TR 09:00 - 10:25	147 NYS	
Ch 120A	3-0-6	Nature of the Chemical Bond	01	Goddard	MWF 14:00 - 14:55	134 (Auditorium) BCK	
Ch 122A	3-0-6	Methods for the Determination of the Structure of Molecules	01	Day	MWF 10:00 - 10:55	115 BCK	G
Ch 125A	3-0-6	The Elements of Quantum Chemistry	01	Kuppermann	MWF 11:00 - 11:55	147 NYS	
Bi/Ch 132	3-0-6	Biophysics of Macromolecules	01	Barton / Beauchamp	TR 13:00 - 14:25	100 - Rock Auditorium BRD	
Ch 145	3-0-6	Bioorganic Chemistry of Proteins	01	Hsieh-Wilson / Dervan	TR 10:30 - 11:55	132 NYS	G

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>CHEMISTRY</b>							
BMB/Bi/Ch 170	3-3-3	Principles of Three-Dimensional Protein Structure	01	Rees / Bjorkman	TR 10:30 - 11:55	100 - Rock Auditorium BRD	G
ESE/Ge/Ch 172	3-0-6	Atmospheric Chemistry II <b>**Pending approval**</b>	01	Wennberg / Seinfeld	TR 10:30 - 11:55	142 KCK	
ESE/Ch/Ge 175A	3-0-6	Environmental Organic Chemistry	01	Dalleska	MWF 10:00 - 10:55	A	
Ch 180	+	Chemical Research	01	Arnold	A	A	P
			02	Asthagiri	A	A	P
			03	Barton	A	A	P
			04	Beauchamp	A	A	P
			05	Bercaw	A	A	P
			06	Blake	A	A	P
			07	Brady	A	A	P
			08	Campbell	A	A	P
			09	Collier	A	A	P
			10	Davis	A	A	P
			11	Dervan	A	A	P
			12	Dougherty	A	A	P
			13	Flagan	A	A	P
			14	Gavalas	A	A	P
			15	Giapis	A	A	P
			16	Goddard	A	A	P
			17	Gray	A	A	P
			18	Grubbs	A	A	P
			19	Hsieh-Wilson	A	A	P
			20	Kornfield	A	A	P
			21	Kuppermann	A	A	P
			22	Lewis	A	A	P
			23	MacMillan	A	A	P
			24	Marcus	A	A	P
			25	Mayo	A	A	P
			26	McKoy	A	A	P

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<b>CHEMISTRY</b>							
Ch 180	+	Chemical Research	27	Okumura	A	A	P
			28	Parker	A	A	P
			29	Peters	A	A	P
			30	Rees	A	A	P
			31	Richards	A	A	P
			32	Roberts	A	A	P
			33	Roberts	A	A	P
			34	Seinfeld	A	A	P
			35	Stoltz	A	A	P
			36	Tirrell	A	A	P
			37	Wang	A	A	P
			38	Weitekamp	A	A	P
			39	Zewail	A	A	P
Ch 213A	1-0-11	Advanced Ligand Field Theory	01	Gray	F 13:00 - 13:55	408 BCK	
Ch 242A	3-0-6	Chemical Synthesis <i>Tutorials: Thursdays 7-11PM</i>	01	Stoltz	MWF 09:00 - 09:55	147 NYS	
					R 19:00 - 22:55	147 NYS	
Ch 280	+	Chemical Research	01	Adkins	A	A	P
			02	Arnold	A	A	P
			03	Asthagiri	A	A	P
			04	Atwater	A	A	P
			05	Barton	A	A	P
			06	Beauchamp	A	A	P
			07	Bercaw	A	A	P
			08	Blake	A	A	P
			09	Brady	A	A	P
			10	Campbell	A	A	P
			11	Collier	A	A	P
			12	Davidson	A	A	P
			13	Davis	A	A	P
			14	Dervan	A	A	P
			15	Dougherty	A	A	P

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<b>CHEMISTRY</b>							
Ch 280	+	Chemical Research	16	Flagan	A	A	P
			17	Fraser	A	A	P
			18	Gavalas	A	A	P
			19	Giapis	A	A	P
			20	Goddard	A	A	P
			21	Gray	A	A	P
			22	Grubbs	A	A	P
			23	Heath	A	A	P
			24	Hsieh-Wilson	A	A	P
			25	Hoffmann	A	A	P
			26	Kornfield	A	A	P
			27	Kuppermann	A	A	P
			28	Lewis	A	A	P
			29	MacMillan	A	A	P
			30	Marcus	A	A	P
			31	Mayo	A	A	P
			32	McKoy	A	A	P
			33	Okumura	A	A	P
			34	Parker	A	A	P
			35	Peters	A	A	P
			36	Pierce	A	A	P
			37	Quake	A	A	P
			38	Rees	A	A	P
			39	Richards	A	A	P
			40	Roberts	A	A	P
			41	Roberts	A	A	P
			42	Seinfeld	A	A	P
			43	Stoltz	A	A	P
			44	Tirrell	A	A	P
			45	Wang	A	A	P
			46	Weitekamp	A	A	P
			47	Wennberg	A	A	P
			48	Zewail	A	A	P

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<b>CHEMISTRY</b>							
Ch 280	+	Chemical Research	49	Adami	A	A	P
<b>CIVIL ENGINEERING</b>							
CE 100	+	Special Topics in Civil Engineering	01	Staff	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin	MWF 10:00 - 10:55	101 GUG	G
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>Taught concurrently with AM/ME 65A</i>	01	Bhattacharya	TR 09:00 - 10:25	101 GUG	G
CE/Ae/AM 108A	3-0-6	Computational Mechanics	01	Hall	OM,M 15:00 - 15:55	210 TOM	
CE 124	3-0-6	Special Problems in Structures	01	Staff	A	A	
CE 130A	1-0-0	Civil Engineering Seminar	01	Staff	R 16:00 - 16:55	A	P
CE/Ge 181	3-0-6	Engineering Seismology	01	Heaton	OM,A	A	G
CE 200	+	Advanced Work in Civil Engineering	01	Staff	A	A	P
CE 201	+	Advanced Work in Structural Engineering	01	Staff	A	A	P
CE 202	+	Advanced Work in Soil Mechanics	01	Staff	A	A	P
CE 203	+	Advanced Work In Hydraulic Engineering	01	Staff	A	A	P
CE 300	+	Research in Civil Engineering	01	Beck	A	A	P
			02	Hall	A	A	P
			03	Heaton	A	A	P

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<b>CIVIL ENGINEERING</b>							
CE 300	+	Research in Civil Engineering	04	Iwan	A	A	P
			05	Staff	A	A	P
			06	Ortiz	A	A	P
			07	Raichlen	A	A	P
			08	Wennberg	A	A	P
<b>COMPUTATION &amp; NEURAL SYS</b>							
EE/CNS/CS 148	3-0-6	Selected Topics in Computational Vision	01	Perona	TR 10:30 - 11:55	A	
Bi/CNS 150	4-0-6	Neurobiology	01	Zinn / Kennedy	MWF 11:00 - 11:55	24 BBB	
CS/CNS/EE 156A	3-0-6	Learning Systems	01	Abu-Mostafa	TR 14:30 - 15:55	080 MRE	
CS/CNS 171	3-6-3	Introduction to Computer Graphics Laboratory	01	Barr	MWF 11:00 - 11:55	74 JRG	
CNS179	+	Reading in Computation and Neural Systems	01	Abu-Mostafa	A	A	P
			02	Adami	A	A	P
			03	Allman	A	A	P
			04	Andersen	A	A	P
			05	Bruck	A	A	P
			06	Burdick	A	A	P
			07	Chandy	A	A	P
			08	Fraser	A	A	P
			09	Koch	A	A	P
			10	Konishi	A	A	P
			11	Perona	A	A	P
			12	Psaltis	A	A	P
			13	Schuman	A	A	P
			14	Shimojo	A	A	P
			15	Sternberg	A	A	P
			16	Wold	A	A	P
			17	Winfrey	A	A	P

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<b>COMPUTATION &amp; NEURAL SYS</b>							
CNS180	+	Research in Computation and Neural Systems	01	Abu-Mostafa	A	A	P
			02	Adami	A	A	P
			03	Allman	A	A	P
			04	Andersen	A	A	P
			05	Arnold	A	A	P
			06	Burdick	A	A	P
			07	Chandy	A	A	P
			08	Dickinson	A	A	P
			09	Fraser	A	A	P
			10	Koch	A	A	P
			11	Konishi	A	A	P
			12	Laurent	A	A	P
			13	Perona	A	A	P
			14	Psaltis	A	A	P
			15	Quartz	A	A	P
			16	Schuman	A	A	P
			17	Shimojo	A	A	P
			18	Siapas	A	A	P
			19	Siapas	A	A	P
			20	Sternberg	A	A	P
			21	Winfree	A	A	P
			22	Wold	A	A	P
			23	Umans	A	A	P
			24	Elowitz	A	A	P
			25	Kennedy	A	A	P
CNS/Bi/Ph/CS 187	3-0-6	Neural Computation	01	Winfree	TR 10:30 - 11:55	080 MRE	G
Bi/CNS 217	2-0-4	Central Mechanisms in Perception	01	Allman	F 14:00 - 15:55	200 BRD	
CNS280	+	Research in Computation and Neural Systems	01	Abu-Mostafa	A	A	P
			02	Adami	A	A	P
			03	Allman	A	A	P



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<b>COMPUTATION &amp; NEURAL SYS</b>										
CNS280	+	Research in Computation and Neural Systems	04	Andersen	A	A	P			
			05	Bruck	A	A	P			
			06	Burdick	A	A	P			
			07	Chandy	A	A	P			
			08	Fraser	A	A	P			
			09	Koch	A	A	P			
			10	Konishi	A	A	P			
			11	Laurent	A	A	P			
			12	Lester	A	A	P			
			13	Perona	A	A	P			
			14	Lester	A	A	P			
			15	Quartz	A	A	P			
			16	Schuman	A	A	P			
			17	Shimojo	A	A	P			
			18	Siapas	A	A	P			
			19	Sternberg	A	A	P			
			20	Winfrey	A	A	P			
			21	Wold	A	A	P			
			22	Hajimiri	A	A	P			
			23	Dickinson	A	A	P			
			CNS/Bi 286A	+	Special Topics in Computation and Neural Systems	01	Staff	A	A	P
			<b>COMPUTER SCIENCE</b>							
			CS 001	3-4-2	Introduction to Computation	01	Brantley / Vanier	MW 14:00 - 14:55	22 GTS	P
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics	01	Berger	MWF 13:00 - 13:55	159 SLN				
CS 011	0-3-0	Computer Language Shop	01	Brantley / Vanier	OM,M 20:00 - 20:55	74 JRG				
EE/CS/Mu 017A	+	Projects in Music and Science	01	Boyk	OM,W 11:00 - 12:15	2c WINN	P			

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<b>COMPUTER SCIENCE</b>							
EE/CS 053	+	Microprocessor Projects Laboratory	01	George	OM,W 16:00 - 16:55	070 MRE	
EE/CS 054	+	Advanced Microprocessor Projects Laboratory	01	George	OM,W 16:00 - 16:55	070 MRE	
EE/CS 080A	9-0-0	Senior Thesis	01	Potter	A	A	G
			02	Winfree	A	A	G
CS 081A	+	Undergraduate Laboratory in Computer Science	01	Abu-Mostafa	A	A	P
			02	Barr	A	A	P
			03	Chandy	A	A	P
			04	DeHon	A	A	P
			05	George	A	A	P
			06	Hickey	A	A	P
			07	Low	A	A	P
			08	Martin	A	A	P
			09	Murray	A	A	P
			10	Perona	A	A	P
			11	Schroder	A	A	P
			12	Schulman	A	A	P
			13	Winfree	A	A	P
			14	Brantley	A	A	P
CS 090	+	Undergrad Research in Computer Science	01	Murray	A	A	P
			02	Brantley	A	A	P
			03	Perona	A	A	P
			04	Schroder	A	A	P
EE/CS 107A	+	Projects in Music and Science	01	Boyk	OM,W 11:00 - 12:15	2c WINN	P
Ma/CS 117A	3-0-6	Computability Theory	01	Rosendal	TR 11:00 - 12:25	257 SLN	
CS/EE/Ma 129A	3-0-6	Information and Complexity	01	Abu-Mostafa	MWF 15:00 - 15:55	070 MRE	

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<b>COMPUTER SCIENCE</b>							
CS 134A	3-3-3	Computing Systems	01	Hickey	MWF 15:00 - 15:55	74 JRG	
CS/EE 145A	3-3-3	Networking	01	Low	TR 10:30 - 11:55	74 JRG	
EE/CNS/CS 148	3-0-6	Selected Topics in Computational Vision	01	Perona	TR 10:30 - 11:55	A	
CS/CNS/EE 156A	3-0-6	Learning Systems	01	Abu-Mostafa	TR 14:30 - 15:55	080 MRE	
CS/CNS 171	3-6-3	Introduction to Computer Graphics Laboratory	01	Barr	MWF 11:00 - 11:55	74 JRG	
CS 180	+	Master's Thesis Research	01	Abu-Mostafa	A	A	P
			03	Barr	A	A	P
			04	Chandy	A	A	P
			05	DeHon	A	A	P
			06	George	A	A	P
			07	Hickey	A	A	P
			08	Low	A	A	P
			09	Martin	A	A	P
			10	Murray	A	A	P
			11	Perona	A	A	P
			12	Schroder	A	A	P
			13	Schulman	A	A	P
			14	Winfree	A	A	P
			15	Wold	A	A	P
			CS/EE 181A	3-6-3	VISI Design Laboratory	01	Martin
CNS/Bi/Ph/CS 187	3-0-6	Neural Computation	01	Winfree	TR 10:30 - 11:55	080 MRE	G
Ph/CS 219a	3-0-6	Quantum Computation	01	Kitaev	MW 09:00 - 10:25	107 DWN	

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<b>COMPUTER SCIENCE</b>							
CS 280	+	Research in Computer Science	01	Abu-Mostafa	A	A	P
			02	Barr	A	A	P
			03	Chandy	A	A	P
			04	DeHon	A	A	P
			05	George	A	A	P
			06	Hickey	A	A	P
			07	Low	A	A	P
			08	Martin	A	A	P
			09	Murray	A	A	P
			10	Perona	A	A	P
			11	Schroder	A	A	P
			12	Schulman	A	A	P
			13	Winfree	A	A	P
			14	Umans	A	A	P
CS 282A	+	Reading in Computer Science	01	Abu-Mostafa	A	A	P
			02	Barr	A	A	P
			03	Chandy	A	A	P
			04	DeHon	A	A	P
			05	George	A	A	P
			06	Hickey	A	A	P
			07	Low	A	A	P
			08	Martin	A	A	P
			09	Murray	A	A	P
			10	Perona	A	A	P
			11	Schroder	A	A	P
			12	Schulman	A	A	P
			13	Winfree	A	A	P
CS/EE/ME 75A	2-0-1	Introduction to Multi-Disciplinary Systems Engineering <b>** PENDING APPROVAL **</b>	01	Murray / Perona / Burdick / Brantley	OM,M 19:00 - 19:25	102 STL	
<b>CONTROL &amp; DYNAMICAL SYSTEMS</b>							

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<b>CONTROL &amp; DYNAMICAL SYSTEMS</b>							
CDS090A	0-0-9	Senior Thesis in Control and Dynamical Systems	01	Murray	OM,T 15:00 - 15:55	110 STL	G
CDS101	2-0-4	Principles of Feedback and Control	01	Murray	MF 14:00 - 14:55	74 JRG	
CDS110A	3-0-6	Introduction to Control of Physical Systems	01	Murray	MW 14:00 - 14:55	74 JRG	
CDS140A	3-0-6	Introduction to Dynamics	01	Mabuchi	TR 10:30 - 11:55	103 DWN	
CDS190	+	Independent Work in Control and Dynamical Systems	01	Staff	A	A	P
CDS201	3-0-6	Applied Operator Theory	01	Staff	TR 09:00 - 10:25	A	
CDS212	3-0-6	Introduction to Modern Control	01	Doyle	TR 13:00 - 14:55	125 STL	
CDS270	+	Advanced Topics in Systems and Control	01	Staff	A	A	
CDS280	+	Advanced Topics in Geometric Mechanics or Dynamical Systems Theory	01	Marsden	A	A	P
CDS300A	+	Research in Control and Dynamical Systems	01	Beck	A	A	P
			02	Burdick	A	A	P
			03	Doyle	A	A	P
			04	Fultz	A	A	P
			05	Koch	A	A	P
			06	Mabuchi	A	A	P
			07	Marsden	A	A	P
			08	Murray	A	A	P
			09	Perona	A	A	P
			10	Quartz	A	A	P
<b>CORE</b>							

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<b>CORE</b>							
Core001A	1-0-0	Science Writing <i>*The planning for the CORE 1A (Science Writing) course for Fa 2004-05 term is still underway and the course has not yet been scheduled.-- Please check back for periodical updates.</i>	01	Pierce	A	A	P
<b>ECONOMICS</b>							
Ec 011	3-0-6	Introduction to Economics	01	Plott	MWF 13:00 - 13:55	Lecture Hall BAX	
Ec 098A	+	Senior Research And Thesis	01 02	Dubin Komunjer	A A	A A	P P
Ec 101	3-0-6	Selected Topics in Economics	01	Staff	A	A	
Ec 116	3-0-6	Contemporary Socioeconomic Problems	01	Dubin	A	A	
Ec 121A	3-0-6	Theory of Value	01	Border	A	A	
Ec/SS 129	3-0-6	Economic History of the United States	01	Davis	MW 08:30 - 09:55	A	
BEM/Ec 146	3-0-6	Organization Design	01	Camerer	A	A	G
Ec/PS 160A	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260</i>	01	Plott	TR 08:30 - 09:55	218 BAX	
PS/Ec 173	3-0-6	Cooperation And Social Behavior	01	Echenique	A	A	
<b>ELECTRICAL ENGINEERING</b>							
APh/EE 009A	2-2-2	Solid-State Electronics for Integrated Circuits <i>Maximum enrollment: 80 students</i>	01	Scherer / Derose	R 10:00 - 10:55 F 13:00 - 13:55	070 MRE 070 MRE	G

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EE/CS/Mu 017A	+	Projects in Music and Science	01	Boyk	OM,W 11:00 - 12:15	2c WINN	P
EE 020A	3-3-3	Electronics Laboratory	01	Rutledge	TR 14:30 - 15:55	070 MRE	
EE/CS 053	+	Microprocessor Projects Laboratory	01	George	OM,W 16:00 - 16:55	070 MRE	
EE/CS 054	+	Advanced Microprocessor Projects Laboratory	01	George	OM,W 16:00 - 16:55	070 MRE	
EE/CS 080A	9-0-0	Senior Thesis	01	Potter	A	A	G
			02	Winfree	A	A	G
EE 091A	+	Experimental Projects in Electronic Circuits <i>Organizational Meetings: Tuesday 9/27 and Thursday 10/7</i>	01	Megdal	OM,TR 15:00 - 15:55	080 MRE	G
EE 099	+	Advanced Work in Electrical Engineering	01	Burdick	A	A	P
			02	George	A	A	P
			03	Perona	A	A	P
EE/CS 107A	+	Projects in Music and Science	01	Boyk	OM,W 11:00 - 12:15	2c WINN	P
EE 111	3-0-6	Signals, Systems and Transforms	01	Vaidyanathan	TR 13:00 - 14:25	070 MRE	G
EE 113	3-3-3	Feedback and Control Circuits	01	George	MW 14:30 - 15:55	080 MRE	
EE 114A	3-0-6	Analog Circuit Design	01	Hajimiri	WF 10:00 - 11:55	070 MRE	
Ph/EE 118	3-0-6	Low-Noise Electronic Measurement	01	Roukes	TF 14:30 - 15:55	107 DWN	
EE/Ma 126A	3-0-6	Information Theory	01	McEliece	MWF 09:00 - 09:55	080 MRE	

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<b>ELECTRICAL ENGINEERING</b>							
CS/EE/Ma 129A	3-0-6	Information and Complexity	01	Abu-Mostafa	MWF 15:00 - 15:55	070 MRE	
APh/EE 130A	3-0-6	Optical System Design	01	Yang / Psaltis	MW 13:00 - 14:25	080 MRE	G
CS/EE 145A	3-3-3	Networking	01	Low	TR 10:30 - 11:55	74 JRG	
EE/CNS/CS 148	3-0-6	Selected Topics in Computational Vision	01	Perona	TR 10:30 - 11:55	A	
CS/CNS/EE 156A	3-0-6	Learning Systems	01	Abu-Mostafa	TR 14:30 - 15:55	080 MRE	
EE/Ge 157A	3-0-6	Introduction To The Physics Of Remote Sensing	01	Van Zyl	A	A	
EE 162	3-0-6	Random Processes for Communication and Signal Processing	01	Arabshahi	MR 16:00 - 17:25	070 MRE	G
EE/BE 166	3-1-5	Optical Methods for Biomedical Imaging and Diagnosis	01	Yang	A	A	G
CS/EE 181A	3-6-3	VISI Design Laboratory	01	Martin	TR 13:15 - 14:45	74 JRG	
APh/EE 183A	3-0-6	Fundamentals of Electronic Devices	01	McGill	WF 14:00 - 15:25	104 WAT	G
EE 185	3-0-6	MEMS Technology & Devices	01	Tai	MW 13:00 - 14:25	070 MRE	
EE 191	+	Advanced Work in Electrical Engineering	01	Abu-Mostafa	A	A	P
			02	Barish	A	A	P
			03	Bruck	A	A	P
			04	Burdick	A	A	P
			05	Culick	A	A	P
			06	Doyle	A	A	P
			07	Effros	A	A	P



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<b>ELECTRICAL ENGINEERING</b>							
EE 191	+	Advanced Work in Electrical Engineering	08	Fraser	A	A	P
			09	George	A	A	P
			10	Gould	A	A	P
			11	Hajimiri	A	A	P
			12	Koch	A	A	P
			13	Low	A	A	P
			14	McEliece	A	A	P
			15	McGill	A	A	P
			16	Murray	A	A	P
			17	Perona	A	A	P
			18	Pine	A	A	P
			19	Psaltis	A	A	P
			20	Quake	A	A	P
			21	Rutledge	A	A	P
			22	Scherer	A	A	P
			23	Scoville	A	A	P
			24	Tai	A	A	P
25	Vaidyanathan	A	A	P			
26	Yariv	A	A	P			
27	Zmuidzinas	A	A	P			
EE 243A	3-0-3	Quantum Electronics Seminar	01	Yariv	A	A	P
EE 291	+	Advanced Work in Electrical Engineering	01	Abu-Mostafa	A	A	P
			02	Yang	A	A	P
			03	Bruck	A	A	P
			04	Burdick	A	A	P
			05	Staff	A	A	P
			06	Doyle	A	A	P
			07	Effros	A	A	P
			08	Staff	A	A	P
			09	Staff	A	A	P
			10	Martin	A	A	P

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<b>ELECTRICAL ENGINEERING</b>										
EE 291	+	Advanced Work in Electrical Engineering	11	Hajimiri	A	A	P			
			12	Koch	A	A	P			
			13	Low	A	A	P			
			14	McEliece	A	A	P			
			15	Staff	A	A	P			
			16	Murray	A	A	P			
			17	Perona	A	A	P			
			18	Staff	A	A	P			
			19	Staff	A	A	P			
			20	Staff	A	A	P			
			21	Staff	A	A	P			
			22	Quartz	A	A	P			
			23	Rutledge	A	A	P			
			24	Roukes	A	A	P			
			25	Scherer	A	A	P			
			26	Staff	A	A	P			
			27	Tai	A	A	P			
			28	Vaidyanathan	A	A	P			
			29	Yariv	A	A	P			
			30	Staff	A	A	P			
			31	Hassibi	A	A	P			
			32	Vahala	A	A	P			
			33	Painter	A	A	P			
			34	Avouac	A	A	P			
			35	DeHon	A	A	P			
			CS/EE/ME 75A	2-0-1	Introduction to Multi-Disciplinary Systems Engineering <b>** PENDING APPROVAL **</b>	01	Murray / Perona / Burdick / Brantley	OM,M 19:00 - 19:25	102 STL	
			<b>ENGINEERING</b>							
			E 010	1-0-2	Technical Seminar Presentations <b>Organizational Meeting: Tue. 7:30-8:30 pm --</b> <b>Maximum enrollment: 5 students per section</b>	01	Fender	OM,T 19:30 - 20:25 M 09:00 - 09:55	142 KCK	G
						02	Fender	OM,T 19:30 - 20:25	142 KCK	G

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<b>ENGINEERING</b>							
E 010	1-0-2	Technical Seminar Presentations <i>Organizational Meeting: Tue. 7:30-8:30 pm --</i> <i>Maximum enrollment: 5 students per section</i>	02	Fender	M 10:00 - 10:55	142 KCK	G
			03	Fender	OM,T 19:30 - 20:25	142 KCK	G
			04	Fender	M 11:00 - 11:55	142 KCK	
					OM,T 19:30 - 20:25	142 KCK	G
			05	Fender	W 09:00 - 09:55	142 KCK	
					OM,T 19:30 - 20:25	142 KCK	G
			06	Fender	W 10:00 - 10:55	142 KCK	
					OM,T 19:30 - 20:25	142 KCK	G
			07	Fender	W 11:00 - 11:55	142 KCK	
					OM,T 19:30 - 20:25	142 KCK	G
08	Fender	F 09:00 - 09:55	142 KCK				
		OM,T 19:30 - 20:25	142 KCK	G			
09	Fender	F 10:00 - 10:55	142 KCK				
		OM,T 19:30 - 20:25	142 KCK	G			
E/ME 105	3-0-6	Product Design	01	Pickar	TR 14:30 - 15:55	08 TOM	
					F 11:00 - 11:55	142 KCK	
E 150A	1-0-0	Engineering Seminar	01	Bhattacharya	A	A	P
<b>ENGLISH</b>							
En 001A	3-0-6	English as a Second Language	01	Geasland	TR 14:00 - 15:55	A	
En 001B	3-0-6	English as a Second Language	01	Fonseca	T 14:00 - 16:55	A	
En 050	3-0-6	Fundamentals of the Art of Poetry	01	Mandel	MTR 15:00 - 15:55	A	
En 087	3-0-6	Writing Fiction: The Imaginary <i>Maximum enrollment: 15 students per section</i>	01	Hall	TR 14:30 - 15:55	A	
En 128	3-0-6	Modern and Contemporary Irish Literature	01	Gilmartin	T 19:00 - 21:55	A	

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<b>ENGLISH</b>							
En 134	3-0-6	The Career of Herman Melville	01	Weinstein	OM,T 10:00 - 10:25	A	
En 181A	3-0-6	Classics of Science Fiction: 1940-70 <i>Maximum enrollment: 25 students</i>	01	Sutherland	OM,M 10:00 - 10:25	A	
			02	Sutherland	OM,M 11:00 - 11:55	A	
En 181B	+	Reading in the Renaissance: Texts and Practices	01	Staff	A	A	P
<b>ENGLISH AS A SECOND LANGUAGE</b>							
ESL101A	3-0-0	Oral Communication And Pronunciation	01	Laib	MW 17:00 - 18:55	A	P
ESL101B	3-0-0	Oral Communication And Pronunciation	01	Geasland	TR 17:00 - 18:55	A	P
<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
ESE090	+	Undergraduate Laboratory Research in Environmental Science and Engineering	01	Randerson	A	A	P
			02	Flagan	A	A	P
			03	Hering	A	A	P
			04	Hoffmann	A	A	P
			05	Ingersoll	A	A	P
			06	Adkins	A	A	P
			07	Newman	A	A	P
			08	Leadbetter	A	A	P
			09	Seinfeld	A	A	P
			10	Wennberg	A	A	P
			11	Yung	A	A	P
			12	Schneider	A	A	P
ESE100	+	Special Topics in Environmental Science and Engineering	01	Randerson	A	A	P
			02	Flagan	A	A	P
			03	Hering	A	A	P
			04	Hoffmann	A	A	P
			05	Ingersoll	A	A	P
			06	Adkins	A	A	P

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<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
ESE100	+	Special Topics in Environmental Science and Engineering	07	Newman	A	A	P
			08	Leadbetter	A	A	P
			09	Seinfeld	A	A	P
			10	Wennberg	A	A	P
			11	Yung	A	A	P
			12	Schneider	A	A	P
ESE101	3-0-0	Current Problems in Environmental Science and Engineering	01	Staff	T 09:00 - 09:55 R 08:30 - 09:55	151 ARM 111 KCK	P
ACM/ESE 118	3-0-6	Methods in Applied Statistics and Data Analysis	01	Schneider	TR 10:30 - 11:55	155 ARM	
ESE144	3-0-6	Applications of Aquatic Chemistry	01	Hering	TR 13:30 - 14:55	111 KCK	
ESE/Ge 148A	3-0-6	Global Environmental Science: Climate Change	01	Wennberg	MWF 14:00 - 14:55	162 SMD	
ESE150A	1-0-0	Seminar in Environmental Science and Engineering	01	Leadbetter	W 16:00 - 16:55	142 KCK	P
ESE/Bi 166	3-0-6	Microbial Physiology	01	Leadbetter	A	142 KCK	
ESE/Ge/Ch 172	3-0-6	Atmospheric Chemistry II <b>**Pending approval**</b>	01	Wennberg / Seinfeld	TR 10:30 - 11:55	142 KCK	
ESE/Ge 173	3-0-6	Topics in Atmosphere and Ocean Dynamics	01	Ingersoll / Schneider	F 10:00 - 11:55	151 ARM	
ESE/Ch/Ge 175A	3-0-6	Environmental Organic Chemistry	01	Dalleska	MWF 10:00 - 10:55	A	
ESE200	+	Advanced Topics in Environmental Science and Engineering	01	Randerson	A	A	P
			02	Flagan	A	A	P
			03	Hering	A	A	P
			04	Hoffmann	A	A	P
			05	Ingersoll	A	A	P

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<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
ESE200	+	Advanced Topics in Environmental Science and Engineering	06	Adkins	A	A	P
			07	Newman	A	A	P
			08	Leadbetter	A	A	P
			09	Seinfeld	A	A	P
			10	Wennberg	A	A	P
			11	Yung	A	A	P
			12	Schneider	A	A	P
ESE250	+	Advanced Environmental Seminar	01	Randerson	A	A	P
			02	Flagan	A	A	P
			03	Hering	A	A	P
			04	Hoffmann	A	A	P
			05	Ingersoll	A	A	P
			06	Adkins	A	A	P
			07	Newman	A	A	P
			08	Leadbetter	A	A	P
			09	Seinfeld	A	A	P
			10	Wennberg	A	A	P
			11	Yung	A	A	P
			12	Schneider	A	A	P
ESE300	+	Thesis Research	01	Randerson	A	A	P
			02	Flagan	A	A	P
			03	Hering	A	A	P
			04	Hoffmann	A	A	P
			05	Ingersoll	A	A	P
			06	Adkins	A	A	P
			07	Newman	A	A	P
			08	Leadbetter	A	A	P
			09	Seinfeld	A	A	P
			10	Wennberg	A	A	P
			11	Yung	A	A	P
			12	Schneider	A	A	P

**GEOLOGY**

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<b>GEOLOGY</b>							
Ge 011A	3-3-3	Introduction to Earth and Planetary Sciences: Earth as a Planet	01	Eiler	OM,M 09:00 - 09:25	A	
Ge 041A	+	Undergraduate Research and Bachelor's Thesis	01	Rossmann	A	A	P
			02	Kirschvink	A	A	P
			03	Kanamori	A	A	P
			04	Saleeby	A	A	P
			05	Sieh	A	A	P
			06	Stevenson	A	A	P
			07	Stock	A	A	P
			08	Murray	A	A	P
Ge 100A	1-0-0	Geology Club	01	Kirschvink	R 16:00 - 16:55	A	
Ge 101	4-0-8	Introduction to Geology and Geochemistry	01	Asimow	TR 13:00 - 14:55	A	
Ge 108	3-0-6	Applications of Physics to the Earth Science	01	Ingersoll	OM,M 09:00 - 09:25	A	
Ge 112	3-5-4	Geomorphology and Stratigraphy	01	Sieh	T 13:00 - 13:55 R 13:00 - 14:55 F 12:00 - 14:55	A A A	
Ge 114A	3-4-2	Mineralogy	01	Rossmann	MR 15:00 - 15:55 W 19:00 - 21:55	A A	
Ge 114B	0-2-1	Mineralogy	01	Rossmann	A A	A A	
Ge 121A	0-9-3	Advanced Field and Structural Geology	01	Saleeby	OM,M 10:00 - 10:25	A	
Ge/Ay 133	3-0-6	The Formation, Evolution, and Detection of Planetary Systems	01	Brown	MWF 11:00 - 11:55	A	
Ge 136A	1-0-2	Regional Field Geology of the Southwestern United States	01	Kirschvink	OM,M 09:30 - 09:55	A	P

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<b>GEOLOGY</b>							
ESE/Ge 148A	3-0-6	Global Environmental Science: Climate Change	01	Wennberg	MWF 14:00 - 14:55	162 SMD	
EE/Ge 157A	3-0-6	Introduction To The Physics Of Remote Sensing	01	Van Zyl	A	A	
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids	01	Rosakis	TR 10:30 - 11:55	A	G
Ge 161	3-0-6	Plate Tectonics	01	Avouac	MTW 09:00 - 09:55	A	
Ge 167	3-0-6	Planetary Physics	01	Sari	A	A	
ESE/Ge/Ch 172	3-0-6	Atmospheric Chemistry II <b>**Pending approval**</b>	01	Wennberg / Seinfeld	TR 10:30 - 11:55	142 KCK	
ESE/Ge 173	3-0-6	Topics in Atmosphere and Ocean Dynamics	01	Ingersoll / Schneider	F 10:00 - 11:55	151 ARM	
ESE/Ch/Ge 175A	3-0-6	Environmental Organic Chemistry	01	Dalleska	MWF 10:00 - 10:55	A	
Ge 179A	1-0-0	Seismological Laboratory Seminar	01	Helmberger	F 16:00 - 16:55	A	P
CE/Ge 181	3-0-6	Engineering Seismology	01	Heaton	OM,A	A	G
Ge 225A	1-0-0	Planetary Sciences Seminar	01	Aharonson	T 16:00 - 16:55	A	P
Ae/Ge/ME 266A	3-0-6	Dynamic Fracture and Frictional Faulting	01	Lapusta	MW 13:30 - 14:55	306 TOM	
Ge 282A	1-0-0	Division Seminar	01	Tromp	M 16:00 - 16:55	A	P
Ge 297	+	Advanced Study	01	Adkins	A	A	P
			02	Ahrens	A	A	P



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Ge 297	+	Advanced Study	03	Albee	A	A	P
			04	Asimow	A	A	P
			05	Blake	A	A	P
			06	Brown	A	A	P
			07	Clayton	A	A	P
			08	Eiler	A	A	P
			09	Farley	A	A	P
			10	Goldreich	A	A	P
			11	Gurnis	A	A	P
			12	Heaton	A	A	P
			13	Helmberger	A	A	P
			14	Ingersoll	A	A	P
			15	Kanamori	A	A	P
			16	Kirschvink	A	A	P
			17	Kulkarni	A	A	P
			18	Murray	A	A	P
			19	Newman	A	A	P
			20	Randerson	A	A	P
			21	Richardson	A	A	P
			22	Rosakis	A	A	P
			23	Rossmann	A	A	P
			24	Saleeby	A	A	P
			25	Sieh	A	A	P
			26	Simons	A	A	P
			27	Stevenson	A	A	P
			28	Stock	A	A	P
			29	Stolper	A	A	P
			30	Taylor	A	A	P
			31	Tromp	A	A	P
			32	Wasserburg	A	A	P
			33	Wennberg	A	A	P
			34	Wernicke	A	A	P
			35	Westphal	A	A	P

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Ge 297	+	Advanced Study	36	Yung	A	A	P
			37	Avouac	A	A	P
			38	Lapusta	A	A	P
			39	Aharonson	A	A	P
			40	Murray	A	A	P
			41	Newman	A	A	P
Ge 299	+	Thesis Research	01	Adkins	A	A	P
			02	Ahrens	A	A	P
			03	Albee	A	A	P
			04	Asimow	A	A	P
			05	Blake	A	A	P
			06	Brown	A	A	P
			07	Clayton	A	A	P
			08	Eiler	A	A	P
			09	Farley	A	A	P
			10	Goldreich	A	A	P
			11	Heaton	A	A	P
			12	Helmberger	A	A	P
			13	Ingersoll	A	A	P
			14	Kanamori	A	A	P
			15	Kirschvink	A	A	P
			16	Murray	A	A	P
			17	Newman	A	A	P
			18	Richardson	A	A	P
			19	Rosakis	A	A	P
			20	Rosman	A	A	P
			21	Rosman	A	A	P
			22	Saleeby	A	A	P
			23	Sieh	A	A	P
			24	Simons	A	A	P
			25	Stevenson	A	A	P
			26	Stock	A	A	P
			27	Stolper	A	A	P

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<b>GEOLOGY</b>							
Ge 299	+	Thesis Research	28	Taylor	A	A	P
			29	Tromp	A	A	P
			30	Wasserburg	A	A	P
			31	Wennberg	A	A	P
			32	Wernicke	A	A	P
			33	Westphal	A	A	P
			34	Yung	A	A	P
			35	Aharonson	A	A	P
			36	Lapusta	A	A	P
<b>HISTORY</b>							
H 040	+	Reading in History	01	Lee	A	A	P
			02	Buchwald	A	A	P
H 097A	+	Junior Tutorial	01	Deverell	A	A	P
H 098A	+	Senior Tutorial	01	Staff	A	A	P
H 099A	+	Research Tutorial	01	Brown	A	A	P
			03	Hoffman	A	A	P
HPS/H 160B	3-0-6	Einstein and His Generation: The History of Modern Physical Sciences	01	Staff	TR 14:30 - 15:55	A	
H 161	3-0-6	Selected Topics in History	01	Staff	A	A	
<b>HISTORY AND PHILOSOPHY OF SCIENCE</b>							
HPS/PI 122	3-0-6	Confirmation and Inductions	01	Hajek	TR 13:00 - 14:25	A	
HPS/H 160B	3-0-6	Einstein and His Generation: The History of Modern Physical Sciences	01	Staff	TR 14:30 - 15:55	A	
<b>JET PROPULSION</b>							

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<b>JET PROPULSION</b>							
Ae/JP 103A	3-0-6	Propulsion, Dynamics, and Control of Aircraft	01	Krok	TR 10:30 - 11:55	308 FIR	G
<b>LANGUAGES</b>							
L 102A	3-1-6	Elementary French	01	Orcel	OM,M 14:00 - 14:55	A	
L 103A	3-0-6	Intermediate French	01	De Bedts	OM,M 15:00 - 15:55	A	
L 104	3-0-6	French Cinema	01	Orcel	OM,M 15:00 - 15:55	A	
L 106A	5-1-4	Elementary Japanese	01	Toner	MTWRF 14:00 - 14:55	A	G
			02	Toner	MTWRF 15:00 - 15:55	A	G
L 107A	5-1-4	Intermediate Japanese	01	Hirata	MTWRF 14:00 - 14:55	A	G
L 108A	3-1-6	Advanced Japanese	01	Hirata	TRF 11:00 - 11:55	A	G
L 110A	3-1-6	Elementary Spanish	01	Garcia	OM,M 12:00 - 12:55	A	
			02	Arjona	OM,T 04:00 - 04:55	A	
L 112A	3-0-6	Intermediate Spanish	01	Arjona	OM,T 17:00 - 17:55	A	
L 114A	3-0-6	Spanish Literature	01	Garcia	OM,M 19:00 - 19:55	A	
L 121A	3-0-6	Elementary Latin	01	Pigman	MWF 15:00 - 15:55	A	
L 130A	3-1-6	Elementary German	01	Aebi	MWR 13:00 - 13:55	A	
L 132A	3-0-6	Intermediate German	01	Washburn	OM,M 13:00 - 13:55	A	

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>LANGUAGES</b>							
L 140A	3-0-6	German Literature	01	Aebi	MWR 14:00 - 14:55	A	
L 160A	3-0-6	German Literature in Translation	01	Washburn	OM,M 14:00 - 14:25	A	
L 170A	4-1-5	Introduction to Chinese	01	Wang	MWR 19:00 - 19:55	A	
L 171A	4-1-5	Elementary Chinese	01	Wang	MWR 20:00 - 20:55	A	
L 172A	4-1-5	Intermediate Chinese	01	Ming	MTW 19:00 - 19:55	A	
L 173A	3-1-6	Advanced Chinese	01	Ming	MW 08:10 - 09:35	A	
<b>LAW</b>							
Law135	3-0-6	Law and Politics <b>**PENDING APPROVAL**</b>	01	Staff	A	A	
<b>MATERIALS SCIENCE</b>							
MS 078A	+	Senior Thesis	01	Staff	A	A	P
MS 100	+	Advanced Work in Materials Science	01	Ahn	A	A	P
			02	Atwater	A	A	P
			03	Colonus	A	A	P
			04	Fultz	A	A	P
			05	Goddard	A	A	P
			06	Haile	A	A	P
			07	Johnson	A	A	P
			08	Kornfield	A	A	P
			09	Lange	A	A	P
			10	Ustundag	A	A	P

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<b>MATERIALS SCIENCE</b>							
MS 110A	1-0-0	Materials Research Lectures	01	Atwater	W 16:00 - 16:55	A	
MS 115A	3-0-6	Fundamentals of Materials Science <b>**Formerly MS 015**</b>	01	Fultz	MWF 13:00 - 13:55	142 KCK	
MS 131	3-0-6	Structure and Bonding in Materials	01	Goddard	A	A	
MS 200	+	Advanced Work in Materials Science	01	Ahn	A	A	P
			02	Atwater	A	A	P
			03	Colonus	A	A	P
			04	Fultz	A	A	P
			05	Goddard	A	A	P
			06	Haile	A	A	P
			07	Johnson	A	A	P
			08	Kornfield	A	A	P
			09	Lange	A	A	P
			10	Ustundag	A	A	P
			11	Asimow	A	A	P
			12	Cross	A	A	P
MS 300	+	Thesis Research	01	Ahn	A	A	P
			02	Atwater	A	A	P
			03	Asimow	A	A	P
			04	Fultz	A	A	P
			05	Goddard	A	A	P
			06	Haile	A	A	P
			07	Johnson	A	A	P
			08	Kornfield	A	A	P
			09	Lange	A	A	P
			10	Ustundag	A	A	P
			11	McGill	A	A	P
			12	Cross	A	A	P
<b>MATHEMATICS</b>							

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<b>MATHEMATICS</b>							
Ma 001A	4-0-5	Calculus of One and Several Variables and Linear Algebra <i>Maximum Enrollment: 17 students per section</i>	01	Staff	MTWF 10:00 - 10:55 R 19:30 - 20:55	257 SLN 153 SLN	P
			02	Schlag	MWF 10:00 - 10:55 R 10:00 - 10:55	LecHall BAX 253b SLN	P
			03	Schlag	MWF 10:00 - 10:55 R 10:00 - 10:55	LecHall BAX 11 DWN	P
			04	Schlag	MWF 10:00 - 10:55 R 10:00 - 10:55	LecHall BAX 119 DWN	P
			05	Schlag	MWF 10:00 - 10:55 R 10:00 - 10:55	LecHall BAX 22 GTS	P
			06	Schlag	MWF 10:00 - 10:55 R 10:00 - 10:55	LecHall BAX 27 GTS	P
			07	Schlag	MWF 10:00 - 10:55 R 13:00 - 13:55	LecHall BAX 151 SLN	P
			08	Schlag	MWF 10:00 - 10:55 R 13:00 - 13:55	LecHall BAX 153 SLN	P
			09	Schlag	MWF 10:00 - 10:55 R 13:00 - 13:55	LecHall BAX 159 SLN	P
			10	Schlag	MWF 10:00 - 10:55 R 13:00 - 13:55	LecHall BAX 253b SLN	P
			11	Schlag	MWF 10:00 - 10:55 R 13:00 - 13:55	LecHall BAX 257 SLN	P
			12	Schlag	MWF 10:00 - 10:55 R 13:00 - 13:55	LecHall BAX 103 DWN	P
			13	Schlag	MWF 10:00 - 10:55 R 13:00 - 13:55	LecHall BAX 107 DWN	P
Ma 002A	4-0-5	Probability, Statistics, and Differential Equations <i>There will not be separate Practical &amp; Analytical Tracks for this course. Maximum enrollment: 17 students per section</i>	01	Lorden	MWF 10:00 - 10:55 R 10:00 - 10:55	22 GTS 159 SLN	G
			02	Lorden	MWF 10:00 - 10:55 R 10:00 - 10:55	22 GTS 257 SLN	G
			03	Lorden	MWF 10:00 - 10:55 R 10:00 - 10:55	22 GTS 119 KRK	G
			04	Lorden	MWF 10:00 - 10:55	22 GTS	G

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<b>MATHEMATICS</b>							
Ma 002A	4-0-5	Probability, Statistics, and Differential Equations <i>There will not be separate Practical &amp; Analytical Tracks for this course. Maximum enrollment: 17 students per section</i>	04	Lorden	R 10:00 - 10:55	123 LAU	G
			05	Lorden	MWF 10:00 - 10:55	22 GTS	G
			06	Lorden	R 10:00 - 10:55	A	
					MWF 10:00 - 10:55	22 GTS	G
			07	Lorden	R 10:00 - 10:55	A	
					MWF 10:00 - 10:55	22 GTS	G
			08	Lorden	R 14:00 - 14:55	153 SLN	
					MWF 10:00 - 10:55	22 GTS	G
			09	Lorden	R 14:00 - 14:55	159 SLN	
					MWF 10:00 - 10:55	22 GTS	G
			10	Lorden	R 14:00 - 14:55	253b SLN	
					MWF 10:00 - 10:55	22 GTS	G
			11	Lorden	R 14:00 - 14:55	257 SLN	
MWF 10:00 - 10:55	22 GTS	G					
12	Lorden	R 14:00 - 14:55	107 DWN				
		MWF 10:00 - 10:55	22 GTS	G			
13	Lorden	R 14:00 - 14:55	11 DWN				
		MWF 10:00 - 10:55	22 GTS	G			
					R 14:00 - 14:55	119 DWN	
Ma 005A	3-0-6	Introduction to Abstract Algebra	01	Aschbacher	MWF 09:00 - 09:55	151 SLN	
Ma/CS 006A	3-0-6	Introduction to Discrete Mathematics	01	Berger	MWF 13:00 - 13:55	159 SLN	
Ma 008A	3-0-0	Problem Solving in Calculus	01	Staff	OM,M 14:00 - 14:25	253b SLN	
Ma 010	2-0-1	Oral Presentation	01	Staff	W 14:00 - 15:55	151 SLN	
Ma 017	2-0-2	How to Solve It	01	Staff	OM,M 11:00 - 11:25	253b SLN	P
Ma 092A	+	Senior Thesis	01	Aschbacher	A	A	P
			02	Baranovsky	A	A	P



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<b>MATHEMATICS</b>										
Ma 092A	+	Senior Thesis	03	Bromberg	A	A	P			
			04	Clemens	A	A	P			
			05	Denissov	A	A	P			
			06	Schulman	A	A	P			
			07	Flach	A	A	P			
			08	Grinshpan	A	A	P			
			09	Kechris	A	A	P			
			10	Lorden	A	A	P			
			11	Ramakrishnan	A	A	P			
			12	Schlag	A	A	P			
			13	Simon	A	A	P			
			14	Wales	A	A	P			
			15	Wilson	A	A	P			
			Ma 098	+	Independent Reading <i>3 or 6 units</i>	01	Aschbacher	A	A	P
						02	Baranovsky	A	A	P
03	Bromberg	A				A	P			
04	Clemens	A				A	P			
05	Denissov	A				A	P			
06	Goins	A				A	P			
07	Flach	A				A	P			
08	Grinshpan	A				A	P			
09	Kechris	A				A	P			
10	Lorden	A				A	P			
11	Ramakrishnan	A				A	P			
12	Schlag	A				A	P			
13	Simon	A				A	P			
14	Wales	A				A	P			
15	Wilson	A				A	P			
16	Chan	A				A	P			
Ma 108A	3-0-6	Classical Analysis	01	Strahov	MWF 11:00 - 11:55	151 SLN				

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<b>MATHEMATICS</b>							
Ma 109A	3-0-6	Introduction to Geometry and Topology	01	Staff	MWF 10:00 - 10:55	159 SLN	
Ma 110A	3-0-6	Real and Complex Analysis	01	Goldberg	MWF 11:00 - 11:55	159 SLN	
Ma 112A	3-0-6	Statistics	01	Lorden	TR 14:30 - 15:55	151 SLN	
Ma/CS 117A	3-0-6	Computability Theory	01	Rosendal	TR 11:00 - 12:25	257 SLN	
Ma 120A	3-0-6	Abstract Algebra	01	Flach	MWF 09:00 - 09:55	159 SLN	
Ma 121A	3-0-6	Combinatorial Analysis	01	Wilson	MTR 15:00 - 15:55	159 SLN	
EE/Ma 126A	3-0-6	Information Theory	01	McEliece	MWF 09:00 - 09:55	080 MRE	
CS/EE/Ma 129A	3-0-6	Information and Complexity	01	Abu-Mostafa	MWF 15:00 - 15:55	070 MRE	
Ma/ACM 142A	3-0-6	Ordinary and Partial Differential Equations	01	Goldberg	TR 11:00 - 12:25	153 SLN	
Ma 147A	3-0-6	Dynamical Systems	01	Staff	MW 14:00 - 15:25	153 SLN	
Ma 151A	3-0-6	Topology and Geometry	01	Dunfield	MWF 10:00 - 10:55	153 SLN	
Ma 160A	3-0-6	Number Theory	01	Oh	W 14:00 - 15:25 F 13:30 - 14:55	151 SLN 151 SLN	
Ma 162A	3-0-6	Topics in Number Theory	01	Staff	MW 14:00 - 15:25	257 SLN	
Ma 191A	3-0-6	R-trees in Group Theory and Topology	01	Groves	MW 15:30 - 16:55	257 SLN	

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<b>MATHEMATICS</b>							
Ma 192A	3-0-6	Geometry of Graphs and Groups	01	Manning	TR 11:00 - 12:25	153 SLN	
Ma 193A	3-0-6	Topics in Logic and Dynamical Systems	01	Kechris	OM,M 13:00 - 13:25	253b SLN	
Ma 290	+	Reading	01	Aschbacher	A	A	P
			02	Baranovsky	A	A	P
			03	Bromberg	A	A	P
			04	Clemens	A	A	P
			05	Denissov	A	A	P
			06	Dunfield	A	A	P
			07	Flach	A	A	P
			08	Grinshpan	A	A	P
			09	Kechris	A	A	P
			10	Lorden	A	A	P
			11	Ramakrishnan	A	A	P
			12	Schlag	A	A	P
			13	Simon	A	A	P
			14	Wales	A	A	P
			15	Wilson	A	A	P
			16	Goins	A	A	P
			17	Calegari	A	A	P
Ma 316A	+	Seminar in Mathematical Logic	01	Kechris	A	A	
Ma 324A	+	Seminar in Combinatorics	01	Wilson	A	A	
Ma 325A	+	Seminar in Algebra	01	Aschbacher / Wales	A	A	
Ma 345A	+	Seminar in Analysis	01	Makarov / Schlag / Borodin / Kaloshin	A	A	
Ma 348A	+	Seminar in Mathematical Physics	01	Simon	A	A	

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<b>MATHEMATICS</b>							
Ma 351A	+	Seminar in Topology	01	Calegari / Dunfield / Oh	A	A	
Ma 360A	+	Seminar in Number Theory	01	Ramakrishnan / Flach	A	A	
Ma 390	+	Research	01	Aschbacher	A	A	P
			02	Baranovsky	A	A	P
			03	Marsden	A	A	P
			04	Clemens	A	A	P
			05	Denissov	A	A	P
			06	Flach	A	A	P
			07	Grinshpan	A	A	P
			08	Kechris	A	A	P
			09	Lorden	A	A	P
			10	Makarov	A	A	P
			11	Ramakrishnan	A	A	P
			12	Schlag	A	A	P
			13	Simon	A	A	P
			14	Wales	A	A	P
			15	Wilson	A	A	P
			16	Dunfield	A	A	P
Ma 392	+	Research Conference	01	Staff	A	A	P
<b>MECHANICAL ENGINEERING</b>							
ME 018A	3-0-6	Thermodynamics	01	Goodwin	MWF 09:00 - 09:55	206 TOM	
ME 019A	3-0-6	Fluid Mechanics and Gasdynamics	01	Brennen	TR 10:30 - 11:55	08 TOM	
AM/ME 035A	3-0-6	Statics and Dynamics	01	Ortiz	MWF 14:00 - 14:55	206 TOM	G

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<b>MECHANICAL ENGINEERING</b>							
AM/ME 065	3-0-6	Mechanics of Materials <i>Taught concurrently with Ae/AMCE/ME 102A</i>	01	Ravichandran	TR 09:00 - 10:25	101 GUG	
ME 072	3-10-2	Engineering Design Laboratory	01	Burdick	TR 13:00 - 14:25	306 TOM	G
ME 090A	0-0-9	Senior Thesis, Experimental	01	Hunt	A	A	G
ME 091A	0-0-9	Senior Thesis, Analytical	01	Hunt	A	A	G
ME 100	+	Advanced Work in Mechanical Engineering	01	Antonsson	A	A	P
			02	Brennen	A	A	P
			03	Burdick	A	A	P
			04	Cham	A	A	P
			05	Colonius	A	A	P
			06	Culick	A	A	P
			07	Hunt	A	A	P
			08	Murray	A	A	P
			09	Phillips	A	A	P
			10	Staff	A	A	P
Ae/APh/CE/ME 101A	3-0-6	Fluid Mechanics	01	Pullin	MWF 10:00 - 10:55	101 GUG	G
Ae/AM/CE/ME 102A	3-0-6	Mechanics of Structures and Solids <i>Taught concurrently with AM/ME 65A</i>	01	Bhattacharya	TR 09:00 - 10:25	101 GUG	G
E/ME 105	3-0-6	Product Design	01	Pickar	TR 14:30 - 15:55	08 TOM	
ME 110	+	Special Laboratory Work in Mechanical Engineering	01	Antonsson	A	A	P
			02	Brennen	A	A	P
			03	Burdick	A	A	P
			04	Cham	A	A	P
			05	Colonius	A	A	P
			06	Culick	A	A	P

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<b>MECHANICAL ENGINEERING</b>							
ME 110	+	Special Laboratory Work in Mechanical Engineering	07	Hunt	A	A	P
			08	Murray	A	A	P
			09	Phillips	A	A	P
ME 118	3-0-6	Thermodynamics ** <i>PENDING APPROVAL</i> **	01	Hunt	MWF 13:00 - 13:55	010 TOM	
Ae/Ge/ME 160A	3-0-6	Continuum Mechanics of Fluids and Solids	01	Rosakis	TR 10:30 - 11:55	A	G
ME 200	+	Advanced Work in Mechanical Engineerin	01	Antonsson	A	A	P
			02	Brennen	A	A	P
			03	Burdick	A	A	P
			04	Colonius	A	A	P
			05	Culick	A	A	P
			06	Hunt	A	A	P
			07	Murray	A	A	P
			08	Phillips	A	A	P
			09	Goodwin	A	A	P
			10	Fultz	A	A	P
			11	Pickar	A	A	P
			12	Bhattacharya	A	A	P
			13	Lapusta	A	A	P
Ae/AM/ME 209A	1-0-0	Seminar in Solid Mechanics	01	Staff	A	A	P
Ae/Ge/ME 266A	3-0-6	Dynamic Fracture and Frictional Faulting	01	Lapusta	MW 13:30 - 14:55	306 TOM	
ME 300	+	Research in Mechanical Engineering	01	Antonsson	A	A	P
			02	Bellan	A	A	P
			03	Bhattacharya	A	A	P
			04	Bockrath	A	A	P
			05	Burdick	A	A	P
			06	Colonius	A	A	P
			07	Hunt	A	A	P

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<b>MECHANICAL ENGINEERING</b>							
ME 300	+	Research in Mechanical Engineering	08	Murray	A	A	P
			09	Ortiz	A	A	P
			10	Phillips	A	A	P
			11	Ravichandran	A	A	P
			12	Shepherd	A	A	P
			13	Culick	A	A	P
			14	Haile	A	A	P
			15	Goodwin	A	A	P
			16	Brennen	A	A	P
			17	Leonard	A	A	P
			18	Lapusta	A	A	P
CS/EE/ME 75A	2-0-1	Introduction to Multi-Disciplinary Systems Engineering ** <i>PENDING APPROVAL</i> **	01	Murray / Perona / Burdick / Brantley	OM,M 19:00 - 19:25	102 STL	
<b>MUSIC</b>							
EE/CS/Mu 017A	+	Projects in Music and Science	01	Boyk	OM,W 11:00 - 12:15	2c WINN	P
Mu 021	3-0-6	Understanding Music	01	Neenan	MW 11:00 - 12:25	19 BAX	
Mu 034	3-0-6	Music Of The Early Romantics	01	Neenan	MW 14:30 - 15:55	19 BAX	
<b>PERFORMANCE AND ACTIVITIES</b>							
PA 015A	1-0-2	Student Publications	01	Daily	F 12:00 - 12:55	40 SAC	P
PA 030A	0-3-0	Women's Glee Club	01	LaVertu	OM,M 17:00 - 17:55	Basement BCK	P
PA 031A	0-3-0	Chamber Music	01	Bing	A	A	P
			02	Gross	A	A	P

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<b>PERFORMANCE AND ACTIVITIES</b>							
PA 032A	0-3-0	Symphony Orchestra	01	Gross	T 19:30 - 22:15	Ramo Auditorium BAX	P
PA 033A	0-3-0	Concert Band	01	Bing	R 19:15 - 21:15	Ramo Auditorium BAX	P
PA 034A	0-3-0	Jazz Band	01	Bing	M 19:30 - 21:25 R 21:30 - 22:55	Ramo Auditorium BAX Ramo Auditorium BAX	P
PA 035A	0-3-0	Guitar	01 02 03	Denning Denning Denning	T 16:30 - 17:25 T 15:00 - 15:55 T 17:30 - 18:25	01 SAC 01 SAC 01 SAC	P P P
PA 036A	0-3-0	Men's Glee Club	01	Caldwell	M 19:30 - 21:25 W 17:00 - 17:55	Basement BCK Basement BCK	P
PA 037A	0-3-0	Chamber Singers	01	Caldwell	T 17:00 - 18:25	Basement BCK	P
PA 040A	2-0-1	Theater Arts	01	Marneus	OM,M 19:30 - 20:25	A	P
PA 050A	1-1-1	Health Advocates	01	Stapf	W 19:00 - 21:55	YHC	P
PA 061A	0-3-0	Silkscreen and Airbrush	01	Barry	M 19:00 - 21:55	22 SAC	P
PA 062A	0-3-0	Drawing and Painting	01	Barry	T 19:00 - 21:55	23 SAC	P
PA 063A	0-3-0	Ceramics	01	Freed	W 19:00 - 21:55	Ceramic Room POLY	P
<b>PHILOSOPHY</b>							
HPS/PI 122	3-0-6	Confirmation and Inductions	01	Hajek	TR 13:00 - 14:25	A	



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<b>PHILOSOPHY</b>							
PI 187	3-0-6	Natural Justice	01	Binmore	W 19:00 - 21:55	A	
<b>PHYSICAL EDUCATION</b>							
PE 001A	3-0-0	Student Designed Fitness <i>See Instructors for schedule</i>	01	D'Auria / Uribe	A	A	P
PE 002A	3-0-0	Skin Diving	01	Dodd	MF 14:00 - 14:55	POOL BRN	P
PE 004A	3-0-0	Introduction to Power Walking	01	Levesque	TR 14:00 - 14:55	TRK BRN	P
PE 009A	3-0-0	Soccer	01	Uribe	MW 15:00 - 15:55	SOF BRN	P
PE 010A	3-0-0	Aerobic Dance <i>See schedule at Braun Athletic Center</i>	01	Ruble	A	A	P
PE 014A	3-0-0	Basketball Skills, Beginning and Beginning/Intermediate	01	Marbut	TR 15:00 - 15:55	BRN	P
PE 020A	3-0-0	Fencing, Beginning and Intermediate/Advanced	01	Paffenroth	TR 19:00 - 19:55	BRW	P
PE 023A	3-0-0	Track and Field, Beginning	01	Levesque	OM,M 16:00 - 16:55	TRK BRN	P
PE 024A	3-0-0	Yoga, Beginning <i>Section 1) Beg 2) Beg/Int 3) Beg/Int</i>	01 02 03	Close-Pal Close-Pal Close-Pal	MW 16:00 - 16:55 TR 17:00 - 17:55 RF 15:00 - 15:55	BAC BAC BAC	P P P
PE 027A	3-0-0	Ultimate Frisbee	01	Boortz / Landesman	MW 19:30 - 20:55	SOF BRN	P
PE 035A	3-0-0	Diving, Beginning/Intermediate	01	Dodd	MF 13:00 - 13:55	POOL BRN	P
PE 036A	3-0-0	Swimming, Beginning/Intermediate and Advanced	01 02	Dodd Dodd	TR 14:00 - 14:55 TR 15:00 - 15:55	POOL BRN POOL BRN	P P

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<b>PHYSICAL EDUCATION</b>							
PE 044A	3-0-0	Karate (Shotokan), Beginning and Intermediate/Advanced	01	McClure	MW 19:00 - 19:55 S 10:00 - 10:55	BAC BAC	P
			02	McClure	MW 20:00 - 20:55 S 11:00 - 23:55	BAC BAC	P
PE 046A	3-0-0	Karate (Tang Soo Do), Beginning and Intermediate/Advanced	01	Hassan	TF 19:00 - 20:25	BRW	P
			02	Hassan	TF 20:30 - 21:55	BRW	P
PE 048A	3-0-0	T'ai-Chi Ch'uan, Beginning and Intermediate/Advanced	01	Zhu	TR 20:00 - 20:55	BAC	P
PE 050A	3-0-0	Badminton, Beginning/Intermediate	01	Mao	OM,W 16:00 - 16:55	BRW	P
PE 054A	3-0-0	Racquetball, Beginning and Intermediate/Advanced	01	Levesque	MW 14:00 - 14:55	BAC	P
			02	D'Auria	TR 15:00 - 15:55	BAC	P
PE 056A	3-0-0	Squash; Beginning, Intermediate, Advanced	01	Bresanello	OM,T 17:00 - 17:55	BAC	P
			02	Bresanello	OM,T 17:00 - 17:55	BAC	P
PE 060A	3-0-0	Tennis; Beginning, Beginning/Intermediate, Intermediate, and Advanced	01	D'Auria	MW 12:00 - 12:55	TCT BRN	P
			02	Gamble	TR 13:00 - 13:55	TCT BRN	P
			03	Gamble	TR 12:00 - 12:55	TCT BRN	P
			04	Gamble	MW 16:00 - 16:55	TCT BRN	P
PE 070A	3-0-0	Weight Training, Beginning/Intermediate	01	Dow	MW 10:00 - 10:55	BAC	P
			02	Marbut	TR 14:00 - 14:55	BAC	P
			03	Marbut	TR 13:00 - 13:55	BAC	P
			04	Dow	TR 10:00 - 10:55	BAC	P
PE 077A	3-0-0	Volleyball; Beginning, Intermediate, and Advanced	01	D'Auria	MW 14:00 - 14:55	BAC	P
PE 082A	3-0-0	Rock Climbing, Beginning and Intermediate <b>**\$25.00 off-site facility fee</b>	01	Scalise	OM,T 19:00 - 19:55	BRW	P
PE 083A	3-0-0	Intercollegiate Basketball Team (Women)	01	Marbut	MTWRFS 16:00 - 17:55	BAC	P

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<b>PHYSICAL EDUCATION</b>							
PE 084A	3-0-0	Table Tennis, Beginning, Intermediate, and Advanced	01	Wang	R 19:00 - 20:55	BRW	P
			02	Wang	M 13:00 - 14:55	BRW	P
			03	Wang	R 21:00 - 22:55	BRW	P
PE 089A	3-0-0	Intercollegiate Fencing Team (Men and Women)	01	Paffenroth	MTR 20:00 - 21:55	BRW	P
PE 090A	3-0-0	Intercollegiate Water Polo Team (Men)	01	Dodd	MTWRFS 16:00 - 17:55	POOL BRN	P
PE 091A	3-0-0	Intercollegiate Basketball Team (Men)	01	Dow	MTWRFS 16:00 - 17:55	BAC	P
PE 092A	3-0-0	Intercollegiate Soccer Team (Men)	01	Uribe	MTWRFS 16:00 - 17:55	SOF BRN	P
PE 097A	3-0-0	Intercollegiate Cross Country Team (Men and Women)	01	Jung	MTWRFS 16:00 - 17:55	TRK BRN	P
PE 099A	3-0-0	Intercollegiate Volleyball Team (Women)	01	Reger	MTWRFS 16:00 - 17:55	BAC	P
<b>PHYSICS</b>							
Ph 001A	4-0-5	Classical Mechanics and Electromagnetism <i>Lecture Schedule: Wednesday/Friday 11:00-11:55 am in Bridge 201</i>	01	Goodstein	WF 11:00 - 11:55	201 BRG	P
					MR 13:00 - 13:55	27 GTS	
			02	Goodstein	WF 11:00 - 11:55	201 BRG	P
					MR 15:00 - 15:55	27 GTS	
			03	Goodstein	WF 11:00 - 11:55	201 BRG	P
					MR 23:00 - 23:55	269 LAU	
			04	Goodstein	WF 11:00 - 11:55	201 BRG	P
		MR 15:00 - 15:55	A				
05	Goodstein	WF 11:00 - 11:55	201 BRG	P			
		MR 13:00 - 13:55	119 DWN				
06	Goodstein	WF 11:00 - 11:55	201 BRG	P			
		MR 15:00 - 15:55	119 DWN				
07	Goodstein	WF 11:00 - 11:55	201 BRG	P			
		MR 13:00 - 13:55	123 LAU				

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<b>PHYSICS</b>							
Ph 001A	4-0-5	Classical Mechanics and Electromagnetism <i>Lecture Schedule: Wednesday/Friday 11:00-11:55 am in Bridge 201</i>	08	Goodstein	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 11 DWN	P
			09	Goodstein	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG A	P
			10	Goodstein	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 123 LAU	P
Ph 002A	4-0-5	Statistical Physics, Waves, and Quantum Mechanics <i>Lecture Schedule: Tuesdays/Thursdays 11:00 - 11:55 am. Recitation Schedule: see sections 1-7</i>	01	Hughes	TR 11:00 - 11:55 WF 09:00 - 09:55	201 BRG 11 DWN	G
			02	Hughes	TR 11:00 - 11:55 WF 11:00 - 11:55	201 BRG 11 DWN	G
			03	Hughes	TR 11:00 - 11:55 WF 11:00 - 11:55	201 BRG 27 GTS	G
			04	Hughes	TR 11:00 - 11:55 WF 13:00 - 13:55	201 BRG 107 DWN	G
			05	Hughes	TR 11:00 - 11:55 WF 13:00 - 13:55	201 BRG 119 DWN	G
			06	Hughes	TR 11:00 - 11:55 WF 15:00 - 15:55	201 BRG 107 DWN	G
			07	Hughes	TR 11:00 - 11:55 WF 15:00 - 15:55	201 BRG 119 DWN	G
Ph 003	0-6-0	Physics Laboratory	01	Barish / Sannibale	OM,T 14:00 - 14:55	308 BRG	P
			02	Barish / Sannibale	OM,T 14:00 - 14:55	308 BRG	P
Ph 005	0-9-0	Physics Laboratory	01	Sannibale / Barish	OM,T 15:00 - 15:55	201 BRG	G
Ph 010	2-0-1	Frontiers in Physics	01	Soifer	M 13:00 - 14:55	469 LAU	P
Ph 011A	2-0-4	Research Tutorial	01	Tombrello	OM,A	201 SLN	P
Ph 012A	4-0-5	Waves, Quantum Physics, and Statistical Mechanics	01	Kimble	TR 10:30 - 11:55	269 LAU	G

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<b>PHYSICS</b>							
Ph 020	0-6-0	Freshman/Sophomore Computational Physics Laboratory	01	Mach / Libbrecht	OM,M 15:00 - 15:55	304 BRG	P
Ph 021	0-6-0	Freshman/Sophomore Computational Physics Lab	01	Mach / Libbrecht	OM,M 15:00 - 15:55	304 BRG	P
Ph 022	0-6-0	Freshman/Sophomore Computational Physics Lab	01	Mach / Libbrecht	OM,M 15:00 - 15:55	304 BRG	P
Ph 076	0-9-0	Atomic/Laser Physics Laboratory	01	Libbrecht / Black	OM,M 14:00 - 14:55	211 BRG	G
Ph 077A	0-9-0	Advanced Physics Laboratory	01	Black / Libbrecht	OM,M 15:00 - 15:55	210 BRG	G
Ph 078A	9-0-0	Senior Thesis Experimental	01	Frautschi	A	A	P
Ph 079A	9-0-0	Senior Thesis Theoretical	01	Frautschi	A	A	P
Ph 105	3-0-6	Analog Electronics for Physicists	01	Sannibale / Barish	OM,T 15:00 - 15:55	201 BRG	G
Ph 106A	3-0-6	Topics in Classical Physics	01	Golwala	TR 10:30 - 11:55	107 DWN	
Ph/EE 118	3-0-6	Low-Noise Electronic Measurement	01	Roukes	TF 14:30 - 15:55	107 DWN	
Ph 125A	3-0-6	Quantum Mechanics	01	Weinstein	MW 09:30 - 10:55	269 LAU	
Ph 129A	3-0-6	Mathematical Methods of Physics	01	Oguri	TR 09:00 - 10:25	103 DWN	
Ph 135A	3-0-6	Applications of Quantum Mechanics	01	Filippone	TR 13:00 - 14:25	269 LAU	
Ph 136A	3-0-6	Applications of Classical Physics	01	Thorne	MW 14:30 - 15:55	107 DWN	

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<b>PHYSICS</b>							
Ph 171	+	Reading and Independent Study	01	Barish	A	A	P
			02	Blandford	A	A	P
			03	Cross	A	A	P
			04	Kitaev	A	A	P
			05	Eisenstein	A	A	P
			06	Filippone	A	A	P
			07	Vogel	A	A	P
			08	Goldreich	A	A	P
			09	Goodstein	A	A	P
			10	Gubser	A	A	P
			11	Harrison	A	A	P
			12	Hitlin	A	A	P
			13	Hughes	A	A	P
			14	Kamionkowski	A	A	P
			15	Kapustin	A	A	P
			16	Kimble	A	A	P
			17	Koonin	A	A	P
			18	Lange	A	A	P
			19	Libbrecht	A	A	P
			20	Mabuchi	A	A	P
			21	Martin	A	A	P
			22	McGill	A	A	P
			23	McKeown	A	A	P
			24	Oguri	A	A	P
			25	Peck	A	A	P
			26	Phillips	A	A	P
			27	Pine	A	A	P
			28	Politzer	A	A	P
			29	Porter	A	A	P
			30	Preskill	A	A	P
			31	Prince	A	A	P
			32	Ramakrishnan	A	A	P
			33	Rice III	A	A	P

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<b>PHYSICS</b>							
Ph 171	+	Reading and Independent Study	34	Roukes	A	A	P
			35	Scherer	A	A	P
			36	Schwarz	A	A	P
			37	Simon	A	A	P
			38	Stone	A	A	P
			39	Thorne	A	A	P
			40	Tombrello	A	A	P
			41	Vogt	A	A	P
			42	Weinstein	A	A	P
			43	Wise	A	A	P
			44	Yeh	A	A	P
			45	Zewail	A	A	P
			46	Zmuidzinas	A	A	P
			47	Stevenson	A	A	P
Ph 172	+	Research in Experimental Physics	01	Barish	A	A	P
			02	Blandford	A	A	P
			03	Cross	A	A	P
			04	Koch	A	A	P
			05	Eisenstein	A	A	P
			06	Filippone	A	A	P
			07	Frautschi	A	A	P
			08	Goldreich	A	A	P
			09	Goodstein	A	A	P
			10	Gubser	A	A	P
			11	Harrison	A	A	P
			12	Hitlin	A	A	P
			13	Hughes	A	A	P
			14	Kamionkowski	A	A	P
			15	Kapustin	A	A	P
			16	Kimble	A	A	P
			17	Phillips	A	A	P

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<b>PHYSICS</b>							
Ph 172	+	Research in Experimental Physics	18	Golwala	A	A	P
			19	Libbrecht	A	A	P
			20	Mabuchi	A	A	P
			21	Martin	A	A	P
			22	McGill	A	A	P
			23	McKeown	A	A	P
			24	Oguri	A	A	P
			25	Peck	A	A	P
			26	Phillips	A	A	P
			27	Pine	A	A	P
			28	Politzer	A	A	P
			29	Porter	A	A	P
			30	Psaltis	A	A	P
			31	Prince	A	A	P
			32	Ramakrishnan	A	A	P
			33	Rice III	A	A	P
			34	Roukes	A	A	P
			35	Scherer	A	A	P
			36	Schwarz	A	A	P
			37	Simon	A	A	P
			38	Stone	A	A	P
			39	Thorne	A	A	P
			40	Tombrello	A	A	P
			41	Vogt	A	A	P
			42	Weinstein	A	A	P
			43	Wise	A	A	P
			44	Yeh	A	A	P
			45	Zewail	A	A	P
			46	Zmuidzinas	A	A	P
			47	Quake	A	A	P
			48	Ellis	A	A	P
			49	Newman	A	A	P
			50	Mewaldt	A	A	P



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<b>PHYSICS</b>							
Ph 172	+	Research in Experimental Physics	51	Jensen	A	A	P
Ph 173	+	Research in Theoretical Physics	01	Barish	A	A	P
			02	Blandford	A	A	P
			03	Cross	A	A	P
			04	Blain	A	A	P
			05	Eisenstein	A	A	P
			06	Filippone	A	A	P
			07	Frautschi	A	A	P
			08	Goldreich	A	A	P
			09	Goodstein	A	A	P
			10	Gubser	A	A	P
			11	Harrison	A	A	P
			12	Hitlin	A	A	P
			13	Hughes	A	A	P
			14	Kamionkowski	A	A	P
			15	Kapustin	A	A	P
			16	Kimble	A	A	P
			17	Sari	A	A	P
			18	Lange	A	A	P
			19	Libbrecht	A	A	P
			20	Mabuchi	A	A	P
			21	Martin	A	A	P
			22	McGill	A	A	P
			23	McKeown	A	A	P
			24	Oguri	A	A	P
			25	Peck	A	A	P
			26	Phillips	A	A	P
			27	Pine	A	A	P
			28	Politzer	A	A	P
			29	Porter	A	A	P
			30	Preskill	A	A	P
			31	Prince	A	A	P

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<b>PHYSICS</b>							
Ph 173	+	Research in Theoretical Physics	32	Ramakrishnan	A	A	P
			33	Rice III	A	A	P
			34	Roukes	A	A	P
			35	Scherer	A	A	P
			36	Schwarz	A	A	P
			37	Simon	A	A	P
			38	Stone	A	A	P
			39	Thorne	A	A	P
			40	Tombrello	A	A	P
			41	Vogt	A	A	P
			42	Weinstein	A	A	P
			43	Wise	A	A	P
			44	Yeh	A	A	P
			45	Zewail	A	A	P
			46	Zmuidzinas	A	A	P
			47	Phillips	A	A	P
			48	Adami	A	A	P
			49	Psaltis	A	A	P
			CNS/Bi/Ph/CS 187	3-0-6	Neural Computation	01	Winfree
Ph 205A	3-0-6	Relativistic Quantum Mechanics	01	Wise	WF 14:30 - 15:55	269 LAU	P
Ph/CS 219a	3-0-6	Quantum Computation	01	Kitaev	MW 09:00 - 10:25	107 DWN	
Ph 225A	3-0-6	Advanced Quantum Optics	01	Yeh	MW 10:30 - 11:55	107 DWN	
Ph 229	3-0-6	Advanced Mathematical Methods of Physics	01	Kapustin	MW 13:00 - 14:25	103 DWN	P
Ph 231A	3-0-6	High-Energy Physics	01	Porter	MW 14:30 - 15:55	103 DWN	

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Ph 236A	3-0-6	General Relativity	01	Lindblom	MW 13:00 - 14:25	269 LAU	P
Ph 242A	2-0-1	Physics Seminar	01	Stone	F 10:30 - 11:55	114 BRG	P
Ph 250	3-0-6	Introduction to String Theory	01	Oguri	MW 09:30 - 10:55	A	
Ph 300	+	Thesis Research	01	Barish	A	A	P
			02	Blandford	A	A	P
			03	Cross	A	A	P
			04	Kennedy	A	A	P
			05	Eisenstein	A	A	P
			06	Filippone	A	A	P
			07	Frautschi	A	A	P
			08	Goldreich	A	A	P
			09	Goodstein	A	A	P
			10	Gubser	A	A	P
			11	Harrison	A	A	P
			12	Hitlin	A	A	P
			13	Hughes	A	A	P
			14	Kamionkowski	A	A	P
			15	Kapustin	A	A	P
			16	Kimble	A	A	P
			17	Zewail	A	A	P
			18	Lange	A	A	P
			19	Libbrecht	A	A	P
			20	Mabuchi	A	A	P
			21	Martin	A	A	P
			22	McGill	A	A	P
			23	McKeown	A	A	P
			24	Oguri	A	A	P
			25	Peck	A	A	P
			26	Phillips	A	A	P

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<b>PHYSICS</b>							
Ph 300	+	Thesis Research	27	Pine	A	A	P
			28	Politzer	A	A	P
			29	Porter	A	A	P
			30	Preskill	A	A	P
			31	Prince	A	A	P
			32	Ramakrishnan	A	A	P
			33	Phinney	A	A	P
			34	Roukes	A	A	P
			35	Scherer	A	A	P
			36	Schwarz	A	A	P
			37	Simon	A	A	P
			38	Stone	A	A	P
			39	Thorne	A	A	P
			40	Tombrello	A	A	P
			41	Vogt	A	A	P
			42	Weinstein	A	A	P
			43	Wise	A	A	P
			44	Yeh	A	A	P
			45	Staff	A	A	P
			46	Preskill	A	A	P
47	Lester	A	A	P			
48	Newman	A	A	P			
49	Hou	A	A	P			
50	Painter	A	A	P			
<b>POLITICAL SCIENCE</b>							
PS 012	3-0-6	Introduction to Political Science	01	Kiewiet	MWF 13:00 - 13:55	A	
PS 120	3-0-6	American Electoral Behavior And Party Strategy	01	Alvarez	A	A	
PS 132	3-0-6	Formal Theories in Political Science	01	Ordeshook	A	A	

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<b>POLITICAL SCIENCE</b>							
Ec/PS 160A	3-3-3	Laboratory Experiments in the Social Sciences <i>Taught concurrently with SS 260</i>	01	Plott	TR 08:30 - 09:55	218 BAX	
PS/Ec 173	3-0-6	Cooperation And Social Behavior	01	Echenique	A	A	
<b>PSYCHOLOGY</b>							
Psy015	3-0-6	Social Psychology	01	Staff	A	A	
<b>SOCIAL SCIENCE</b>							
SS 098	+	Reading in Social Science	01	Staff	A	A	P
Ec/SS 129	3-0-6	Economic History of the United States	01	Davis	MW 08:30 - 09:55	A	
SS 201A	3-0-6	Analytical Foundations of Social Science <i>Open to Graduate Students only</i>	01	Chambers	A	A	
SS 202A	3-0-6	Political Theory <i>Open to Graduate Students Only</i>	01	Ordeshook	A	A	
SS 205A	3-0-6	Foundations of Economics <i>Open to Graduate Students only</i>	01	Ledyard	A	A	
SS 210A	3-0-6	Foundations of Political Economy	01	Chambers	A	A	
SS 211A	3-0-6	Advanced Economic Theory	01	Echenique	A	A	
SS 213A	3-0-6	Financial Economics	01	Bossaerts	A	A	
SS 222A	3-0-6	Econometrics <i>Open to Graduate Students only</i>	01	Sherman	A	A	

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<b>SOCIAL SCIENCE</b>							
SS 223A	3-0-6	Advanced Topics in Econometric Theory	01	Sherman	A	A	
SS 229A	3-0-6	Theoretical and Quantitative Dimensions of Historical Development	01	Davis	MW 13:00 - 14:25	A	
SS 231A	3-0-6	American Politics	01	Kiewiet	A	A	
SS 240	3-0-6	Techniques of Policy Research	01	Dubin	A	A	
SS 260	3-0-6	Experimental Methods of Political Economy <i>Taught concurrently with Ec/PS 160</i>	01	Plott	TR 08:30 - 09:55	218 BAX	
SS 280	3-0-6	Modern Topics in Social Science	01	Border	A	A	
SS 300	+	Research in Social Science	01	Ledyard	A	A	P
			02	Sherman	A	A	P
			03	Plott	A	A	P
			04	Camerer	A	A	P
			05	Katz	A	A	P
			06	Palfrey	A	A	P
			07	Kunicova	A	A	P
			08	Bossaerts	A	A	P
			09	Echenique	A	A	P
			10	Kiewiet	A	A	P
			11	Alvarez	A	A	P
<b>STUDY ABROAD</b>							
CAM100	36-0-0	Cambridge Colleges	01	Staff	A	A	P
CPH100	36-0-0	Copenhagen Scholars Program	01	Staff	A	A	P

Date: 26-May-2004

Time: 09:50:37

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>STUDY ABROAD</b>							
UCL100	0-0-0	University College London	01	Staff	A	A	P