

Web Address - <http://www.registrar.caltech.edu/>**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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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<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 101C	3-0-6	Fluid Mechanics	01	Brennen	MWF 10:00 - 10:55	101 GUG	G
Ae/AM/CE/ME 102C	3-0-6	Mechanics of Structures and Solids	01	Ravichandran / Ortiz	TR 09:00 - 10:25	101 GUG	G
Ae/JP 103C	3-0-6	Propulsion , Dynamics, and Control of Aircraft	01	Krok	TR 10:30 - 11:55	306 FIR	G
Ae/APh 104C	1-3-5	Experimental Methods	01	Dimotakis	WF 09:00 - 09:55	101 GUG	G
Ae/CDS 125C	3-0-6	Space Missions and Systems Engineering	01	Sercel	T 17:00 - 18:25	202 GUG	G
Ae 150C	1-0-0	Aeronautical Seminar	01	Shepherd	M 13:00 - 13:55	101 GUG	P
Ae/Ge/ME 160C	3-0-6	Continuum Mechanics of Fluids and Solids <i>CANCELLED</i>	01	Rosakis	OM,A	A	
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	Knauss	A	A	P

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<b>AERONAUTICS</b>							
Ae 200	+	Advanced Research in Aeronautics	08	Leonard	A	A	P
			09	Murray	A	A	P
			10	Ortiz	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
			17	Pierce	A	A	P
Ae 201C	3-0-6	Advanced Fluid Mechanics <i>See Ae 233</i>	01	Pullin	MWF 10:00 - 10:55	306 FIR	P
Ae 208C	1-0-0	Fluid Mechanics Seminar	01	Dimotakis	F 15:00 - 15:55	101 GUG	P
Ae/AM/ME 209C	1-0-0	Seminar in Solid Mechanics	01	Ravichandran	T 15:00 - 15:55	306 TOM	P
Ae/AM/MS/ME 213C	3-0-6	Mechanics and Materials Aspects of Fracture	01	Rosakis	MW 08:30 - 09:55	306 TOM	
Ae/AM/CE/ME 214C	3-0-6	Computational Solid Mechanics	01	Leroy	MW 10:00 - 10:55 T 01:00 - 01:55	308 FIR 308 FIR	P
Ae 233	3-0-6	Hydrodynamic Stability <i>see Ae201C</i>	01	Pullin	MWF 10:00 - 10:55	306 FIR	P
BE/Ae 243	3-0-6	Biofluid Mechanics <i>Continuation for the currently registered student in Ae 204B.</i>	01	Noca	MWF 11:00 - 11:55	306 FIR	G
<b>ANTHROPOLOGY</b>							
An 102A	3-0-6	Culture, Cognition, and Language <i>*Prerequisite not required for this term * Maximum enrollment: 40 students</i>	01	Moore	TR 13:00 - 14:25	25 BAX	
<b>APPLIED &amp; COMPUTATIONAL MATH</b>							

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
ACM095C	4-0-8	Introductory Methods of Applied Mathematics	01	Bruno	MWF 11:00 - 11:55 T 11:00 - 11:55	Lecture Hall BAX 11 DWN	
			02	Bruno	MWF 11:00 - 11:55 T 11:00 - 11:55	Lecture Hall BAX 119 DWN	
			03	Bruno	MWF 11:00 - 11:55 R 09:00 - 09:55	Lecture Hall BAX 11 DWN	
			04	Bruno	MWF 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 155 ARM	
			05	Bruno	MWF 11:00 - 11:55 W 14:00 - 14:55	Lecture Hall BAX 119 DWN	
			06	Bruno	MWF 11:00 - 11:55 T 13:00 - 13:55	Lecture Hall BAX 107 DWN	
			07	Bruno	MWF 11:00 - 11:55 T 14:00 - 14:55	Lecture Hall BAX 155 ARM	
			08	Bruno	MWF 11:00 - 11:55 R 14:00 - 14:55	Lecture Hall BAX 155 ARM	
			09	Bruno	WF 11:00 - 11:55 R 16:00 - 16:55	Lecture Hall BAX 119 DWN	
			10	Bruno	MWF 11:00 - 11:55 M 14:00 - 14:55	Lecture Hall BAX 119 DWN	
			11	Bruno	MWF 11:00 - 11:55 T 16:00 - 16:55	LecHall BAX 119 DWN	
ACM100C	4-0-8	Introductory Methods of Applied Mathematics	01	Bruno	MWF 11:00 - 11:55 T 11:00 - 11:55	LecHall BAX 11 DWN	
			02	Bruno	MWF 11:00 - 11:55 T 11:00 - 11:55	Lecture Hall BAX 119 DWN	
			03	Bruno	MWF 11:00 - 11:55 R 09:00 - 09:55	Lecture Hall BAX 11 DWN	
			04	Bruno	MWF 11:00 - 11:55 R 11:00 - 11:55	Lecture Hall BAX 155 ARM	
			05	Bruno	MWF 11:00 - 11:55 W 14:00 - 14:55	Lecture Hall BAX 119 DWN	
			06	Bruno	WF 11:00 - 11:55	Lecture Hall BAX	

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<b>APPLIED &amp; COMPUTATIONAL MATH</b>										
ACM100C	4-0-8	Introductory Methods of Applied Mathematics	06	Bruno	T 13:00 - 13:55	107 DWN				
			07	Bruno	WF 11:00 - 11:55	Lecture Hall BAX				
					T 14:00 - 14:55	155 ARM				
			08	Bruno	MWF 11:00 - 11:55	Lecture Hall BAX				
					R 14:00 - 14:55	155 ARM				
			09	Bruno	WF 11:00 - 11:55	Lecture Hall BAX				
					R 16:00 - 16:55	119 DWN				
ACM101C	3-0-6	Methods of Applied Mathematics I	01	Fatkullin	MTR 14:00 - 14:55	306 FIR				
			ACM106C	3-0-6	Introductory Methods of Computational Mathematics	01	Schroder / Meiron	TR 09:00 - 10:25	308 FIR	
			ACM116	3-0-6	Introduction to Probability Models with Applications	01	Candes	TR 10:30 - 11:55	206 TOM	
Ma/ACM 144B	3-0-6	Probability	01	Berger	M 12:00 - 13:55	151 SLN				
					T 12:00 - 12:55	153 SLN				
ACM190	+	Reading and Independent Study	01	Cohen	A	A	P			
			02	Hou	A	A	P			
			03	Bruno	A	A	P			
ACM256	3-0-6	Special Topics in Applied Mathematics - Discrete Differential Geometry: Theory and Applications <i>Course is offered in conjunction with CS 286C.</i>	01	Schroder	WF 13:00 - 14:25	A				
ACM290C	1-0-0	Applied and Computational Mathematics Colloquium	01	Candes	M 16:15 - 17:10	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			

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<b>APPLIED &amp; COMPUTATIONAL MATH</b>							
ACM300	+	Research in Applied and Computational Mathematics	04	Hou	A	A	P
			05	Marsden	A	A	P
			06	Meiron	A	A	P
			07	Pierce	A	A	P
<b>APPLIED MECHANICS</b>							
AM/ME 035C	3-0-6	Statics and Dynamics	01	Hall	MWF 14:00 - 14:55	206 TOM	G
AM 066	3-0-6	Vibration	01	Heaton	MWF 10:00 - 10:55	08 TOM	
Ae/AM/CE/ME 102C	3-0-6	Mechanics of Structures and Solids	01	Ravichandran / Ortiz	TR 09:00 - 10:25	101 GUG	G
AM 125C	3-0-6	Engineering Mathematical Principles	01	Beck	TR 09:00 - 10:25	206 TOM	G
AM 151C	3-0-6	Dynamics and Vibrations <i>Make-up class held on Tuesdays 3-4pm</i>	01	Iwan	MWF 09:00 - 09:55	010 TOM	G
					T 15:00 - 15:55	010 TOM	
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 209C	1-0-0	Seminar in Solid Mechanics	01	Ravichandran	T 15:00 - 15:55	306 TOM	P
Ae/AM/MS/ME 213C	3-0-6	Mechanics and Materials Aspects of Fracture	01	Rosakis	MW 08:30 - 09:55	306 TOM	
Ae/AM/CE/ME 214C	3-0-6	Computational Solid Mechanics	01	Leroy	MW 10:00 - 10:55	308 FIR	P
					T 01:00 - 01:55	308 FIR	
AM 250	+	Research in Applied Mechanics	01	Beck	A	A	P
			02	Bhattacharya	A	A	P
			03	Brennen	A	A	P

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<b>APPLIED MECHANICS</b>										
AM 250	+	Research in Applied Mechanics	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			
			12	Rosakis	A	A	P			
			13	Tai	A	A	P			
			14	Ustundag	A	A	P			
			15	Lapusta	A	A	P			
			<b>APPLIED PHYSICS</b>							
			Ch/APh 002	4-0-5	Introduction to Energy Sciences	01	Lewis / Rees / Bellan	T 10:00 - 10:55 WF 13:00 - 13:55	100 - Rock Auditorium BRD 100 - Rock Auditorium BRD	G
			APh017C	3-0-6	Thermodynamics	01	Quake	TW 09:10 - 10:25	104 WAT	G
APh024	0-6-0	Introductory Modern Optics Laboratory <i>NEW Maximum enrollment: 32 students</i>	01	Lee	OM,F 15:00 - 15:55	102 STL	G			
APh077C	0-9-0	Laboratory in Applied Physics	01	Scherer	OM,M 15:00 - 15:55	104 WAT	G			
APh078C	0-9-0	Senior Thesis, Experimental	01	Dimotakis / Atwater	A	A	G			
APh079C	+	Senior Thesis, Theoretical	01	Atwater	A	A	P			
APh100	+	Advanced Work in Applied Physics	01	Corngold	A	A	P			
			02	Bellan	A	A	P			
			03	Atwater	A	A	P			
			04	Goddard	A	A	P			

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<b>APPLIED PHYSICS</b>										
APh100	+	Advanced Work in Applied Physics	05	Scherer	A	A	P			
			06	Haile	A	A	P			
			07	Zewail	A	A	P			
			08	Psaltis	A	A	P			
			09	Rutledge	A	A	P			
			10	Fultz	A	A	P			
			11	Tombrello	A	A	P			
			12	Marcus	A	A	P			
			13	Mabuchi	A	A	P			
			14	McGill	A	A	P			
			15	Cross	A	A	P			
			16	Barton	A	A	P			
			17	Thorne	A	A	P			
			18	Goodstein	A	A	P			
			19	Johnson	A	A	P			
			20	Dimotakis	A	A	P			
			21	Yeh	A	A	P			
			22	Roukes	A	A	P			
			23	Quake	A	A	P			
			24	Giapis	A	A	P			
			25	Phillips	A	A	P			
			Ae/APh/CE/ME 101C	3-0-6	Fluid Mechanics	01	Brennen	MWF 10:00 - 10:55	101 GUG	G
			Ae/APh 104C	1-3-5	Experimental Methods	01	Dimotakis	WF 09:00 - 09:55	101 GUG	G
			APh105C	3-0-6	States of Matter	01	Johnson	TR 14:30 - 15:55	104 WAT	
			APh109	0-6-3	Introduction to the Micro/Nanofabrication Lab	01	Ghaffari	OM,M 16:00 - 17:55	250 WAT	P
APh114C	3-0-6	Solid-State Physics <i>Maximum enrollment: 60 students</i>	01	Bockrath	TR 13:00 - 14:25	104 WAT	G			

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<b>APPLIED PHYSICS</b>							
APh/EE 132	3-0-6	Fourier Optics	01	Psaltis	TR 10:30 - 11:55	239 MRE	
APh150	3-0-6	Topics in Applied Physics: Group Theory	01	Vahala	TR 10:30 - 11:55	104 WAT	P
APh156C	3-0-6	Plasma Physics	01	Bellan	TRF 15:00 - 15:55	125 STL	G
APh/BE 165	0-6-3	Advanced Bioengineering Laboratory	01	Quake / Phillips	W 13:00 - 13:55	114 STL	
APh190C	3-0-6	Quantum Electronics	01	Yariv	MW 11:00 - 12:25	104 WAT	
APh200	+	Applied Physics Research	01	Barton	A	A	P
			02	Bellan	A	A	P
			03	Atwater	A	A	P
			04	Goddard	A	A	P
			05	Haile	A	A	P
			06	McGill	A	A	P
			07	Zewail	A	A	P
			08	Vahala	A	A	P
			09	Psaltis	A	A	P
			10	Fultz	A	A	P
			11	Tombrello	A	A	P
			12	Marcus	A	A	P
			13	Thorne	A	A	P
			14	Bellan	A	A	P
			15	Johnson	A	A	P
			16	Goodstein	A	A	P
			17	Tai	A	A	P
			18	Corngold	A	A	P
			19	Dimotakis	A	A	P
			20	Shepherd	A	A	P
			21	Rutledge	A	A	P

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<b>APPLIED PHYSICS</b>							
APh200	+	Applied Physics Research	22	Yeh	A	A	P
			23	Cross	A	A	P
			24	Roukes	A	A	P
			25	Quake	A	A	P
			26	Cross	A	A	P
			27	Mabuchi	A	A	P
			28	Yariv	A	A	P
			29	Libbrecht	A	A	P
			30	Dimotakis	A	A	P
			31	Winfrey	A	A	P
			32	Mabuchi	A	A	P
			33	Flagan	A	A	P
			34	Bockrath	A	A	P
			35	Painter	A	A	P
			36	Fraser	A	A	P
			37	Burdick	A	A	P
			38	Roukes	A	A	P
			39	Scherer	A	A	P
			40	Phillips	A	A	P
			41	Jensen	A	A	P
			42	Zmuidzinas	A	A	P
			43	Kornfield	A	A	P
			44	Pierce	A	A	P
			APh300	+	Thesis Research in Applied Physics	01	Yariv
02	Pine	A				A	P
03	Vahala	A				A	P
04	McGill	A				A	P
05	Bridges	A				A	P
06	Culick	A				A	P
07	Tombrello	A				A	P
08	Fultz	A				A	P
09	Burdick	A				A	P
10	Bhattacharya	A				A	P

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<b>APPLIED PHYSICS</b>										
APh300	+	Thesis Research in Applied Physics	11	Ortiz	A	A	P			
			12	Brennen	A	A	P			
			13	Ustundag	A	A	P			
			14	Cross	A	A	P			
			15	Quake	A	A	P			
			16	Vahala	A	A	P			
			17	Zewail	A	A	P			
			18	Johnson	A	A	P			
			19	Dimotakis	A	A	P			
			20	Thorne	A	A	P			
			21	Roukes	A	A	P			
			22	Fraser	A	A	P			
			23	Rutledge	A	A	P			
			24	Psaltis	A	A	P			
			25	Burdick	A	A	P			
			26	Scherer	A	A	P			
			27	Goddard	A	A	P			
			28	Libbrecht	A	A	P			
			29	Goodwin	A	A	P			
			30	Goodstein	A	A	P			
			31	Phillips	A	A	P			
			32	Tai	A	A	P			
			33	Bellan	A	A	P			
			34	Atwater	A	A	P			
			35	Fultz	A	A	P			
			36	Painter	A	A	P			
			37	Shepherd	A	A	P			
			<b>ART HISTORY</b>							
			Art046	3-0-6	The Age of the Great Cathedrals	01	Howard	TR 10:30 - 11:55	125 BAX	
			Art118	3-0-6	Modern Art	01	Dini	MW 15:00 - 16:15	125 BAX	

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<b>ASTROPHYSICS</b>							
Ay 001	3-3-3	The Evolving Universe <i>A. Sargent</i>	01	Scoville / Sargent	T 10:00 - 10:55 W 14:00 - 14:55 F 14:00 - 14:55	22 GTS 22 GTS 22 GTS	
Ge/Ay 011C	3-0-6	Planetary Sciences	01	Brown	MWF 13:00 - 13:55	155 ARM	
Ay 043	+	Reading in Astronomy and Astrophysics	01 02 03 04 05 06 07 08 09 10	Blain Blandford Cohen Djorgovski Hillenbrand Phinney Readhead Sargent Sargent Scoville	A A A A A A A A A A	A A A A A A A A A A	P P P P P P P P P P
Ay 078C	+	Senior Thesis <b>**Senior Astronomy Majors only**</b>	01 02 03 04 05 06 07 08 09	Blandford Djorgovski Hillenbrand Kamionkowski Phinney Readhead Sargent Sargent Scoville	A A A A A A A A A	A A A A A A A A A	P P P P P P P P P
Ge/Ay 103	3-0-6	Introduction to the Solar System	01	Brown	MWF 13:00 - 13:55	155 ARM	
Ay 125	3-0-6	High-Energy Astrophysics	01	Phinney / Kulkarni	OM,M 15:00 - 15:55	106 ROB	
Ay 127	3-0-6	Cosmology and Galaxy Formation	01	Djorgovski / Kamionkowski	OM,M 15:00 - 15:55	106 ROB	

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<b>ASTROPHYSICS</b>							
Ay 141C	1-0-2	Research Conference in Astronomy <i>W. Sargent</i>	01	Hillenbrand / Sargent	F 16:00 - 16:55	106 ROB	P
Ay 142	+	Research in Astronomy and Astrophysics	01	Blain	A	A	P
			02	Blake	A	A	P
			03	Blandford	A	A	P
			04	Brown	A	A	P
			05	Cohen	A	A	P
			06	Djorgovski	A	A	P
			07	Ellis	A	A	P
			08	Goldreich	A	A	P
			09	Hillenbrand	A	A	P
			10	Kamionkowski	A	A	P
			11	Kulkarni	A	A	P
			12	Lange	A	A	P
			13	Libbrecht	A	A	P
			14	Martin	A	A	P
			15	Neugebauer	A	A	P
			16	Phillips	A	A	P
			17	Phinney	A	A	P
			18	Readhead	A	A	P
			19	Sargent	A	A	P
			20	Sargent	A	A	P
			21	Zirin	A	A	P
			22	Scoville	A	A	P
			23	Steidel	A	A	P
			24	Westphal	A	A	P
			25	Sari	A	A	P
			26	Soifer	A	A	P
Ay 143	+	Reading and Independent Study	01	Blandford	A	A	P
			02	Cohen	A	A	P
			03	Djorgovski	A	A	P
			04	Goldreich	A	A	P

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<b>ASTROPHYSICS</b>							
Ay 143	+	Reading and Independent Study	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>							
Bi/BMB 251C	1-0-0	Current Research in Cellular and Molecular Biology	01	Deshaies / Sternberg / Hay	W 12:00 - 12:55	24 BBB	P
BMB278	3-0-6	Fundamentals of Molecular Genetics	01	Campbell / Parker	WF 10:00 - 11:55	370 BRN	G
BMB299	+	Graduate Research	01	Mayo	A	A	P
			02	Deshaies	A	A	P
			03	Fraser	A	A	P
			04	Bjorkman	A	A	P
			05	Arnold	A	A	P
			06	Roberts	A	A	P
			07	Koch	A	A	P
			08	Campbell	A	A	P
			09	Goddard	A	A	P
			10	Rees	A	A	P
			11	Hsieh-Wilson	A	A	P
			12	Bronner-Fraser	A	A	P
			13	Parker	A	A	P
			14	Pierce	A	A	P
			15	Quake	A	A	P
			16	Davidson	A	A	P
			17	Mabuchi	A	A	P
			18	Dougherty	A	A	P

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<b>BIOCHEMISTRY &amp; MOLECULAR BIOPHYSICS</b>							
BMB299	+	Graduate Research	19	Collier	A	A	P
			20	Jensen	A	A	P
			21	Elowitz	A	A	P
			22	Patterson	A	A	P
			23	Schuman	A	A	P
			24	Dervan	A	A	P
<b>BIOENGINEERING</b>							
BE 100B	1-0-0	Bioengineering Seminar Series	01	Dickinson	M 16:00 - 16:55	142 KCK	P
APh/BE 165	0-6-3	Advanced Bioengineering Laboratory	01	Quake / Phillips	W 13:00 - 13:55	114 STL	
BE 201C	3-5-4	Physiology for Bioengineering	01	Petrasek	TR 13:00 - 14:25	142 KCK	G
ChE/BE 210	3-0-6	Cellular Engineering	01	AsthaGiri	TR 09:00 - 10:25	106 SPL	G
BE/Ae 243	3-0-6	Biofluid Mechanics <i>Continuation for the currently registered student in Ae 204B.</i>	01	Noca	MWF 11:00 - 11:55	306 FIR	G
BE 250C	+	Research in Bioengineering	01	Arnold	A	A	P
			02	Hajimiri	A	A	P
			03	Gharib	A	A	P
			04	Quartz	A	A	P
			05	Burdick	A	A	P
			06	Dickinson	A	A	P
			07	Pine	A	A	P
			08	Quake	A	A	P
			09	Mabuchi	A	A	P
			10	Lester	A	A	P
			11	Tai	A	A	P
			12	Pierce	A	A	P

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<b>BIOLOGY</b>							
Bi 001	4-0-5	Drugs and the Brain	01	Lester	MTR 11:00 - 11:55	119 KRK	G
Bi 009	3-0-6	Cell Biology	01	Dunphy	MWF 13:00 - 13:55	24 BBB	
Bi 010	1-3-2	Cell Biology Laboratory <i>Maximum enrollment: 16 students per section</i>	01	Deshaies	M 15:00 - 15:55 T 14:00 - 16:55	119 KRK 317 KRK	
			02	Deshaies	M 15:00 - 15:55 W 14:00 - 16:55	119 KRK 317 KRK	
			03	Deshaies	M 15:00 - 15:55	119 KRK	
					R 14:00 - 16:55	317 KRK	
Bi 022	+	Undergraduate Research	01	Attardi	A	A	P
			02	Bronner-Fraser	A	A	P
			03	Davidson	A	A	P
			04	Laurent	A	A	P
			05	Varshavsky	A	A	P
			06	Chan	A	A	P
			07	Rothenberg	A	A	P
			08	Bjorkman	A	A	P
			09	Dunphy	A	A	P
			10	Strauss	A	A	P
			11	Alberola-Ila	A	A	P
			12	Campbell	A	A	P
			13	Deshaies	A	A	P
			14	Lester	A	A	P
			15	Patterson	A	A	P
			16	Revel	A	A	P
			17	Fraser	A	A	P
			18	Zinn	A	A	P
			19	Lewis	A	A	P
			20	Shimojo	A	A	P
			21	Abelson	A	A	P
			22	Benzer	A	A	P

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<b>BIOLOGY</b>							
Bi 022	+	Undergraduate Research	23	Rothenberg	A	A	P
			24	Simon	A	A	P
			25	Allman	A	A	P
			26	Wold	A	A	P
			27	Mayo	A	A	P
			28	Meyerowitz	A	A	P
			29	Koch	A	A	P
			30	Konishi	A	A	P
			32	Kennedy	A	A	P
			33	Bjorkman	A	A	P
			34	Sternberg	A	A	P
			35	Abelson	A	A	P
			36	Baltimore	A	A	P
			37	Strauss	A	A	P
			38	Strauss	A	A	P
			39	Parker	A	A	P
			40	Chan	A	A	P
			41	Schuman	A	A	P
			42	Pierce	A	A	P
			43	Hay	A	A	P
44	Jensen	A	A	P			
45	Goddard	A	A	P			
46	Elowitz	A	A	P			
47	Anderson	A	A	P			
Bi 023	+	Biology Tutorial	01	Watson	OM,W 16:00 - 16:55	231 BBB	P
		<i>1) Mental States of Anthropoid Primates 2)</i>	02	Bertani	OM,W 16:00 - 16:55	101 KRK	P
		<i>Special Topics about Bacteria (max 5) 3)</i>	03	Komeili	OM,W 16:00 - 16:55	015 NMD	P
		<i>Internal Architecture of Prokaryotic Cells (min</i>	04	Van Buskirk	OM,W 16:00 - 16:55	101 KRK	P
		<i>5)4) RNA in development and disease (min 5) 5)</i>	05	Hinman	OM,W 16:00 - 16:55	024 KRK	P
		<i>Evolution and Development 6) Molecular Basis</i>	06	Lum	OM,W 04:00 - 04:55	300 BRD	P
		<i>of Disease in the News 7)Anatomy of Behavior</i>	07	Anderson	A	A	P

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<b>BIOLOGY</b>							
Bi 023	3-0-0	Biology Tutorial <i>1) Mental States of Anthropoid Primates 2) Special Topics about Bacteria (max 5) 3) Internal Architecture of Prokaryotic Cells (min 5) 4) RNA in development and disease (min 5) 5) Evolution and Development 6) Molecular Basis of Disease in the News 7) Anatomy of Behavior</i>	08	Newman	A	A	P
Bi 090C	+	Undergraduate Thesis	01	Benzer	A	A	P
			02	Davidson	A	A	P
			03	Koch	A	A	P
			04	Konishi	A	A	P
			05	Lester	A	A	P
			06	Mayo	A	A	P
			07	Meyerowitz	A	A	P
			08	Patterson	A	A	P
			09	Revel	A	A	P
			10	Rothenberg	A	A	P
			11	Schuman	A	A	P
			12	Sternberg	A	A	P
			13	Wold	A	A	P
			14	Fraser	A	A	P
Ph/Bi 103B	3-0-6	Neuroscience for Physicists and Engineers	01	Pine	OM,M 16:00 - 16:55	325 KRK	P
Bi/Ch 113	4-0-8	Biochemistry of the Cell	01	Chan	TR 11:00 - 11:55	100 - Rock Auditorium BRD	
Bi 115	2-0-4	Virology	01	Strauss	OM,M 16:00 - 16:55	101 KRK	
CNS/Bi 120	4-0-5	The Neuronal Basis of Visual Consciousness	01	Koch	WF 13:00 - 14:25	070 MRE	
SS/Psy/Bi/CNS 140	3-0-6	Social Neuroscience <b>** NEW COURSE **</b> <i>Course description available <a href="http://www.hss.caltech.edu/courses">www.hss.caltech.edu/courses</a> --</i>	01	Adolphs	MW 10:30 - 11:55	25 BAX	

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<b>BIOLOGY</b>							
Bi/CNS 158	3-0-6	Vertebrate Evolution	01	Allman	F 13:00 - 15:55	119 KRK	
Bi/CNS 162	2-7-3	Cellular and Sytems Neuroscience Laboratory <i>Maximum enrollment: 18 students ~~ Biology Seniors Only! All other interested students, please sign up at Broad 265 by 3/11</i>	01	Schuman / Laurent	T 13:00 - 16:55	056 CHR	P
Bi 188	2-0-4	Human Genetics and Genomics	01	Wold	M 13:00 - 14:55	024 KRK	
Bi 226	2-0-4	Topics in Genetics	01	Sternberg / Deshaies / Hay	R 19:00 - 20:55	101 KRK	
Ch/Bi 231	2-0-4	Advanced Topics in Biochemistry	01	Parker	F 16:30 - 17:25	151 BRN	
Ge/Bi 244B	5-0-0	Paleobiology Seminar	01	Kirschvink	R 19:30 - 22:25	151 ARM	G
Bi/BMB 251C	1-0-0	Current Research in Cellular and Molecular Biology	01	Deshaies / Sternberg / Hay	W 12:00 - 12:55	24 BBB	P
Bi 252	2-0-2	Responsible Conduct of Research	01	Meyerowitz / Sternberg	M 14:00 - 15:55	134 (Auditorium) BCK	
Bi 270	4-0-2	Special Topics in Biology	01	Staff	A	A	P
CNS/Bi 286C	+	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	Andersen	A	A	P
			05	Anderson	A	A	P
			06	Arnold	A	A	P
			07	Attardi	A	A	P
			08	Baltimore	A	A	P

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<b>BIOLOGY</b>							
Bi 299	+	Graduate Research	09	Benzer	A	A	P
			10	Bjorkman	A	A	P
			11	Bronner-Fraser	A	A	P
			12	Campbell	A	A	P
			13	Chan	A	A	P
			14	Davidson	A	A	P
			15	Deshaies	A	A	P
			16	Dickinson	A	A	P
			17	Dougherty	A	A	P
			18	Dunphy	A	A	P
			19	Fraser	A	A	P
			20	Goddard	A	A	P
			21	Hay	A	A	P
			22	Kennedy	A	A	P
			23	Koch	A	A	P
			24	Konishi	A	A	P
			25	Laurent	A	A	P
			26	Lester	A	A	P
			27	Lewis	A	A	P
			28	Mayo	A	A	P
			29	Meyerowitz	A	A	P
			30	Newman	A	A	P
			31	Parker	A	A	P
			32	Patterson	A	A	P
			33	Perona	A	A	P
			34	Pine	A	A	P
			35	Rees	A	A	P
			36	Richards	A	A	P
			37	Rothenberg	A	A	P
			38	Schuman	A	A	P
			39	Shimojo	A	A	P
			40	Simon	A	A	P
			41	Sternberg	A	A	P

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<b>BIOLOGY</b>							
Bi 299	+	Graduate Research	42	Strauss	A	A	P
			43	Varshavsky	A	A	P
			44	Winfrey	A	A	P
			45	Wold	A	A	P
			46	Zinn	A	A	P
			47	Quake	A	A	P
			48	Jensen	A	A	P
			49	Leadbetter	A	A	P
			50	Elowitz	A	A	P
			51	Adolphs	A	A	P
			<b>BUSINESS ECONOMICS &amp; MANAGEMENT</b>				
BEM106	3-0-6	Competitive Strategy <b>** NEW COURSE **</b> <i>Course description available <a href="http://www.hss.caltech/courses">www.hss.caltech/courses</a> -- Maximum enrollment: 40 students per section</i>	01	McAfee	MW 10:30 - 11:55	127 BAX	
			02	McAfee	MW 13:00 - 14:25	25 BAX	
<b>CHEMICAL ENGINEERING</b>							
ChE064	3-0-6	Principles of Chemical Engineering	01	Seinfeld	MWF 10:00 - 10:55	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

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<b>CHEMICAL ENGINEERING</b>							
ChE080	+	Undergraduate Research	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
			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
			41	Haile	A	A	P
ChE090B	0-4-5	Senior Thesis	01	Davis	A	A	G
ChE103C	3-0-6	Transport Phenomena	01	Davis	TR 13:00 - 14:25	106 SPL	G

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<b>CHEMICAL ENGINEERING</b>							
Ch/ChE 140B	4-0-2	Principles and Applications of Semiconductor Photoelectrochemistry	01	Lewis	TR 13:00 - 14:25	132 NYS	G
ChE189	3-0-6	Special Topics in Materials Processing	01	Giapis	A	A	
ChE/BE 210	3-0-6	Cellular Engineering	01	Asthagiri	TR 09:00 - 10:25	106 SPL	G
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

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<b>CHEMICAL ENGINEERING</b>							
ChE280	+	Chemical Engineering Research	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
			34	Roberts	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	Seinfeld	A	A	P
			41	Yung	A	A	P
			42	Heath	A	A	P
			43	Heath	A	A	P
44	Smolke	A	A	P			
45	Haile	A	A	P			
<b>CHEMISTRY</b>							
Ch/APh 002	4-0-5	Introduction to Energy Sciences	01	Lewis / Rees / Bellan	T 10:00 - 10:55 WF 13:00 - 13:55	100 - Rock Auditorium BRD 100 - Rock Auditorium BRD	G
Ch 003A	0-5-1	Fundamental Techniques of Experimental Chemistry <i>Maximum enrollment: 20 students per section - - ALL SECTIONS FULL</i>	01	Raymond	M 08:00 - 09:55 M 13:00 - 15:55	107 MEAD 107 MEAD	P
			02	Raymond	T 08:00 - 09:55 T 13:00 - 15:55	107 MEAD 107 MEAD	P
			03	Raymond	W 08:00 - 09:55	107 MEAD	P
					W 13:00 - 15:55	107 MEAD	
			04	Raymond	R 08:00 - 09:55	107 MEAD	P
					R 13:00 - 15:55	107 MEAD	
05	Raymond	F 08:00 - 09:55	107 MEAD	P			

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<b>CHEMISTRY</b>							
Ch 003A	0-5-1	Fundamental Techniques of Experimental Chemistry <i>Maximum enrollment: 20 students per section - - ALL SECTIONS FULL</i>	05	Raymond	F 13:00 - 15:55	107 MEAD	P
Ch 003B	1-6-1	Experimental Procedures of Synthetic Chemistry <i>Maximum enrollment: 12 students per section - - ALL SECTIONS FULL</i>	01	Raymond	T 08:00 - 10:55 T 13:00 - 15:55 OM,M 14:00 - 14:55	105 MEAD 105 MEAD 132 NYS	G
			02	Raymond	W 08:00 - 10:55 W 13:00 - 15:55 OM,M 14:00 - 14:55	105 MEAD 105 MEAD 132 NYS	G
			03	Raymond	T 08:00 - 10:55 W 08:00 - 10:55 OM,M 14:00 - 14:55	105 MEAD 105 MEAD 132 NYS	G
			04	Raymond	T 08:00 - 10:55 R 08:00 - 10:55 OM,M 14:00 - 14:55	105 MEAD 105 MEAD 132 NYS	G
			05	Raymond	W 08:00 - 10:55 R 08:00 - 10:55 OM,M 14:00 - 14:55	105 MEAD 105 MEAD 132 NYS	G
			06	Raymond	T 08:00 - 10:55 W 13:00 - 15:55 OM,M 14:00 - 14:55	105 MEAD 105 MEAD 132 NYS	G
			07	Raymond	W 08:00 - 10:55 T 13:00 - 15:55 OM,M 14:00 - 14:55	105 MEAD 105 MEAD 132 NYS	G
			08	Raymond	R 08:00 - 10:55 T 13:00 - 15:55 OM,M 14:00 - 14:55	105 MEAD 105 MEAD 132 NYS	G
			09	Raymond	R 08:00 - 10:55 W 13:00 - 15:55 OM,M 14:00 - 14:55	105 MEAD 105 MEAD 132 NYS	G
			10	Raymond	T 13:00 - 15:55 W 13:00 - 15:55	105 MEAD 105 MEAD	G

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<b>CHEMISTRY</b>							
Ch 003B	1-6-1	Experimental Procedures of Synthetic Chemistry <i>Maximum enrollment: 12 students per section - - ALL SECTIONS FULL</i>	10	Raymond	OM,M 14:00 - 14:55	132 NYS	G
Ch 005A	1-9-2	Advanced Techniques of Synthesis and Analysis	01	Dougherty	T 16:00 - 16:55	151 CRL	
Ch 006B	0-6-4	Application of Physical Methods to Chemical Problems	01	Okumura / Beauchamp / Collier	OM,T 14:00 - 14:55	33 NYS	
Ch 007	1-6-2	Advanced Experimental Methods in Bioorganic Chemistry	01	Dervan	OM,F 15:00 - 15:55	356 CRL	
Ch 010C	1-4-1	Frontiers in Chemistry	01	Grubbs / Barton	R 12:00 - 12:55	115 BCK	P
Ch 021C	3-0-6	The Physical Description of Chemical Systems	01	Okumura	MWF 13:00 - 13:55	132 NYS	
Ch 024B	3-0-6	Introduction to Biophysical Chemistry	01	Roberts	MWF 11:00 - 11:55	132 NYS	G
Ch 041C	3-0-6	Organic Chemistry	01	Stoltz	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

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<b>CHEMISTRY</b>							
Ch 080	+	Chemical Research	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
			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 081	+	Independent Reading in Chemistry	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

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<b>CHEMISTRY</b>							
Ch 081	+	Independent Reading in Chemistry	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
			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

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<b>CHEMISTRY</b>							
Bi/Ch 113	4-0-8	Biochemistry of the Cell	01	Chan	TR 11:00 - 11:55	100 - Rock Auditorium BRD	
Ch 120C	1-1-4	Nature of the Chemical Bond	01	Goddard	MWF 14:00 - 14:55	115 BCK	
Ch 121B	3-1-5	Atomic Level Simulations of Materials and Molecules	01	Goddard	MWF 14:00 - 14:55	115 BCK	
Ch 125C	3-0-6	The Elements of Quantum Chemistry	01	Weitekamp	MWF 11:00 - 11:55	153 NYS	G
Ch 126	3-0-6	Molecular Spectra and Molecular Structure	01	Collier / Zewail	MWF 11:00 - 11:55	147 NYS	G
Ch/ChE 140B	4-0-2	Principles and Applications of Semiconductor Photoelectrochemistry	01	Lewis	TR 13:00 - 14:25	132 NYS	G
Ch 154B	3-0-6	Organometallic Chemistry	01	Peters	TR 10:30 - 11:55	132 NYS	G
ESE/Ge/Ch 171	3-0-6	Atmospheric Chemistry I	01	Wennberg / Seinfeld	MWF 14:00 - 14:55	162 SMD	
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

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<b>CHEMISTRY</b>										
Ch 180	+	Chemical Research	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			
			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 212	3-0-6	Bioinorganic Chemistry	01	Barton	MW 09:30 - 10:55	115 BCK	G
			Ch 213C	1-0-11	Advanced Ligand Field Theory	01	Gray	F 13:00 - 13:55	408 BCK	G
			Ch 224	2-0-7	Advanced Topics in Magnetic Resonance	01	Weitekamp	TR 09:00 - 09:55	153 NYS	

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<b>CHEMISTRY</b>							
Ch 227B	3-0-6	Advanced Topics in Chemical Physics <i>Taught concurrently with Ph/EE 118</i>	01	Heath / Roukes	TF 14:30 - 15:55	107 DWN	P
Ch 228	3-0-6	The Dynamics of the Chemical Bond	01	Zewail	TR 16:00 - 17:25	113 NYS	G
Ch/Bi 231	2-0-4	Advanced Topics in Biochemistry	01	Parker	F 16:30 - 17:25	151 BRN	
Ch 280	+	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 280	+	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
			40	Fraser	A	A	P
			41	Atwater	A	A	P
			42	Pierce	A	A	P
			43	Hoffmann	A	A	P
			44	Heath	A	A	P
			45	Quake	A	A	P
			46	Adkins	A	A	P
47	Davidson	A	A	P			
48	Wennberg	A	A	P			
49	Adami	A	A	P			
50	Hoffmann	A	A	P			
<b>CIVIL ENGINEERING</b>							
ME/CE 096	+	Mechanical Engineering Laboratory	01	Phillips	MW 13:00 - 13:55	0018 TOM	G
Ae/Aph/CE/ME 101C	3-0-6	Fluid Mechanics	01	Brennen	MWF 10:00 - 10:55	101 GUG	G
Ae/AM/CE/ME 102C	3-0-6	Mechanics of Structures and Solids	01	Ravichandran / Ortiz	TR 09:00 - 10:25	101 GUG	G

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<b>CIVIL ENGINEERING</b>							
CE 130C	1-0-0	Civil Engineering Seminar	01	Hall	R 16:00 - 16:55	206 TOM	P
CE 160C	3-0-6	Structural and Earthquake Engineering	01	Hall	TR 10:30 - 11:55	08 TOM	G
CE 180	1-5-3	Experimental Methods in Earthquake Engineering	01	Staff	OM,M 14:00 - 14:25	210 TOM	G
CE 200	+	Advanced Work in Civil Engineering	01	Porter	A A	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
Ae/AM/CE/ME 214C	3-0-6	Computational Solid Mechanics	01	Leroy	MW 10:00 - 10:55 T 01:00 - 01:55	308 FIR 308 FIR	P
CE 300	+	Research in Civil Engineering	01 02 03 04 05 07	Beck Hall Heaton Iwan Ortiz Wennberg	A A A A A A	A A A A A A	P P P P P P
<b>COMPUTATION &amp; NEURAL SYS</b>							
CNS/Bi 120	4-0-5	The Neuronal Basis of Visual Consciousness	01	Koch	WF 13:00 - 14:25	070 MRE	
SS/Psy/Bi/CNS 140	3-0-6	Social Neuroscience <b>** NEW COURSE **</b> <i>Course description available <a href="http://www.hss.caltech.edu/courses">www.hss.caltech.edu/courses</a> -- Maximum enrollment: 40 students</i>	01	Adolphs	MW 10:30 - 11:55	25 BAX	

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<b>COMPUTATION &amp; NEURAL SYS</b>							
EE/CNS/CS 148	3-0-6	Selected Topics in Computational Vision	01	Perona	TR 10:00 - 11:55	102 STL	
Bi/CNS 158	3-0-6	Vertebrate Evolution	01	Allman	F 13:00 - 15:55	119 KRK	
Bi/CNS 162	2-7-3	Cellular and Sytems Neuroscience Laboratory <i>Maximum enrollment: 18 students ~~ Biology Seniors Only! All other interested students, please sign up at Broad 265 by 3/11</i>	01	Schuman / Laurent	T 13:00 - 16:55	056 CHR	P
CS/CNS 171	3-6-3	Introduction to Computer Graphics Laboratory	01	Barr	MW 10:30 - 11:55	74 JRG	
CS/CNS 174	3-6-3	Computer Graphics Projects	01	Barr	A	A	
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	Winfree	A	A	P
CNS180	+	Research in Computation and Neural Systems	01	Abu-Mostafa	A	A	P
			02	Adami	A	A	P

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<b>COMPUTATION &amp; NEURAL SYS</b>										
CNS180	+	Research in Computation and Neural Systems	03	Allman	A	A	P			
			04	Andersen	A	A	P			
			05	Arnold	A	A	P			
			06	Bruck	A	A	P			
			07	Burdick	A	A	P			
			08	Chandy	A	A	P			
			09	Dickinson	A	A	P			
			10	Fraser	A	A	P			
			11	Koch	A	A	P			
			12	Konishi	A	A	P			
			13	Laurent	A	A	P			
			14	Quartz	A	A	P			
			15	Perona	A	A	P			
			16	Psaltis	A	A	P			
			17	Schuman	A	A	P			
			18	Shimojo	A	A	P			
			19	Siapas	A	A	P			
			20	Sternberg	A	A	P			
			21	Winfrey	A	A	P			
			22	Wold	A	A	P			
			23	Kennedy	A	A	P			
			CNS280	+	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	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	Perona	A				A	P			

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<b>COMPUTATION &amp; NEURAL SYS</b>							
CNS280	+	Research in Computation and Neural Systems	13	Psaltis	A	A	P
			14	Schuman	A	A	P
			15	Shimojo	A	A	P
			16	Siapas	A	A	P
			17	Sternberg	A	A	P
			18	Wold	A	A	P
			19	Winfree	A	A	P
			20	Lester	A	A	P
			21	Dickinson	A	A	P
			22	Quartz	A	A	P
			23	Newman	A	A	P
			24	Hajimiri	A	A	P
			CNS/Bi 286C	+	Special Topics in Computation and Neural Systems	01	Staff
<b>COMPUTER SCIENCE</b>							
CS 003	2-4-3	Introduction to Software Engineering	01	Kapur	MW 14:00 - 14:55	74 JRG	P
Ma/CS 006C	3-0-6	Introduction to Discrete Mathematics	01	Rosendal	MWR 13:00 - 13:55	153 SLN	
CS 011	0-3-0	Computer Language Shop	01	Brantley / Vanier	OM,M 20:00 - 20:55	74 JRG	P
EE/CS/Mu 017C	+	Projects in Music and Science <i>Instructors Permission Required</i>	01	Boyk	OM,W 11:00 - 11:55	2c WINN	P
CS 024	3-3-3	Introduction to Computing Systems	01	DeHon / Hickey	MWF 15:00 - 15:55	74 JRG	G
CS 038	3-0-6	Introduction to Algorithms	01	Schulman	MW 10:30 - 11:55	134 (Auditorium) BCK	G
EE/CS 052	1-11-0	Microprocessor System Laboratory	01	George	MWF 15:00 - 15:55	070 MRE	

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<b>COMPUTER SCIENCE</b>							
EE/CS 053	+	Microprocess Project Laboratory	01	George	OM,W 16:30 - 17:25	070 MRE	
EE/CS 054	+	Advanced Microprocessor Projects Laboratory	01	George	OM,W 16:30 - 17:25	070 MRE	
EE/CS 080C	9-0-0	Senior Thesis	01	Potter	A	A	G
CS 081C	+	Undergraduate Laboratory in Computer Science	01	Barr	A	A	P
			02	Chandy	A	A	P
			03	DeHon	A	A	P
			04	George	A	A	P
			05	Hickey	A	A	P
			06	Low	A	A	P
			07	Martin	A	A	P
			08	Murray	A	A	P
			09	Perona	A	A	P
			10	Schroder	A	A	P
			11	Schulman	A	A	P
			12	Winfree	A	A	P
			13	Brantley	A	A	P
CS 090	+	Undergraduate 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	Schulman	A	A	P
			12	Winfree	A	A	P
			13	Schroder	A	A	P

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<b>COMPUTER SCIENCE</b>							
CS 090	+	Undergraduate Research in Computer Science	14	Umans	A	A	P
			15	Nystroem	A	A	P
CS 101C	3-0-6	Special Topics in Computer Science <i>Section 1) Reading in Algorithms ~~ Section 2)</i> <b>CANCELLED</b>	01	Schulman	MW 10:30 - 11:55	134 (Auditorium) BCK	G
CS 102C	0-0-0	Seminar in Computer Science: Design Patterns for Reconfigurable Computing <i>Units (2-0-1)</i>	01	DeHon	M 18:00 - 19:55	84 JRG	P
EE/CS 107C	+	Projects in Music and Science <i>Instructors Permission Required</i>	01	Boyk	OM,W 11:00 - 11:55	2c WINN	P
CS/EE 137B	3-3-3	Electronic Design Automation	01	DeHon	MW 09:00 - 10:25	84 JRG	
CS 141C	3-3-3	Distributed Computation Laboratory	01	Chandy	TR 10:30 - 11:55	74 JRG	
CS/EE 145C	0-0-9	Networking	01	Low	OM,W 13:00 - 14:25	287 JRG	
EE/CNS/CS 148	3-0-6	Selected Topics in Computational Vision	01	Perona	TR 10:00 - 11:55	102 STL	
CS 151	3-0-6	Complexity Theory	01	Umans	TR 10:30 - 11:55	287 JRG	
CS/CNS 171	3-6-3	Introduction to Computer Graphics Laboratory	01	Barr	MW 10:30 - 11:55	74 JRG	
CS/CNS 174	3-6-3	Computer Graphics Projects	01	Barr	A	A	
CS 180	+	Master's Thesis Research	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

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<b>COMPUTER SCIENCE</b>							
CS 180	+	Master's Thesis Research	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
15	Wold	A	A	P			
CS 185C	3-3-3	Asynchronous Vlsi Design Laboratory	01	Martin	TR 13:15 - 14:35	74 JRG	G
Ph/CS 219C	3-0-6	Quantum Computation	01	Preskill	T 13:00 - 14:25	269 LAU	
					R 14:30 - 15:55	269 LAU	
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 282C	+	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

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<b>COMPUTER SCIENCE</b>							
CS 282C	+	Reading in Computer Science	06	Hickey	A	A	P
			07	Low	A	A	P
			08	Murray	A	A	P
			09	Perona	A	A	P
			10	Schroder	A	A	P
			11	Schulman	A	A	P
			12	Winfree	A	A	P
CS 286C	+	Seminar In Computer Science ***NEW Course for Spring Term***	01	Schroder	WF 13:00 - 14:25	102 STL	
<b>CONTROL &amp; DYNAMICAL SYSTEMS</b>							
CDS111	3-3-3	Applications of Control Technology	01	MacMartin	MW 14:00 - 14:55	306 TOM	
Ae/CDS 125C	3-0-6	Space Missions and Systems Engineering	01	Sercel	T 17:00 - 18:25	202 GUG	G
CDS221	3-0-6	Control of Nonlinear Systems	01	Dunbar	TR 13:00 - 14:55	125 STL	
CDS273	1-0-5	Frontiers in Control & Dynamical Systems	01	Murray	OM,W 15:30 - 15:55	104 WAT	G
CDS300C	+	Research in Control and Dynamical Systems	01	Burdick	A	A	P
			02	Doyle	A	A	P
			03	Koch	A	A	P
			04	Mabuchi	A	A	P
			05	Marsden	A	A	P
			06	Murray	A	A	P
			07	Perona	A	A	P
			08	Quartz	A	A	P
<b>CORE</b>							
Core001B	2-0-0	Scientific Writing <i>Maximum enrollment: 120 students</i>	01	Pierce	A	A	G

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<b>ECONOMICS</b>							
Ec 011	3-0-6	Introduction to Economics	01	Wilkie	MWF 13:00 - 13:55	107 DWN	
Ec/SS 020	2-0-1	Oral Presentation <i>By permission of instructor only!</i>	01	Bossaerts	A	A	
Ec 101	3-0-6	Selected Topics in Economics: Economic Progress	01	Border / Hoffman	TR 14:30 - 15:55	25 BAX	
Ec 106	3-0-6	Topics in Applied Industrial Organization	01	Dubin	MW 10:30 - 11:55	315 BAX	
Ec 123	3-0-6	Macroeconomics	01	Border	TR 10:30 - 11:55	25 BAX	
Ec/PS 160C	3-0-6	Laboratory Experiments in the Social Sciences	01	Plott	TR 08:30 - 09:55	218 BAX	
Ec/PS 172	3-0-6	Noncooperative Games In Social Sciences	01	Echenique	TR 13:00 - 14:25	125 BAX	
<b>ELECTRICAL ENGINEERING</b>							
EE/CS/Mu 017C	+	Projects in Music and Science <i>Instructors Permission Required</i>	01	Boyk	OM,W 11:00 - 11:55	2c WINN	P
EE 040	3-0-6	Introduction to Solid State Sensors and Actuators	01	Tai	MW 13:00 - 14:25	080 MRE	
EE/CS 052	1-11-0	Microprocessor System Laboratory	01	George	MWF 15:00 - 15:55	070 MRE	
EE/CS 053	+	Microprocess Project Laboratory	01	George	OM,W 16:30 - 17:25	070 MRE	
EE/CS 054	+	Advanced Microprocessor Projects Laboratory	01	George	OM,W 16:30 - 17:25	070 MRE	
EE 055	0-9-0	Advanced Digital Design Laboratory	01	George	OM,W 16:30 - 17:25	070 MRE	

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<b>ELECTRICAL ENGINEERING</b>							
EE/CS 080C	9-0-0	Senior Thesis	01	Potter	A	A	G
EE 090	1-8-0	Analog Electronics Project Laboratory	01	Megdal	R 15:00 - 15:55	080 MRE	G
EE 099	+	Advanced Work in Electrical Engineering	01	George	A	A	P
			02	Perona	A	A	P
			03	Scherer	A	A	P
			04	Hajimiri	A	A	P
EE 105	3-3-3	Application-Specific Computers	01	George	TR 14:30 - 15:55	070 MRE	
EE/CS 107C	+	Projects in Music and Science <i>Instructors Permission Required</i>	01	Boyk	OM,W 11:00 - 11:55	2c WINN	P
EE 112B	3-0-6	Digital Signal Processing	01	Vaidyanathan	TR 13:00 - 14:25	080 MRE	
Ph/EE 118B	3-0-6	Low-Noise Electronic Measurement <i>Taught concurrently with Ch 227B</i>	01	Roukes / Heath	TF 14:30 - 15:55	107 DWN	P
EE/Ma 127B	3-0-6	Error-Correcting Codes	01	McEliece	MWF 09:00 - 09:55	080 MRE	
APh/EE 132	3-0-6	Fourier Optics	01	Psaltis	TR 10:30 - 11:55	239 MRE	
CS/EE 137B	3-3-3	Electronic Design Automation	01	DeHon	MW 09:00 - 10:25	84 JRG	
CS/EE 145C	0-0-9	Networking	01	Low	OM,W 13:00 - 14:25	287 JRG	
EE/CNS/CS 148	3-0-6	Selected Topics in Computational Vision	01	Perona	TR 10:00 - 11:55	102 STL	
EE 150	3-0-3	Topics in Electrical Engineering	01	Yang	TR 13:00 - 14:25	070 MRE	
		<i>Section 1 - Selected Topics in Optics (3-0-6)</i>	02	Yeh	F 10:00 - 11:55	080 MRE	
		<i>~~ Section 2 - Multicarrier Communications</i>					



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<b>ELECTRICAL ENGINEERING</b>							
EE 291	+	Advanced Work in Electrical Engineering	22	Quake	A	A	P
			23	Quartz	A	A	P
			24	Roukes	A	A	P
			25	Rutledge	A	A	P
			26	Scherer	A	A	P
			27	Scoville	A	A	P
			28	Tai	A	A	P
			29	Vaidyanathan	A	A	P
			30	Yariv	A	A	P
			31	Zmuidzinas	A	A	P
			32	Yang	A	A	P
			33	Painter	A	A	P
			34	Martin	A	A	P
			35	Avouac	A	A	P
			<b>ENGINEERING</b>				
E 010	1-0-2	Technical Seminar Presentations <i>Org. meeting for all sections in Keck 142 T 7:30pm</i>	01	Fender	OM,T 19:30 - 20:25 M 09:00 - 09:55	142 KCK 142 KCK	G
			02	Fender	OM,T 19:30 - 20:25 M 10:00 - 10:55	142 KCK 142 KCK	G
			03	Fender	OM,T 19:30 - 20:25 M 11:00 - 11:55	142 KCK 142 KCK	G
			04	Fender	OM,T 19:30 - 20:25 W 09:00 - 09:55	142 KCK 142 KCK	G
			05	Fender	OM,T 19:30 - 20:25 W 10:00 - 10:55	142 KCK 142 KCK	G
			06	Fender	OM,T 19:30 - 20:25 W 11:00 - 11:55	142 KCK 142 KCK	G
			07	Fender	OM,T 19:30 - 20:25 F 09:00 - 09:55	142 KCK 142 KCK	G
			08	Fender	OM,T 19:30 - 20:25 F 10:00 - 10:55	142 KCK 142 KCK	G
			09	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>Org. meeting for all sections in Keck 142 T 7:30pm</i>	09	Fender	F 11:00 - 11:55	142 KCK	G
E/ME 103	3-0-6	Management of Technology	01	Pickar	TR 16:00 - 17:25	306 TOM	
E 150C	1-0-0	Engineering Seminar	01	Hall	A	A	P
<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
ESE001	3-0-6	Introduction to Environmental Science and Engineering	01	Hering	T 10:00 - 10:55 WF 14:00 - 14:55	142 KCK 142 KCK	G
ESE090	+	Undergraduate Laboratory Research in Environmental Engineering Science	01 02 03 04 05 06 07 08 09 10 11 12	Adkins Flagan Hering Hoffmann Ingersoll Leadbetter Newman Randerson Seinfeld Wennberg Yung Schneider	A A A A A A A A A A A A	A A A A A A A A A A A A	P P P P P P P P P P P P
ESE100	+	Special Topics in Environmental Engineering Science	01 02 03 04 05 06 07 08 09	Adkins Flagan Hering Hoffmann Ingersoll Leadbetter Newman Randerson Seinfeld	A A A A A A A A A	A A A A A A A A A	P P P P P P P P P

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<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>							
ESE100	+	Special Topics in Environmental Engineering Science	10	Wennberg	A	A	P
			11	Yung	A	A	P
			12	Schneider	A	A	P
ESE116	3-2-4	Aerosol Measurements	01	Flagan	MWF 15:00 - 15:55	102 SPL	G
ESE/Ge 148C	3-0-6	Global Environmental Science: Biogeochemical Cycles	01	Leadbetter	TR 14:30 - 15:55	142 KCK	G
Ge/ESE 149	3-0-6	Marine Geochemistry	01	Adkins	MWF 11:00 - 11:55	215 NMD	
ESE150C	1-0-0	Seminar in Environmental Science and Engineering	01	Leadbetter	W 16:00 - 16:55	142 KCK	P
ESE/Ge 153	3-0-6	Atmosphere and Ocean Dynamics	01	Schneider / Ingersoll	TR 10:30 - 11:55	215 NMD	
ESE/Ge/Ch 171	3-0-6	Atmospheric Chemistry I	01	Wennberg / Seinfeld	MWF 14:00 - 14:55	162 SMD	
ESE200	+	Advanced Topics in Environmental Engineering	01	Adkins	A	A	P
			02	Flagan	A	A	P
			03	Hering	A	A	P
			04	Hoffmann	A	A	P
			05	Ingersoll	A	A	P
			06	Leadbetter	A	A	P
			07	Newman	A	A	P
			08	Randerson	A	A	P
			09	Seinfeld	A	A	P
			10	Wennberg	A	A	P
			11	Yung	A	A	P
			12	Schneider	A	A	P
			13	Newman	A	A	P
ESE250	+	Advanced Environmental Seminar	01	Adkins	A	A	P
			02	Flagan	A	A	P

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<b>ENVIRONMENTAL SCIENCE &amp; ENGINEERING</b>										
ESE250	+	Advanced Environmental Seminar	03	Hering	A	A	P			
			04	Hoffmann	A	A	P			
			05	Ingersoll	A	A	P			
			06	Leadbetter	A	A	P			
			07	Newman	A	A	P			
			08	Randerson	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	Adkins	A	A	P
						02	Flagan	A	A	P
03	Hering	A				A	P			
04	Hoffmann	A				A	P			
05	Ingersoll	A				A	P			
06	Leadbetter	A				A	P			
07	Newman	A				A	P			
08	Randerson	A				A	P			
09	Seinfeld	A				A	P			
10	Wennberg	A				A	P			
11	Yung	A				A	P			
12	Schneider	A				A	P			
<b>GEOLOGICAL &amp; PLANETARY SCIENCE</b>										
Ge 040	+	Special Problems for Undergraduates	01	Kirschvink	A	A	P			
			02	Albee	A	A	P			
			03	Kamb	A	A	P			
			04	Yung	A	A	P			
			05	Rossmann	A	A	P			
			06	Murray	A	A	P			
			07	Helmberger	A	A	P			
			08	Kanamori	A	A	P			
			09	Asimow	A	A	P			

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<b>GEOLOGICAL &amp; PLANETARY SCIENCE</b>							
Ge 040	+	Special Problems for Undergraduates	10	Burnett	A	A	P
			11	Ingersoll	A	A	P
			12	Blake	A	A	P
			13	Sieh	A	A	P
			14	Stevenson	A	A	P
			15	Stolper	A	A	P
			16	Stock	A	A	P
			17	Silver	A	A	P
			18	Staff	A	A	P
			19	Staff	A	A	P
			20	Sessions	A	A	P
			21	Staff	A	A	P
Ge 111A	3-3-0	Applied Geophysics Seminar	01	Clayton / Stock / Simons	W 09:00 - 10:55	162 SMD	
<b>GEOLOGY</b>							
Ge 001	3-3-3	Earth and Environment	01	Farley	T 10:00 - 10:55 WF 14:00 - 14:55	155 ARM 155 ARM	G
Ge 010	2-0-1	Frontiers in Geological and Planetary Sciences	01	Rossman	R 17:30 - 18:55	151 ARM	P
Ge/Ay 011C	3-0-6	Planetary Sciences	01	Brown	MWF 13:00 - 13:55	155 ARM	
Ge 041C	+	Undergraduate Research and Bachelor's Thesis	01	Rossman	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
			09	Sessions	A	A	P
			10	Newman	A	A	P

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<b>GEOLOGY</b>							
Ge 100C	1-0-0	Geology Club	01	Kirschvink	R 16:00 - 16:55	151 ARM	P
Ge/Ay 103	3-0-6	Introduction to the Solar System	01	Brown	MWF 13:00 - 13:55	155 ARM	
Ge 106	+	Introduction to Field and Structural Geology <i>(3-6-3) or (1-4-1) units offered</i>	01	Wernicke	TR 14:30 - 15:55 W 19:00 - 21:55	215 NMD 215 NMD	
Ge 109	1-0-2	Oral Presentation	01	Bikle	TR 09:00 - 09:55 T 13:00 - 14:55	365 SMD 365 SMD	P
Ge 115B	+	Petrology and Petrography: Metamorphic Petrology and Petrography <i>(3-6-3) or (3-0-3) units offered</i>	01	Eiler	MF 10:00 - 10:55 R 11:00 - 11:55 WR 13:00 - 15:55	251 ARM 251 ARM 267 ARM	
Ge 121B	0-9-3	Advanced Field and Structural Geology	01	Saleeby	R 19:00 - 21:55	215 NMD	
Ge 131	3-0-6	Planetary Structure and Evolution	01	Stevenson	MWF 11:00 - 11:55 M 13:00 - 13:55	162 SMD 162 SMD	
Ge 136C	1-0-2	Regional Field Geology of the Southwestern U.S.	01	Kirschvink	OM,F 12:00 - 12:55	151 ARM	P
ESE/Ge 148C	3-0-6	Global Environmental Science: Biogeochemical Cycles	01	Leadbetter	TR 14:30 - 15:55	142 KCK	G
Ge/ESE 149	3-0-6	Marine Geochemistry	01	Adkins	MWF 11:00 - 11:55	215 NMD	
Ge 151A	3-0-6	Fundamentals of Planetary Surfaces	01	Aharonson	TR 13:00 - 14:25 F 15:00 - 15:55	162 SMD 162 SMD	
ESE/Ge 153	3-0-6	Atmosphere and Ocean Dynamics	01	Schneider / Ingersoll	TR 10:30 - 11:55	215 NMD	
EE/Ge 157C	3-0-6	Introduction to the Physics of Remote Sensing	01	Van Zyl	W 12:30 - 13:55 F 12:00 - 13:25	104 WAT 104 WAT	

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<b>GEOLOGY</b>							
Ae/Ge/ME 160C	3-0-6	Continuum Mechanics of Fluids and Solids <i>CANCELLED</i>	01	Rosakis	OM,A	A	
Ge 163	3-0-6	Physics of the Earth's Interior	01	Gurnis	MF 10:00 - 10:55 R 14:00 - 14:55	162 SMD 254 SMD	
Ge 164	3-0-6	Dynamics of the Lithosphere	01	Simons	TR 10:00 - 11:55	162 SMD	
Ge 169B	+	Readings in Geophysics	01	McGuire	A	A	P
ESE/Ge/Ch 171	3-0-6	Atmospheric Chemistry I	01	Wennberg / Seinfeld	MWF 14:00 - 14:55	162 SMD	
Ge 177B	3-3-6	Geology of Earthquakes	01	Avouac	M 14:00 - 14:55 W 16:00 - 16:55 R 13:00 - 13:55 T 13:00 - 15:55	215 NMD 215 NMD 215 NMD 309 NMD	
Ge 179C	1-0-0	Seismological Laboratory Seminar	01	Helmberger	F 16:00 - 16:55	256 SMD	P
Ge 203	3-0-6	Special Topics in Atmospheres and Oceans	01	Yung	M 15:00 - 15:55 W 19:30 - 21:25	176 SMD 176 SMD	
Ge 225C	1-0-0	Planetary Sciences Seminar	01	Aharonson	T 16:00 - 16:55	365 SMD	P
Ge/Bi 244B	5-0-0	Paleobiology Seminar	01	Kirschvink	R 19:30 - 22:25	151 ARM	G
Ge 261	3-0-6	Advanced Seismology	01	Helmberger	MTWR 13:00 - 13:55	254 SMD	
Ge 262	3-0-6	Long Period Seismology	01	Tromp	MW 14:00 - 15:25	357 SMD	
Ge 282C	1-0-0	Division Seminar	01	Tromp	M 16:00 - 16:55	155 ARM	P

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<b>GEOLOGY</b>							
Ge 297	+	Advanced Study	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	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	Newman	A	A	P
			19	Randerson	A	A	P
			20	Richardson	A	A	P
			21	Rosakis	A	A	P
			22	Rossmann	A	A	P
			23	Saleeby	A	A	P
			24	Sieh	A	A	P
			25	Simons	A	A	P
			26	Stevenson	A	A	P
			27	Stock	A	A	P
			28	Stolper	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

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<b>GEOLOGY</b>							
Ge 297	+	Advanced Study	34	Yung	A	A	P
			35	Murray	A	A	P
			36	Avouac	A	A	P
			37	Aharonson	A	A	P
			38	Lapusta	A	A	P
			39	Sessions	A	A	P
Ge 299	+	Thesis Research	01	Adkins	A	A	P
			02	Aharonson	A	A	P
			03	Ahrens	A	A	P
			04	Albee	A	A	P
			05	Asimow	A	A	P
			06	Blake	A	A	P
			07	Brown	A	A	P
			08	Clayton	A	A	P
			09	Eiler	A	A	P
			10	Farley	A	A	P
			11	Goldreich	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	Murray	A	A	P
			18	Newman	A	A	P
			19	Randerson	A	A	P
			20	Richardson	A	A	P
			21	Rosakis	A	A	P
22	Rosman	A	A	P			
23	Saleeby	A	A	P			
24	Sieh	A	A	P			
25	Simons	A	A	P			
26	Stevenson	A	A	P			
27	Stock	A	A	P			

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<b>GEOLOGY</b>							
Ge 299	+	Thesis Research	28	Stolper	A	A	P
			29	Burnett	A	A	P
			30	Tromp	A	A	P
			31	Wasserburg	A	A	P
			32	Yung	A	A	P
			33	Wernicke	A	A	P
			34	Lapusta	A	A	P
<b>HISTORY</b>							
Hum/H 003A	3-0-6	European Civilization: The Classical and Medieval Worlds <i>Maximum enrollment: 15 students</i>	01	Oliver	T 14:00 - 15:55 R 14:00 - 14:55	119 DWN 119 DWN	
H 099C	1-0-8	Research Tutorial	01	Hoffman	A	A	
			02	Brown	A	A	
			03	Deverell	A	A	
H 144	3-0-6	Topics In The History Of American Immigratio <i>Course description available at www.hss.caltech.edu/courses</i>	01	Feldblum	T 19:00 - 21:55	218 BAX	
H/PS 148B	3-0-6	The Supreme Court in U.S. History	01	Kousser	W 19:30 - 22:30	33 BAX	G
HPS/H 160B	3-0-6	Einstein and His Generation: The History of Modern Physical Sciences <i>Location: 363 Hill Street</i>	01	Kormos-Buchwald	W 19:00 - 21:55	House EINSTEIN	
H 161	3-0-6	Selected Topics in History: Consumer Society: The Debate 1950-2000 ~ Course description available at <a href="http://www.hss.caltech.edu/courses">www.hss.caltech.edu/courses</a> <i>Course description available at www.hss.caltech.edu/courses</i>	01	Brewer	MW 14:30 - 15:55	210 BAX	G
HPS/H 162	3-0-6	Social Studies of Science <i>Maximum enrollment: 15 students</i>	01	Feingold	M 19:00 - 21:55	315 BAX	
HPS/H 166	3-0-6	Historical Perspectives on the Relations between Science and Religion	01	Feingold	T 19:00 - 21:55	210 BAX	

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<b>HISTORY</b>							
HPS/H 166	3-0-6	Historical Perspectives on the Relations between Science and Religion <i>Maximum enrollment: 15 students</i>					
HPS/H 168	3-0-6	From Newton's Laboratory to Maxwell's Fields	01	Buchwald	TR 14:30 - 15:55	315 BAX	
H 170D	3-0-6	America at War	01	Deverell	TR 14:30 - 15:55	102 STL	
H 170E	3-0-6	City Life in the Middle Ages	01	Oliver	TR 10:30 - 11:55	315 BAX	
H 170G	3-0-6	Racial Variation and the Evolution of Skin Color	01	James	TR 10:30 - 11:55	127 BAX	
<b>HISTORY AND PHILOSOPHY OF SCIENCE</b>							
HPS103	1-0-0	Public Lecture Series	01	Feingold	A	A	P
HPS/PI 120	3-0-6	Introduction to Philosophy of Science	01	Hitchcock	R 19:15 - 22:15	128 BAX	
HPS/PI 124	3-0-6	Philosophy of Space and Time	01	Hitchcock	T 19:15 - 22:15	25 BAX	
HPS/PI 130	3-0-6	Philosophy and Biology <b>CANCELLED</b>	01	Cowie	MW 13:00 - 14:25	127 BAX	
HPS/PI 132	3-0-6	Introduction to Philosophy of Mind and Psychology	01	Cowie	TR 13:00 - 14:25	128 BAX	
HPS/PI 136	+	Ethics in Research <i>Available 4 units (2-0-2) Pass/Fail Only or 9 units (2-0-7) Letter Grade</i>	01	Woodward / Goodstein	W 19:30 - 21:30	25 BAX	
HPS/H 160B	3-0-6	Einstein and His Generation: The History of Modern Physical Sciences <i>Location: 363 Hill Street</i>	01	Kormos-Buchwald	W 19:00 - 21:55	House EINSTEIN	

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<b>HISTORY AND PHILOSOPHY OF SCIENCE</b>							
HPS/H 162	3-0-6	Social Studies of Science <i>Maximum enrollment: 15 students</i>	01	Feingold	M 19:00 - 21:55	315 BAX	
HPS/H 166	3-0-6	Historical Perspectives on the Relations between Science and Religion <i>Maximum enrollment: 15 students</i>	01	Feingold	T 19:00 - 21:55	210 BAX	
HPS/H 168	3-0-6	From Newton's Laboratory to Maxwell's Fields	01	Buchwald	TR 14:30 - 15:55	315 BAX	
HPS/PI 169	3-0-6	Selected Topics in Philosophy of Science: Rationality and Irrationality <i>Course description available at <a href="http://www.caltech.edu/courses">www.caltech.edu/courses</a></i>	01	Hajek	TW 10:30 - 11:55	33 BAX	
<b>HUMANITIES</b>							
Hum/H 003A	3-0-6	European Civilization: The Classical and Medieval Worlds <i>Maximum enrollment: 15 students</i>	01	Oliver	T 14:00 - 15:55 R 14:00 - 14:55	119 DWN 119 DWN	
Hum 004B	3-0-6	Civilization, Science, and Archaeology: Before Copernicus: Exploration of the Development of Science from Babylon through the Renaissance <i>Maximum enrollment: 15 students</i>	01	Buchwald	W 19:00 - 21:55	237 BAX	
Hum/Lit 006	3-0-6	Major American Authors <i>Maximum enrollment: 15 students</i>	01	Jurca	T 09:00 - 10:55 R 09:00 - 09:55	237 BAX 237 BAX	
Hum/PI 009	3-0-6	Knowledge and Reality <i>Maximum enrollment: 15 students per section</i>	01	Murphy	T 09:00 - 10:55 R 09:00 - 09:55	210 BAX 210 BAX	
			02	Murphy	T 14:00 - 15:55 R 14:00 - 14:55	19 BAX 19 BAX	
Hum119	3-0-6	Selected Topics in Humanities: Histories of Collecting <i>Course description available at <a href="http://www.hss.caltech.edu/courses">www.hss.caltech.edu/courses</a></i>	01	Brewer	M 19:00 - 21:55	237 BAX	
<b>JET PROPULSION</b>							

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>JET PROPULSION</b>							
Ae/JP 103C	3-0-6	Propulsion , Dynamics, and Control of Aircraft	01	Krok	TR 10:30 - 11:55	306 FIR	G
JP 280	+	Research in Jet Propulsion	01	Culick	A	A	P
<b>LANGUAGES</b>							
L 102C	3-1-6	Elementary French	01	De Bedts	MWR 12:00 - 12:55	127 BAX	
L 103C	3-0-6	Intermediate French	01	Orcel	MW 17:00 - 17:55 R 16:00 - 16:55	127 BAX 218 BAX	
L 106C	5-1-4	Elementary Japanese	01	Toner	MTRF 14:00 - 14:55 W 14:00 - 14:55	218 BAX 127 BAX	G
			02	Toner	MTRF 15:00 - 15:55 W 15:00 - 15:55	218 BAX 127 BAX	G
L 107C	5-1-4	Intermediate Japanese <i>With permission of Dr. Hirata only</i>	01	Hirata	MWF 14:00 - 14:55 R 12:00 - 12:55 T 14:00 - 14:55	128 BAX 128 BAX 27 GTS	G
L 108C	3-1-6	Advanced Japanese	01	Hirata	TR 11:00 - 11:55 F 12:00 - 12:55	218 BAX 218 BAX	G
L 110C	3-1-6	Elementary Spanish	01	Garcia	MW 12:00 - 12:55 R 19:00 - 19:55	125 BAX 125 BAX	
			02	Arjona	MW 16:30 - 17:55	210 BAX	
L 112C	3-0-6	Intermediate Spanish	01	Garcia	M 13:00 - 13:55 T 11:00 - 11:55 R 13:00 - 13:55	218 BAX 210 BAX 237 BAX	
L 114C	3-0-6	Topics in Spanish and Latin American Culture and Literature: Heridas de Ciudad <i>Course description available at <a href="http://www.hss.caltech.edu/courses">www.hss.caltech.edu/courses</a></i>	01	Arjona	MW 19:00 - 20:25	210 BAX	

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<b>LANGUAGES</b>							
L 130C	3-1-6	Elementary German	01	Aebi	MW 13:00 - 13:55 R 13:00 - 13:55	237 BAX 107 DWN	
L 132C	3-0-6	Intermediate German	01	Washburn	MW 12:00 - 12:55 R 11:00 - 11:55	210 BAX 210 BAX	
L 140C	3-0-6	German Literature	01	Aebi	MW 14:00 - 14:55 R 14:00 - 14:55	237 BAX 107 DWN	
L/Lit 152B	3-0-6	French Literature in Translation: Classical and Modern <i>May not be taken more than once for credit</i>	01	Orcel	M 14:00 - 14:55 W 12:00 - 12:55 F 11:00 - 11:55	127 BAX 218 BAX 127 BAX	
L 170C	4-1-5	Introduction to Chinese	01	Wang	MWR 19:00 - 19:55	218 BAX	
L 171C	4-1-5	Elementary Chinese	01	Wang	MWR 20:00 - 20:55	218 BAX	
L 172C	4-1-5	Intermediate Chinese	01	Ming	MW 19:00 - 20:25	128 BAX	
L/Lit 174	3-0-6	Topics in Chinese Literature: Chinese Society through Film <i>Course description available at <a href="http://www.caltech.edu/courses">www.caltech.edu/courses</a></i>	01	Ming	T 19:00 - 21:25	237 BAX	
<b>LAW</b>							
Law134	3-0-6	Law and Technology	01	McCaffery	MW 14:00 - 15:25	LecHall BAX	
<b>LITERATURE</b>							
Hum/Lit 006	3-0-6	Major American Authors <i>Maximum enrollment: 15 students</i>	01	Jurca	T 09:00 - 10:55 R 09:00 - 09:55	237 BAX 237 BAX	
Lit070	3-0-6	Drama from the Middle Ages to Moliere <i>Maximum enrollment: 20 students</i>	01	Mandel	TWR 15:00 - 15:55	128 BAX	

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<b>LITERATURE</b>							
Lit085	3-0-6	Writing Poetry <i>Maximum enrollment: 18 students</i>	01	Hall	TR 14:30 - 15:55	33 BAX	
Lit086	3-0-6	Writing Fiction: Realism <i>Maximum enrollment: 12 students</i>	01	Magun	T 19:00 - 21:55	315 BAX	
Lit099	1-0-8	Senior Tutorial for Literature Majors	01 02 03	Jurca Gilmartin King	A A A	A A A	
Lit126	3-0-6	Gothic Fiction	01	Gilmartin	T 19:00 - 21:55	127 BAX	
Lit138	3-0-6	Twain and His Contemporaries	01	Weinstein	W 19:00 - 21:55	315 BAX	
L/Lit 152B	3-0-6	French Literature in Translation: Classical and Modern <i>May not be taken more than once for credit</i>	01	Orcel	M 14:00 - 14:55 W 12:00 - 12:55 F 11:00 - 11:55	127 BAX 218 BAX 127 BAX	
L/Lit 174	3-0-6	Topics in Chinese Literature: Chinese Society through Film <i>Course description available at <a href="http://www.caltech.edu/courses">www.caltech.edu/courses</a></i>	01	Ming	T 19:00 - 21:25	237 BAX	
Lit180	3-0-6	Special Topics in Literature: Introduction to Film Studies: Classical Hollywood Cinema <i>Course description available at <a href="http://www.hss.caltech.edu/courses">www.hss.caltech.edu/courses</a> ~ Must be able to attend film screenings either Sun. or Mon. between 7-11pm. ~Maximum enrollment - 18 students</i>	01	Jurca	T 19:00 - 21:55	125 BAX	
Lit181D	3-0-6	The Literature of American Reform	01	Weinstein	F 15:00 - 17:55	128 BAX	
<b>MATERIALS SCIENCE</b>							
MS 100	+	Advanced Work in Materials Science	01 02	Colonius Ustundag	A A	A A	P P

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<b>MATERIALS SCIENCE</b>										
MS 100	+	Advanced Work in Materials Science	03	Fultz	A	A	P			
			04	Goddard	A	A	P			
			05	Johnson	A	A	P			
			06	Atwater	A	A	P			
			07	Ahn	A	A	P			
			08	Kornfield	A	A	P			
			09	Lange	A	A	P			
			10	Haile	A	A	P			
			11	Staff	A	A	P			
			MS 105	3-0-6	Phase Transformations	01	Johnson	TR 14:30 - 15:55	104 WAT	
			MS 110C	1-0-0	Materials Research Lectures	01	Atwater	W 16:00 - 16:55	106 SPL	
MS 125	1-6-2	Advanced Transmission Electron Microscopy <i>Please contact Dr. Channing Ahn for OM time or any info on MS 132.</i>	01	Ahn	OM,M 11:00 - 11:55	A				
MS 133	3-0-6	Kinetic Processes in Materials	01	Fultz	MWF 10:00 - 10:55	125 BAX				
MS 142	2-3-4	Application of Diffraction Techniques in Materials Science	01	Haile	OM,M 15:00 - 15:55	111 KCK				
MS 200	+	Advanced Work in Materials Science	01	Johnson	A	A	P			
			02	Goddard	A	A	P			
			03	Tombrello	A	A	P			
			04	Fultz	A	A	P			
			05	Cross	A	A	P			
			06	McGill	A	A	P			
			07	Tombrello	A	A	P			
			08	Lange	A	A	P			
			09	Haile	A	A	P			
			10	Atwater	A	A	P			
			11	Ustundag	A	A	P			

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<b>MATERIALS SCIENCE</b>							
MS 200	+	Advanced Work in Materials Science	12	Vreeland	A	A	P
			13	Nicolet	A	A	P
			14	Asimow	A	A	P
			15	Ortiz	A	A	P
			16	Staff	A	A	P
Ae/AM/MS/ME 213C	3-0-6	Mechanics and Materials Aspects of Fracture	01	Rosakis	MW 08:30 - 09:55	306 TOM	
MS 300	+	Thesis Research	01	Johnson	A	A	P
			02	Lange	A	A	P
			03	Vreeland	A	A	P
			04	Goddard	A	A	P
			05	Fultz	A	A	P
			06	Atwater	A	A	P
			07	Asimow	A	A	P
			08	Acosta	A	A	P
			09	Tombrello	A	A	P
			10	Rosakis	A	A	P
			11	Ravichandran	A	A	P
			12	Vahala	A	A	P
			13	Haile	A	A	P
			14	Ustundag	A	A	P
			15	McGill	A	A	P
			16	Cross	A	A	P
<b>MATHEMATICS</b>							
Ma 001C	4-0-5	Calculus of One and Several Variables and Linear Algebra <i>Sections 1-8 Practical Track - Maximum enrollment: 19 students per section ~~~Sections 9-14 Analytical Track - Maximum enrollment: 17 students per section</i>	01	Wales	MWF 10:00 - 10:55 R 10:00 - 10:55	Lecture Hall BAX 151 SLN	G
			02	Wales	MWF 10:00 - 10:55 R 10:00 - 10:55	Lecture Hall BAX 153 SLN	G
			03	Wales	MWF 10:00 - 10:55 R 10:00 - 10:55	151 SLN 159 SLN	G
			04	Wales	MWF 10:00 - 10:55	151 SLN	G

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<b>MATHEMATICS</b>							
Ma 001C	4-0-5	Calculus of One and Several Variables and Linear Algebra <i>Sections 1-8 Practical Track - Maximum enrollment: 19 students per section ~~~Sections 9-14 Analytical Track - Maximum enrollment: 17 students per section</i>	04	Wales	R 10:00 - 10:55	257 SLN	G
			05	Wales	MWF 10:00 - 10:55	151 SLN	G
			06	Wales	R 10:00 - 10:55	11 DWN	
			06	Wales	MWF 10:00 - 10:55	151 SLN	G
			07	Wales	R 13:00 - 13:55	151 SLN	
			07	Wales	MWF 10:00 - 10:55	151 SLN	G
			07	Wales	R 13:00 - 13:55	119 DWN	
			08	Wales	MWF 10:00 - 10:55	151 SLN	G
			08	Wales	R 13:00 - 13:55	159 SLN	
			09	Ramakrishnan	MWF 10:00 - 10:55	22 GTS	G
			09	Ramakrishnan	R 10:00 - 10:55	22 GTS	
			10	Ramakrishnan	MWF 10:00 - 10:55	22 GTS	G
			10	Ramakrishnan	R 10:00 - 10:55	119 DWN	
			11	Ramakrishnan	MWF 10:00 - 10:55	22 GTS	G
11	Ramakrishnan	R 10:00 - 10:55	27 GTS				
12	Ramakrishnan	MWF 10:00 - 10:55	22 GTS	G			
12	Ramakrishnan	R 13:00 - 13:55	27 GTS				
13	Ramakrishnan	MWF 10:00 - 10:55	22 GTS	G			
13	Ramakrishnan	R 13:00 - 13:55	22 GTS				
14	Ramakrishnan	MWF 10:00 - 10:55	22 GTS	G			
14	Ramakrishnan	R 13:00 - 13:55	103 DWN				
Ma 004	3-0-6	Introduction to Mathematical Chaos	01	Kaloshin	MWF 14:00 - 14:55	153 SLN	
Ma 005C	3-0-6	Introduction to Abstract Algebra	01	Wales	MWF 09:00 - 09:55	151 SLN	
Ma/CS 006C	3-0-6	Introduction to Discrete Mathematics	01	Rosendal	MWR 13:00 - 13:55	153 SLN	
Ma 007	4-0-5	Number Theory for Beginners <i>Satisfies the menu requirement of the Caltech Core Curriculum</i>	01	Goins	MWF 14:00 - 14:55	151 SLN	G
			01	Goins	T 10:00 - 10:55	153 SLN	
			02	Goins	MWF 14:00 - 14:55	151 SLN	G
02	Goins	T 13:00 - 13:55	159 SLN				
03	Goins	MWF 14:00 - 14:55	151 SLN	G			

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<b>MATHEMATICS</b>							
Ma 007	4-0-5	Number Theory for Beginners <i>Satisfies the menu requirement of the Caltech Core Curriculum</i>	03	Goins	T 14:00 - 14:55	153 SLN	G
			04	Goins	MWF 14:00 - 14:55	151 SLN	G
					T 13:00 - 13:55	153 SLN	
Ma 092C	+	Senior Thesis	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	Flach	A	A	P
			07	Grinshpan	A	A	P
			08	Kechris	A	A	P
			09	Lorden	A	A	P
			10	Ramakrishnan	A	A	P
			11	Schlag	A	A	P
			12	Simon	A	A	P
			13	Wales	A	A	P
			14	Wilson	A	A	P
			15	Dunfield	A	A	P
			16	Schulman	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	Flach	A	A	P
			07	Grinshpan	A	A	P
			08	Kechris	A	A	P
			09	Lorden	A	A	P
			10	Ramakrishnan	A	A	P
			11	Schlag	A	A	P
			12	Simon	A	A	P
			13	Wales	A	A	P
			14	Wilson	A	A	P

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<b>MATHEMATICS</b>							
Ma 098	+	Independent Reading <i>3 or 6 units</i>	15	Groves	A	A	P
			16	Dunfield	A	A	P
Ma 108C	3-0-6	Classical Analysis	01	Strahov	MWF 11:00 - 11:55	151 SLN	
Ma 109C	3-0-6	Introduction to Geometry and Topology	01	Oh	MWF 10:00 - 10:55	159 SLN	
Ma 110C	3-0-6	Real and Complex Analysis	01	Schlag	MWF 11:00 - 11:55	153 SLN	
Ma 116C	3-0-6	Mathematical Logic and Axiomatic Set Theory	01	Kechris	MTR 13:00 - 13:55	11 DWN	
Ma 120C	3-0-6	Abstract Algebra	01	Kilford	MWF 09:00 - 09:55	153 SLN	
Ma 121C	3-0-6	Combinatorial Analysis	01	Chan	M 14:00 - 14:55 TR 15:00 - 15:55	159 SLN 159 SLN	
EE/Ma 127B	3-0-6	Error-Correcting Codes	01	McEliece	MWF 09:00 - 09:55	080 MRE	
Ma 130C	3-0-6	Algebraic Geometry	01	Baranovsky	TR 14:00 - 15:25	257 SLN	
Ma 140C	3-0-6	Functional Analysis	01	Denissov	T 11:00 - 11:55 R 11:00 - 12:55	153 SLN 153 SLN	
Ma/ACM 144B	3-0-6	Probability	01	Berger	M 12:00 - 13:55 T 12:00 - 12:55	151 SLN 153 SLN	
Ma 145C	3-0-6	Introduction To Unitary Group Representations	01	Borodin	TR 15:00 - 16:25	153 SLN	
Ma 151C	3-0-6	Topology and Geometry	01	Maher	MWF 13:00 - 13:55	159 SLN	
Ma 157B	3-0-6	Geometry And Topology of Manifolds	01	Calegari	MW 15:30 - 16:55	257 SLN	

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<b>MATHEMATICS</b>							
Ma 162C	3-0-6	Topics in Number Theory	01	Ramakrishnan	MW 14:00 - 15:25	253b SLN	
Ma 191H	3-0-6	Harmonic Analysis	01	Goldberg	MW 13:30 - 14:55	257 SLN	
Ma 191I	3-0-6	Special Topics in Statistics	01	Lorden	TR 00:30 - 13:55	253b SLN	
Ma 191J	3-0-6	Geometry and Topology of 3-Manifolds	01	Dunfield	TR 10:00 - 11:25	253b SLN	P
Ma 290	+	Reading	01	Aschbacher	A	A	P
			02	Baranovsky	A	A	P
			03	Bromberg	A	A	P
			04	Calegari	A	A	P
			05	Clemens	A	A	P
			06	Denissov	A	A	P
			07	Flach	A	A	P
			08	Grinshpan	A	A	P
			09	Kechris	A	A	P
			10	Lorden	A	A	P
			11	Makarov	A	A	P
			12	Ramakrishnan	A	A	P
			13	Schlag	A	A	P
			14	Simon	A	A	P
			15	Wales	A	A	P
			16	Wilson	A	A	P
			17	Dunfield	A	A	P
Ma 316C	+	Seminar in Mathematical Logic	01	Kechris	A	A	P
Ma 324C	+	Seminar in Combinatorics	01	Wilson	A	A	P
Ma 325C	+	Seminar in Algebra	01	Aschbacher / Wales	A	A	P

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<b>MATHEMATICS</b>							
Ma 345C	+	Seminar in Analysis	01	Kaloshin / Borodin / Makarov / Schlag	A	A	P
Ma 348C	+	Seminar in Mathematical Physics	01	Simon	A	A	P
Ma 351C	+	Seminar in Topology	01	Calegari / Dunfield / Oh	A	A	P
Ma 360C	+	Seminar in Number Theory	01	Ramakrishnan / Flach	A	A	P
Ma 390	+	Research	01	Aschbacher	A	A	P
			02	Baranovsky	A	A	P
			03	Bromberg	A	A	P
			04	Preskill	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	Calegari	A	A	P
			17	Marsden	A	A	P
			18	Dunfield	A	A	P
Ma 392	+	Research Conference	01	Staff	A	A	P
<b>MECHANICAL ENGINEERING</b>							

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<b>MECHANICAL ENGINEERING</b>							
ME 019C	3-0-6	Fluid Mechanics and Gasdynamics	01	Colonus	TR 09:00 - 10:25	306 TOM	G
AM/ME 035C	3-0-6	Statics and Dynamics	01	Hall	MWF 14:00 - 14:55	206 TOM	G
ME 071	3-5-1	Introduction to Engineering Design <i>Requires the completion of a questionnaire available at the Registrar's office ~~ Maximum enrollment: 32 students</i>	01	Burdick / Cham	TR 10:30 - 11:55	306 TOM	G
ME 090C	0-9-0	Senior Thesis, Experimental	01	Hunt	A	A	G
ME 091C	0-0-9	Senior Thesis, Analytical	01	Hunt	A	A	G
ME/CE 096	+	Mechanical Engineering Laboratory	01	Phillips	MW 13:00 - 13:55	0018 TOM	G
ME 100	+	Advanced Work in Mechanical Engineering	01 02 03 04 05 06 07 08 09	Antonsson Brennen Burdick Colonus Culick Hunt Murray Phillips Cham	A A A A A A A A A	A A A A A A A A A	P P P P P P P P P
Ae/APh/CE/ME 101C	3-0-6	Fluid Mechanics	01	Brennen	MWF 10:00 - 10:55	101 GUG	G
Ae/AM/CE/ME 102C	3-0-6	Mechanics of Structures and Solids	01	Ravichandran / Ortiz	TR 09:00 - 10:25	101 GUG	G
E/ME 103	3-0-6	Management of Technology	01	Pickar	TR 16:00 - 17:25	306 TOM	

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<b>MECHANICAL ENGINEERING</b>							
ME 110	+	Special Laboratory Work in Mechanical Engineering	01	Burdick	A	A	P
			02	Brennen	A	A	P
			03	Hunt	A	A	P
			04	Brennen	A	A	P
			05	Grote	A	A	P
ME 115B	3-0-6	Introduction to Kinematics and Robotics	01	Collins	MW 09:30 - 10:55	306 TOM	
ME 119C	3-0-6	Heat Transfer and Thermodynamics	01	Goodwin	TR 13:00 - 14:25	010 TOM	
Ae/Ge/ME 160C	3-0-6	Continuum Mechanics of Fluids and Solids <i>CANCELLED</i>	01	Rosakis	OM,A	A	
ME 170	1-0-3	Introduction to Mechanical CAD	01	Cham	R 14:00 - 14:55	306 TOM	G
ME 200	+	Advanced Work in Mechanical Engineering	01	Brennen	A	A	P
			02	Colonus	A	A	P
			03	Goodwin	A	A	P
			04	Hunt	A	A	P
			05	Murray	A	A	P
			06	Phillips	A	A	P
			07	Pickar	A	A	P
			08	Ravichandran	A	A	P
			09	Antonsson	A	A	P
			10	Bhattacharya	A	A	P
			12	Burdick	A	A	P
			13	Colonus	A	A	P
			14	Culick	A	A	P
			15	Lapusta	A	A	P
			16	Ortiz	A	A	P
			Ae/AM/ME 209C	1-0-0	Seminar in Solid Mechanics	01	Ravichandran

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<b>MECHANICAL ENGINEERING</b>							
Ae/AM/MS/ME 213C	3-0-6	Mechanics and Materials Aspects of Fracture	01	Rosakis	MW 08:30 - 09:55	306 TOM	
Ae/AM/CE/ME 214C	3-0-6	Computational Solid Mechanics	01	Leroy	MW 10:00 - 10:55 T 01:00 - 01:55	308 FIR 308 FIR	P
ME 300	+	Research in Mechanical Engineering	01	Bellan	A	A	P
			02	Bhattacharya	A	A	P
			03	Brennen	A	A	P
			04	Burdick	A	A	P
			05	Colonius	A	A	P
			06	Goodwin	A	A	P
			07	Haile	A	A	P
			08	Hunt	A	A	P
			09	Leonard	A	A	P
			10	Murray	A	A	P
			11	Ortiz	A	A	P
			12	Phillips	A	A	P
			13	Shepherd	A	A	P
			14	Culick	A	A	P
			15	Antonsson	A	A	P
			16	Ravichandran	A	A	P
			17	Bockrath	A	A	P
			18	Lapusta	A	A	P
<b>MUSIC</b>							
EE/CS/Mu 017C	+	Projects in Music and Science <i>Instructors Permission Required</i>	01	Boyk	OM,W 11:00 - 11:55	2c WINN	P
Mu 023	3-0-6	Major Figures: Beethoven <i>Description at <a href="http://www.hss.caltech.edu/courses">www.hss.caltech.edu/courses</a></i>	01	Neenan	MW 11:00 - 12:25	19 BAX	
Mu 033	3-0-6	Music of the Age of Enlightenment	01	Neenan	MW 14:30 - 15:55	19 BAX	
<b>PERFORMANCE AND ACTIVITIES</b>							

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<b>PERFORMANCE AND ACTIVITIES</b>							
PA 015C	1-0-2	Student Publications	01	Daily	F 12:15 - 12:55	41 SAC	P
PA 020C	1-0-2	Debate	01	Staff	A	A	P
PA 030C	0-3-0	Women's Glee Club	01	LaVertu	M 19:30 - 21:25 W 17:00 - 17:55	Basement BCK Basement BCK	P
PA 031C	0-3-0	Chamber Music <i>Section 1: Mixed ensembles ~~~ Section 2: Piano four-hands</i>	01	Bing	A	A	P
			02	Gross	A	A	P
PA 032C	0-3-0	Symphony Orchestra	01	Gross	T 19:30 - 22:15	Ramo Auditorium BAX	P
PA 033C	0-3-0	Concert Band	01	Bing	R 19:30 - 21:15	Ramo Auditorium BAX	P
PA 034C	0-3-0	Jazz Band	01	Bing	M 19:30 - 21:15 R 21:30 - 22:55	Ramo Auditorium BAX Ramo Auditorium BAX	P
PA 035C	0-3-0	Guitar	01	Denning	T 16:30 - 17:25	01 SAC	P
			02	Denning	T 15:00 - 15:55	01 SAC	P
			03	Denning	T 17:30 - 18:25	01 SAC	P
PA 036C	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 037C	0-3-0	Chamber Singers	01	Caldwell	T 17:00 - 18:25	A	P
PA 040C	2-0-1	Theater Arts <i>Contact Gavin Claypool for course location.</i>	01	Marneus	R 19:30 - 22:25	A	P
					T 19:30 - 22:25	A	
PA 050C	1-1-1	Health Advocates	01	Stapf	W 19:00 - 21:55	YHC	P
PA 061C	0-3-0	Silkscreen and Airbrush	01	Barry	M 19:00 - 21:55	22 SAC	P

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<b>PERFORMANCE AND ACTIVITIES</b>							
PA 062C	0-3-0	Drawing and Painting	01	Barry	T 19:00 - 21:55	23 SAC	P
PA 063C	0-3-0	Ceramics	01	Freed	W 19:00 - 21:55	Ceramic Room POLY	P
<b>PHILOSOPHY</b>							
Hum/PI 009	3-0-6	Knowledge and Reality <i>Maximum enrollment: 15 students per section</i>	01	Murphy	T 09:00 - 10:55 R 09:00 - 09:55	210 BAX 210 BAX	
			02	Murphy	T 14:00 - 15:55 R 14:00 - 14:55	19 BAX 19 BAX	
HPS/PI 120	3-0-6	Introduction to Philosophy of Science	01	Hitchcock	R 19:15 - 22:15	128 BAX	
HPS/PI 124	3-0-6	Philosophy of Space and Time	01	Hitchcock	T 19:15 - 22:15	25 BAX	
HPS/PI 130	3-0-6	Philosophy and Biology <b>CANCELLED</b>	01	Cowie	MW 13:00 - 14:25	127 BAX	
HPS/PI 132	3-0-6	Introduction to Philosophy of Mind and Psychology	01	Cowie	TR 13:00 - 14:25	128 BAX	
HPS/PI 136	+	Ethics in Research <i>Available 4 units (2-0-2) Pass/Fail Only or 9 units (2-0-7) Letter Grade</i>	01	Woodward / Goodstein	W 19:30 - 21:30	25 BAX	
HPS/PI 169	3-0-6	Selected Topics in Philosophy of Science: Rationality and Irrationality <i>Course description available at <a href="http://www.caltech.edu/courses">www.caltech.edu/courses</a></i>	01	Hajek	TW 10:30 - 11:55	33 BAX	
PI 185	3-0-6	Moral Philosophy <i>Course description available at <a href="http://www.caltech.edu/courses">www.caltech.edu/courses</a></i>	01	Woodward	TR 14:00 - 15:25	210 BAX	
<b>PHYSICAL EDUCATION</b>							

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<b>PHYSICAL EDUCATION</b>							
PE 001C	3-0-0	Student Designed Fitness <i>For schedule see instructors</i>	01	Uribe / D'Auria	A	A	P
PE 003C	3-0-0	Scuba, Beginning <b>**\$75 boat dive fee</b>	01	Dodd	MW 14:00 - 15:55	POOL BRN	P
PE 004C	3-0-0	Introduction To Power Walking	01	Levesque	TR 13:00 - 13:55	TRK BRN	P
PE 009C	0-0-0	Soccer	01	Uribe	MW 15:00 - 15:55	SOF BRN	P
PE 010C	3-0-0	Aerobic Dance <i>For schedule see Braun</i>	01	Ruble	A	A	P
PE 014C	3-0-0	Basketball Skills, Beginning and Beginning/Intermediate	01	Marbut	TR 14:00 - 14:55	BAC	P
PE 020C	3-0-0	Fencing, Beginning and Intermediate/Advanced	01	Paffenroth	TR 19:00 - 19:55	BRW	P
PE 024C	3-0-0	Yoga, Beginning	01	Close-Pal	MW 16:00 - 16:55	BAC	P
			02	Close-Pal	TR 17:00 - 17:55	BAC	P
			03	Close-Pal	RF 15:00 - 15:55	BAC	P
PE 027C	3-0-0	Ultimate Frisbee	01	Boortz / Landesman	MW 19:30 - 20:55	SOF BRN	P
PE 036C	3-0-0	Swimming, Beginning/Intermediate and Advanced	01	Dodd	TR 14:00 - 14:55	POOL BRN	P
PE 038C	3-0-0	Water Polo	01	Dodd / Allison	OM,M 16:00 - 16:55	POOL BAC	P
PE 044C	3-0-0	Karate (Shotokan), Beginning and Intermediate/Advanced	01	McClure	MW 19:00 - 19:55	BAC	P
					S 10:00 - 10:55	BAC	
			02	McClure	MW 20:00 - 20:55	BAC	P
				S 11:00 - 11:55	BAC		
PE 046C	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

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<b>PHYSICAL EDUCATION</b>							
PE 048C	3-0-0	T'ai-Chi Ch'uan, Beginning and Intermediate/Advanced	01	Zhu	TR 20:00 - 20:55	BAC	P
PE 050C	3-0-0	Badminton, Beginning/Intermediate	01	Mao	W 14:00 - 15:55	BRW	P
PE 054C	3-0-0	Racquetball, Beginning and Intermediate/Advanced	01	Levesque	TR 14:00 - 14:55	BAC	P
PE 056C	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 060C	3-0-0	Tennis; Beginning, Beginning/Intermediate, Intermediate, And Advanced	01	Uribe	MW 12:00 - 12:55	TCT BRN	P
			02	Gamble	TR 12:00 - 12:55	TCT BRN	P
			03	Gamble	TR 13:00 - 13:55	TCT BRN	P
PE 070C	3-0-0	Weight Training, Beginning/Intermediate	01	Marbut	TR 15:00 - 15:55	BAC	P
			02	Dow	TR 10:00 - 10:55	BAC	P
			03	Marbut	TR 13:00 - 13:55	BAC	P
			04	Dow	MW 10:00 - 10:55	BAC	P
PE 077C	3-0-0	Volleyball; Beginning, Intermediate, and Advanced <b>CANCELLED</b>	01	D'Auria	MW 14:00 - 14:55	BAC	P
PE 082C	3-0-0	Rock Climbing, Beginning and Intermediate <b>**\$25 off-site facility fee</b>	01	Scalise	OM,T 19:00 - 19:55	BRW	P
PE 084C	3-0-0	Table Tennis, Beginning, Intermediate, and Advanced	01	Wang	R 19:00 - 20:55	BRW	P
			02	Wang	T 13:00 - 14:55	BRW	P
			03	Wang	R 21:00 - 22:55	BRW	P
PE 085C	3-0-0	Intercollegiate Track and Field Team (Men/Women)	01	Levesque	MTWRFS 16:00 - 17:55	TRK BRN	P
PE 090C	3-0-0	Intercollegiate Water Polo Team (Women&Men)	01	Allison	MWFS 16:00 - 17:55	POOL BRN	P
PE 093C	3-0-0	Intercollegiate Baseball Team (Men)	01	D'Auria	MTWRFS 16:00 - 17:55	NOF BRN	P

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<b>PHYSICAL EDUCATION</b>								
PE 094C	3-0-0	Intercollegiate Golf Team (Men)	01	Suarez	MTWRFS 16:00 - 17:55	OFC BRN	P	
PE 095C	3-0-0	Intercollegiate Tennis Team (Men)	01	Gamble	MTWRFS 16:00 - 17:55	TCT BRN	P	
PE 096C	3-0-0	Intercollegiate Tennis Team (Women)	01	Gamble	MTWRFS 16:00 - 17:55	NOF BRN	P	
<b>PHYSICS</b>								
Ph 001C	4-0-5	Classical Mechanics and Electromagnetism <i>Practical Track - Sections 1-4 / Analytical Track - Sections 5-10</i>	01	Politzer	MR 09:00 - 09:55 W 11:00 - 11:55 F 15:00 - 15:55	27 GTS 27 GTS 201 BRG	G	
			02	Politzer	MR 15:00 - 15:55 W 13:00 - 13:55 F 15:00 - 15:55	119 DWN 119 DWN 201 BRG		G
			03	Politzer	MR 09:00 - 09:55 W 11:00 - 11:55 F 15:00 - 15:55	107 DWN 107 DWN 201 BRG		G
			04	Politzer	MR 15:00 - 15:55 W 11:00 - 11:55 F 15:00 - 15:55	22 GTS 22 GTS 201 BRG		G
			05	McKeown	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 206 TOM		G
			06	McKeown	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 107 DWN		G
			07	McKeown	WF 11:00 - 11:55 MR 23:00 - 23:55	201 BRG 269 LAU		G
			08	McKeown	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 119 KRK		G
			09	McKeown	WF 11:00 - 11:55 MR 13:00 - 13:55	201 BRG 123 LAU		G
			10	McKeown	WF 11:00 - 11:55 MR 15:00 - 15:55	201 BRG 123 LAU		G

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<b>PHYSICS</b>							
Ph 003	0-6-0	Physics Laboratory	01	Sannibale / Barish	OM,T 14:00 - 14:55	308 BRG	P
Ph 007	0-9-0	Physics Laboratory	01	Rice III / Barish	OM,T 15:00 - 15:55	201 BRG	G
Ph 011C	2-0-4	Research Tutorial	01	Tombrello	A	A	P
Ph 012C	4-0-5	Waves, Quantum Physics, and Statistical Mechanics	01	Mabuchi	TR 10:30 - 11:55	269 LAU	G
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 Laboratory	01	Mach / Libbrecht	OM,M 15:00 - 15:55	304 BRG	P
Ph 022	0-6-0	Freshman/Sophomore Computational Physics Laboratory	01	Mach / Libbrecht	OM,M 15:00 - 15:55	308 BRG	P
Ph 070	3-0-0	Oral Presentation	01	Hitlin	T 14:00 - 15:55	469 LAU	G
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 077B	0-9-0	Advanced Physics Laboratory	01	Black / Libbrecht	OM,M 15:00 - 15:55	210 BRG	G
Ph 078C	+	Senior Thesis Experimental	01	Frautschi	A	A	P
Ph 079C	+	Senior Thesis Theoretical	01	Frautschi	A	A	P
Ph/Bi 103B	3-0-6	Neuroscience for Physicists and Engineers	01	Pine	OM,M 16:00 - 16:55	325 KRK	P

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<b>PHYSICS</b>							
Ph 106C	3-0-6	Topics in Classical Physics	01	Zmuidzinas	TR 10:30 - 11:55	107 DWN	
Ph/EE 118B	3-0-6	Low-Noise Electronic Measurement <i>Taught concurrently with Ch 227B</i>	01	Roukes / Heath	TF 14:30 - 15:55	107 DWN	P
Ph 125C	3-0-6	Quantum Mechanics	01	Porter	MW 09:30 - 10:55	269 LAU	
Ph 127C	3-0-6	Statistical Physics	01	Cross	TF 13:00 - 14:25	103 DWN	
Ph 129C	3-0-6	Mathematical Methods of Physics	01	Gottschalk	TR 09:00 - 10:25	103 DWN	
Ph 171	+	Reading and Independent Study	01	Thorne	A	A	P
			02	Frautschi	A	A	P
			03	Stevenson	A	A	P
			04	Pine	A	A	P
			05	Roukes	A	A	P
			06	Tombrello	A	A	P
			07	Scoville	A	A	P
			08	Culick	A	A	P
			09	Yariv	A	A	P
			10	Gubser	A	A	P
			11	Hitlin	A	A	P
			12	Barish	A	A	P
			13	Mabuchi	A	A	P
			14	Goodstein	A	A	P
			15	Bockrath	A	A	P
			16	Libbrecht	A	A	P
			17	Filippone	A	A	P
			18	Weinstein	A	A	P
			19	Prince	A	A	P
			20	Wang	A	A	P
			21	Peck	A	A	P

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<b>PHYSICS</b>							
Ph 171	+	Reading and Independent Study	22	Lange	A	A	P
			23	Schwarz	A	A	P
			24	Kavanagh	A	A	P
			25	Wasserburg	A	A	P
			26	Zmuidzinas	A	A	P
			27	Oguri	A	A	P
			28	McGill	A	A	P
			29	Lindblom	A	A	P
			30	Kitaev	A	A	P
			31	Koch	A	A	P
			32	Staff	A	A	P
			33	Porter	A	A	P
			34	Gould	A	A	P
			35	Politzer	A	A	P
			36	Harrison	A	A	P
			37	Blandford	A	A	P
			38	Wise	A	A	P
			39	Phillips	A	A	P
			40	Goldreich	A	A	P
			41	Scherer	A	A	P
			42	Albee	A	A	P
			43	Corngold	A	A	P
			44	Bellan	A	A	P
			45	Kamionkowski	A	A	P
			46	Kapustin	A	A	P
			47	Johnson	A	A	P
			48	Yung	A	A	P
			49	Readhead	A	A	P
			50	McKeown	A	A	P
			51	Phinney	A	A	P
			52	Zirin	A	A	P
			53	Zewail	A	A	P
			54	Preskill	A	A	P

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<b>PHYSICS</b>							
Ph 171	+	Reading and Independent Study	55	Cross	A	A	P
			56	Politzer	A	A	P
Ph 172	+	Experimental Research in Physics	01	Barish	A	A	P
			02	Martin	A	A	P
			03	Peck	A	A	P
			04	Scoville	A	A	P
			05	Goldreich	A	A	P
			06	Porter	A	A	P
			07	Mabuchi	A	A	P
			08	Roukes	A	A	P
			09	Psaltis	A	A	P
			10	Steidel	A	A	P
			11	Hitlin	A	A	P
			12	Goodstein	A	A	P
			13	Eisenstein	A	A	P
			14	Hoffmann	A	A	P
			15	Pine	A	A	P
			16	Gary	A	A	P
			17	Frautschi	A	A	P
			18	Rees	A	A	P
			19	Gould	A	A	P
			20	Harrison	A	A	P
			21	Phillips	A	A	P
			22	Bridges	A	A	P
			23	Cohen	A	A	P
			24	Zirin	A	A	P
			25	Yariv	A	A	P
			26	Lange	A	A	P
			27	Wise	A	A	P
			28	McGill	A	A	P
			29	Goddard	A	A	P
			30	Cross	A	A	P
			31	Koonin	A	A	P

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Ph 172	+	Experimental Research in Physics	32	Prince	A	A	P
			33	Mewaldt	A	A	P
			34	Scherer	A	A	P
			35	Newman	A	A	P
			36	Thorne	A	A	P
			37	Schwarz	A	A	P
			38	Vogel	A	A	P
			39	Vahala	A	A	P
			40	Readhead	A	A	P
			41	Stevenson	A	A	P
			42	Phillips	A	A	P
			43	Yeh	A	A	P
			44	McKeown	A	A	P
			45	Libbrecht	A	A	P
			46	Filippone	A	A	P
			47	Quake	A	A	P
			48	Johnson	A	A	P
			49	Kimble	A	A	P
			50	Hughes	A	A	P
			51	Zmuidzinas	A	A	P
			52	Zewail	A	A	P
			53	Weinstein	A	A	P
			54	Tombrello	A	A	P
			55	Ellis	A	A	P
			56	Soifer	A	A	P
			57	Golwala	A	A	P
			58	Randerson	A	A	P
Ph 173	+	Research in Theoretical Physics	01	Mayo	A	A	P
			02	Eisenstein	A	A	P
			03	Wise	A	A	P
			04	Thorne	A	A	P
			05	Schwarz	A	A	P
			06	Koch	A	A	P

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<b>PHYSICS</b>							
Ph 173	+	Research in Theoretical Physics	07	Preskill	A	A	P
			08	Kapustin	A	A	P
			15	Yariv	A	A	P
			20	Adami	A	A	P
			22	Gubser	A	A	P
			24	Corngold	A	A	P
			29	Blandford	A	A	P
			30	Abu-Mostafa	A	A	P
			32	Goldreich	A	A	P
			33	McKeown	A	A	P
			34	Goddard	A	A	P
			36	Prince	A	A	P
			37	Wise	A	A	P
			38	Lange	A	A	P
			39	Preskill	A	A	P
			41	Rutledge	A	A	P
			42	Oguri	A	A	P
			44	Phinney	A	A	P
			45	Cross	A	A	P
			46	Stevenson	A	A	P
			47	Kamionkowski	A	A	P
49	Phillips	A	A	P			
52	Zirin	A	A	P			
53	Blain	A	A	P			
54	Frautschi	A	A	P			
56	Fultz	A	A	P			
57	Filippone	A	A	P			
58	Sari	A	A	P			
59	Phillips	A	A	P			
60	Marsden	A	A	P			
Ph 196C	3-0-9	Advanced Classical Physics	01	Peck	TR 10:30 - 11:55	103 DWN	

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<b>PHYSICS</b>							
Ph 205C	3-0-6	Relativistic Quantum Mechanics	01	Frautschi	MW 11:00 - 11:55 F 13:00 - 13:55	269 LAU 269 LAU	P
Ph/CS 219C	3-0-6	Quantum Computation	01	Preskill	T 13:00 - 14:25 R 14:30 - 15:55	269 LAU 269 LAU	
Ph 230C	3-0-6	Elementary Particle Theory	01	Schwarz	MW 13:00 - 14:25	103 DWN	
Ph 236C	3-0-6	Relativity	01	Lindblom	MW 14:30 - 15:55	269 LAU	
Ph 250	3-0-6	Introduction to String Theory	01	Oguri	MW 09:30 - 10:55	103 DWN	
Ph 300	+	Thesis Research	01	Yung	A	A	P
			02	Libbrecht	A	A	P
			03	Oguri	A	A	P
			04	Goodstein	A	A	P
			05	Hitlin	A	A	P
			06	Pine	A	A	P
			07	Goldreich	A	A	P
			08	Eisenstein	A	A	P
			09	Roukes	A	A	P
			10	Prince	A	A	P
			11	Lester	A	A	P
			12	Peck	A	A	P
			14	Thorne	A	A	P
			18	Newman	A	A	P
			20	Filippone	A	A	P
			21	Frautschi	A	A	P
			22	Harrison	A	A	P
			23	Barish	A	A	P
			26	Corngold	A	A	P
			27	Cross	A	A	P
			29	McKeown	A	A	P

CALIFORNIA INSTITUTE OF TECHNOLOGY  
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Course Schedule SP 2003-04

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>PHYSICS</b>							
Ph 300	+	Thesis Research	32	Ahrens	A	A	P
			34	Goddard	A	A	P
			36	McGill	A	A	P
			37	Kapustin	A	A	P
			38	Phillips	A	A	P
			40	Blandford	A	A	P
			41	Wise	A	A	P
			42	Kimble	A	A	P
			43	Simon	A	A	P
			44	Phinney	A	A	P
			46	Preskill	A	A	P
			47	Yeh	A	A	P
			48	Rees	A	A	P
			50	Kornfield	A	A	P
			51	Phillips	A	A	P
			52	Porter	A	A	P
			53	Atwater	A	A	P
			54	Zewail	A	A	P
			55	Wang	A	A	P
			56	Weinstein	A	A	P
			57	Perona	A	A	P
			58	Psaltis	A	A	P
			59	Mabuchi	A	A	P
			60	Zmuidzinas	A	A	P
			61	Mewaldt	A	A	P
			62	Lange	A	A	P
			63	Kennedy	A	A	P
			64	Tombrello	A	A	P
			65	Schwarz	A	A	P
			66	Mayo	A	A	P
			67	Yariv	A	A	P
			68	Brown	A	A	P
			69	Martin	A	A	P

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<b>PHYSICS</b>							
Ph 300	+	Thesis Research	70	Stone	A	A	P
			71	Gubser	A	A	P
			72	Hughes	A	A	P
			73	Ellis	A	A	P
<b>POLITICAL SCIENCE</b>							
PS 012	3-0-6	Introduction to Political Science	01	Kiewiet	MWF 13:00 - 13:55	LecHall BAX	
PS 132	3-0-6	Formal Theories In Political Science	01	Ordeshook	MW 10:30 - 11:55	128 BAX	
H/PS 148B	3-0-6	The Supreme Court in U.S. History	01	Kousser	W 19:30 - 22:30	33 BAX	G
Ec/PS 160C	3-0-6	Laboratory Experiments in the Social Sciences	01	Plott	TR 08:30 - 09:55	218 BAX	
Ec/PS 172	3-0-6	Noncooperative Games In Social Sciences	01	Echenique	TR 13:00 - 14:25	125 BAX	
<b>PSYCHOLOGY</b>							
SS/Psy/Bi/CNS 140	3-0-6	Social Neuroscience <b>** NEW COURSE **</b> <i>Course description available <a href="http://www.hss.caltech.edu/courses">www.hss.caltech.edu/courses</a> -- Maximum enrollment: 40 students</i>	01	Adolphs	MW 10:30 - 11:55	25 BAX	
<b>SOCIAL SCIENCE</b>							
Ec/SS 020	2-0-1	Oral Presentation <i>By permission of instructor only!</i>	01	Bossaerts	A	A	
SS/Psy/Bi/CNS 140	3-0-6	Social Neuroscience <b>** NEW COURSE **</b> <i>Course description available <a href="http://www.hss.caltech.edu/courses">www.hss.caltech.edu/courses</a> -- Maximum enrollment: 40 students</i>	01	Adolphs	MW 10:30 - 11:55	25 BAX	

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Course Offering	Units	Offering Title	Section	Instructor	Days/Time	Location	Grade Scheme
<b>SOCIAL SCIENCE</b>							
SS 200	+	Selected Topics in Social Science	01	Alvarez	A	A	P
			02	Border	A	A	P
			04	Dubin	A	A	P
			05	Staff	A	A	P
			06	Kiewiet	A	A	P
			07	Kousser	A	A	P
			08	Staff	A	A	P
			09	Ledyard	A	A	P
			10	Border	A	A	P
			11	Ordeshook	A	A	P
			12	Davis	A	A	P
			13	Palfrey	A	A	P
			14	Wilkie	A	A	P
			SS 201C	3-0-6	Analytical Foundations of Social Science <i>Open to graduate students only</i>	01	Chambers
SS 202C	3-0-6	Political Theory <i>Open to graduate students only</i>	01	Alvarez	W 13:00 - 15:55	218 BAX	
SS 205C	3-0-6	Foundations of Economics <i>Open to graduate students only</i>	01	Ledyard	TR 10:30 - 11:55	128 BAX	G
SS 212C	3-0-6	Application of Microeconomic Theory	01	Wilkie	MW 10:30 - 11:55	218 BAX	
SS 222C	3-0-6	Econometrics <i>Open to graduate students only</i>	01	Dubin	MW 08:30 - 09:55	218 BAX	G
SS 223C	3-0-6	Advanced Topics in Econometric Theory	01	Grether	TR 14:30 - 15:55	237 BAX	
SS 229C	3-0-6	Theoretical and Quantitative Dimensions of Historical Development	01	Hoffman	MW 13:00 - 14:25	315 BAX	
SS 231C	3-0-6	American Politics	01	Kiewiet	F 09:00 - 11:55	315 BAX	

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<b>SOCIAL SCIENCE</b>							
SS 232C	3-0-6	Historical And Comparative Perspectives In Political Analysis	01	Ordeshook	MW 14:30 - 15:55	315 BAX	
SS 260	3-0-6	Experimental Methods of Political Economy	01	Plott	TR 08:30 - 09:55	218 BAX	
SS 300	+	Research in Social Science	01	Sherman	A	A	P
			02	Jackson	A	A	P
			03	Plott	A	A	P
			04	Davis	A	A	P
			05	Ledyard	A	A	P
			06	Katz	A	A	P
			07	Palfrey	A	A	P
			08	Bossaerts	A	A	P
			09	Camerer	A	A	P
			10	Ordeshook	A	A	P
			12	Kiewiet	A	A	P
			13	Wilkie	A	A	P
			14	Alvarez	A	A	P
			15	Chambers	A	A	P