

CNAS

Department: Biochemistry					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
15	Lab	Intro Biochemical Laboratory			\$80.00
102	Lab	Introductory Biochemistry Laboratory			\$80.00
162	Lec	Biochemistry and Molecular Biology			\$150.00

Department: Biology					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
2	Lab	Cellular Basis of Life			\$50.00
3	Lab	Organisms in Their Environment			\$50.00
5B	Lab	Introduction to Organismal Biology			\$50.00
5C	Lab	Introduction to Evolution and Ecology			\$50.00
5LA	Lab	Introduction to Cell and Molecular Biology Lab			\$50.00
20	Lab	Dynamic Genome			\$50.00
100	Lab	General Entomology	Entomology	100	\$30.00
104	Lab	Foundations of Plant Biology	Botany and Plant Sciences	104	\$30.00
118	Lab	Molecular Phylogenetics & Evolution			\$50.00
121L	Lab	Microbiology Laboratory	Microbiology	121L	\$50.00
132	Lab	Plant Anatomy	Botany and Plant Sciences	132	\$40.00
138	Lab	Plant Development Morphology	Botany and Plant Sciences	138	\$30.00
143	Lab	Plant Physiology	Botany and Plant Sciences	143	\$50.00
151	Lab	Invertebrate Zoology			\$50.00
160L	Lab	Laboratory in Animal Behavior			\$50.00
161A	Lab	Functional Anatomy of the Vertebrates			\$50.00
161B	Lab	Functional Anatomy of the Vertebrates			\$50.00
162	Lec	Insect Behavior	Entomology	162	\$5.00
163	Lab	Evolutionary Ecology of Terrestrial Vertebrates			\$120.00

165	Lec	Restoration Ecology	Botany and Plant Sciences	165	\$40.00
171L	Lab	Human Anatomy & Physiology			\$50.00
173	Lab	Insect Physiology	Entomology	173	\$5.00

Department: Botany and Plant Sciences					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
31	Lab	Spring Wildflowers			\$25.00
104	Lab	Foundations of Plant Biology	Biology	104	\$30.00
132	Lab	Plant Biology	Biology	132	\$40.00
133	Lab	Taxonomy of Flowering Plants			
138	Lab	Plant Development Morphology	Biology	138	\$30.00
143	Lab	Plant Physiology	Biology	143	\$50.00
146	Lab	Plant Ecology			
165	Lec	Restoration Ecology	Biology	165	\$40.00
165	Lab	Plant Physiological Ecology			\$30.00

Department: Cell Biology and Neuroscience					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
106	Lec	Introduction to Neuroscience			\$9.00
120L	Lec	Neuroscience Laboratory	Psychology	120L	\$40.00
124	Lec	Systems Neuroscience	Psychology	124	\$9.00
169	Lec	Human Embryology			\$11.00

Department: Chemistry					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
1HLA	Lab	Honors General Chemistry			\$46.00
1HLB	Lab	Honors General Chemistry			\$46.00
1HLC	Lab	Honors General Chemistry			\$46.00
1LA	Lab	General Chemistry			\$46.00
1LB	Lab	General Chemistry			\$46.00
1LC	Lab	General Chemistry			\$46.00
5	Lab	Quantitative Analysis			\$46.00
08LA	Lab	Organic Chemistry			\$46.00

08LB	Lab	Organic Chemistry			\$46.00
08LC	Lab	Organic Chemistry			\$46.00
12C	Lab	Organic Chemistry			\$46.00
111	Lab	Physical Chemistry			\$46.00
125	Lab	Instrumental Methods			\$46.00
140	Lab	Environmental Chemistry			\$46.00
166	Lab	Advanced Structural and Synthetic Methods			\$46.00

Department: Entomology					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
10	Lec	Natural History of Insects			\$5.00
100	Lab	General Entomology	Biology	100	\$30.00
109	Lab	Field Entomology			\$94.00
114	Lab	Aquatic Insects			\$100.00
124	Lab	Agricultural Entomology			\$100.00
126	Lec	Medical and Veterinary Entomology			\$33.00
162	Lec	Insect Behavior	Biology	162	\$5.00
173	Lab	Insect Physiology	Biology	173	\$5.00

Department: Genetics					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
272	Lab	Introduction to Imaging Bioinstrumentation	Electrical Engineering	272	\$30.00
273	Lab	Live Imaging & Analysis of Cellular and Molecular Behaviors	Electrical Engineering	273	\$30.00
274	Lab	Introduction to Medical Imaging & Analysis	Electrical Engineering	274	\$30.00

Department: Mathematics					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
2	Lec	Math Support Practicum			\$3.00
4	Lec	Intro Col Math Bus & Soc			\$3.00
5	Lec	Precalculus			\$3.00
008A	Lec	Intro to Coll Math for Sciences			\$3.00

008B	Lec	Intro to Coll Math for Sciences			\$6.00
009A	Lec	First Year Calculus			\$6.00
009B	Lec	First Year Calculus			\$6.00
009C	Lec	First Year Calculus			\$6.00
09HA	Lec	Honors Calculus			\$3.00
09HB	Lec	Honors Calculus			\$3.00
09HC	Lec	Honors Calculus			\$3.00
010A	Lec	Calculus - Several Variables			\$3.00
010B	Lec	Calculus - Several Variables			\$3.00
11	Lec	Introduction to Discrete Structures	Computer Science	11	\$3.00
15	Lec	Contempt Math of Hum			\$3.00
22	Lec	Calculus for Business			\$6.00
46	Lec	Ordinary Differential Eq.			\$6.00

Department: Microbiology					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
121L	Lab	Microbiology Laboratory	Biology	121L	\$50.00
125	Lab	Experimental Microbiology			\$50.00

Department: Physics					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
002A	Lec	General Physics			\$5.00
002B	Lec	General Physics			\$5.00
002C	Lec	General Physics			\$5.00
2LA	Lab	General Physics Laboratory			\$25.00
2LB	Lab	General Physics Laboratory			\$25.00
2LC	Lab	General Physics Laboratory			\$25.00
8	Lec	Color & Sound			\$5.00
10	Lec	How Things Work			\$5.00
16	Lec	Principles of Physics			\$5.00
40A	Lab	General Physics			\$25.00
40B	Lab	General Physics			\$25.00
40C	Lab	General Physics			\$25.00
41A	Lab	Intro Physics fro Physics Major			\$50.00
41B	Lab	Intro Physics fro Physics Major			\$50.00

41C	Lab	Intro Physics fro Physics Major	\$50.00
139L	Lab	Electronics for Scientists	\$45.00
142L	Lab	Advanced Physics Laboratory	\$150.00
142W	Wrk	Advanced Physics Laboratory	\$150.00

CHASS

Department: Art					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
1	Lec	Beginning Drawing and Design			\$20.00
2	Lec	Beginning Painting and Design			\$40.00
3	Lec	Intro to Photo Process			\$50.00
4	Lec	Introduction to Moving Images	Media & Cultural Studies	4	\$60.00
5	Lec	Beginning Sculpture and 3-D Design			\$85.00
9	Lec	Introductory Web-Based Art: Site Creation and Navigation			\$50.00
65	Lec	Intro To Vector Image Making & Printing			\$65.00
66	Lec	Introduction to 3-D Digital Modeling			\$40.00
67	Lec	3-D Dimensional Digital Modeling & Animation			\$65.00
70 E-Z	Lec	Digital Imaging Software for the Visual Arts			\$50.00
71 E-Z	Lec	Photographic Materials & Processes			\$50.00
75 E-Z	Wrk	Sculpture Materials & Processes			\$65.00
102	Lec	Intermediate Drawing			\$20.00
103	Lec	Advanced Drawing			\$20.00
104	Lec	Life Drawing			\$45.00
110	Lec	Intermediate Painting			\$40.00
111	Lec	Advanced Painting			\$40.00
112 E-Z	Wrk	Painting Materials and Processes			\$50.00
115	Lec	Intermediate Sculpture			\$80.00
125	Lec	Sculpture Hybrid			\$75.00
131	Lec	Intermediate Photography & Digital Technology	Media & Cultural Studies	131	\$75.00
134	Lec	Mixed Media			\$65.00

136	Lec	Installation & Site-Specific Art	Media & Cultural Studies	136	\$65.00
137	Lec	Advanced Sculpture			\$80.00
139	Lec	Intermediate Web-Based Art			\$40.00
140	Lec	Intermediate Analog Photography			\$60.00
142	Lec	Color Photography			\$45.00
143	Lec	Advanced Digital Imaging Technology			\$65.00
145	Lec	Advanced Photography Workshop			\$60.00
146 E-Z	Lec	Topics in Advanced Photography			\$60.00
150	Lec	Intermediate Moving Images	Media & Cultural Studies	150	\$50.00
155	Lec	Advanced Moving Images	Media & Cultural Studies	155	\$50.00
162	Stu	New Genres of Art Practice			\$50.00
165	Lec	Intermediate Vector Image Making & Printing			\$65.00
167	Lec	Web Authoring			\$35.00
169 E-Z	Lec	Digital Imaging Intermediate Software			\$35.00
171	Lec	Intermediate & Advanced Sculpture/Digital			\$65.00
175	Lec	Advanced Digital Workshop			\$65.00

Department: Art History

Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
136	Lec	History of Video Art	Media & Cultural Studies	137	\$10.00
137	Lec	History of Experimental Film	Media & Cultural Studies	138	\$20.00

Department: Media and Cultural Studies

Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
4	Lec	Introduction to Moving Images	Art	4	\$60.00
131	Lec	Intermediate Photography & Digital Technology	Art	131	\$75.00
136	Lec	Installation & Site-Specific Art	Art	136	\$65.00
137	Lec	History of Video Art	Art History	136	\$10.00
138	Lec	History of Experimental Film	Art History	137	\$20.00

150	Lec	Intermediate Moving Images	Art	150	\$50.00
155	Lec	Advanced Moving Images	Art	155	\$50.00

Department: Music			Cross-Listed Department	Cross-Listed Course #	Approved Fee
Course #	Type	Course Title			
080 E-Z	Stu	Private Instruction: Voice, Keyboard, and Strings			\$250.00
081 E-Z	Stu	Private Instruction: Brass, Woodwinds, Percussion, and Other Instruments			\$250.00
0180 E-Z	Stu	Private Instruction: Voice, Keyboard, and Strings			\$500.00
0181 E-Z	Stu	Private Instruction: Brass, Woodwinds, Percussion, and Other Instruments			\$500.00

Department: Psychology			Cross-Listed Department	Cross-Listed Course #	Approved Fee
Course #	Type	Course Title			
120L	Lec	Neuroscience Laboratory	Cell Biology and Neuroscience	120L	\$40.00
124	Lec	Systems Neuroscience	Cell Biology and Neuroscience	124	\$9.00

Department: Theatre, Film, and Digital Production			Cross-Listed Department	Cross-Listed Course #	Approved Fee
Course #	Type	Course Title			
44	Dis	Makeup: Theater, Film, TV			\$61.00
155	Lec	Intro to Digital Film Production			\$98.00
156A	Lec	Digital Film Production			\$98.00
156B	Lec	Digital Film Production			\$98.00
157	Lec	Introduction to Film Editing			\$71.00

BCOE

Department: Bioengineering			Cross-Listed Department	Cross-Listed Course #	Approved Fee
Course #	Type	Course Title			
010	Lec	Overview of Bioengineering	Overview of Bioengineering		\$50.00

130L	Lab	Bioinstrumentation Lab	Bioinstrumentation Lab	\$50.00
155	Lab	Biotechnology Lab	Biotechnology Lab	\$150.00
175A, 175B, 175C	Lec	Senior Design	Senior Design	\$100.00

Department: Chemical and Environmental Engineering

Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
11	Lab	Intro to Bioengineering			\$30.00
125	Lab	Analys Meths For Chem & Env Engrs			\$50.00

Department: Chemical Engineering

Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
124L	Lab	Biochemical Engr Lab			\$50.00
160A	Lab	Chem/Env Engineering Lab			\$50.00
160B	Lab	Chemical Engineering Lab			\$50.00
160C	Lab	Chemical Engineering Lab			\$50.00
161	Lab	Nanotechnology Processing Lab			\$50.00
175A	Lab	Chemical Process Design			\$50.00

Department: Computer Science

Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
5	Lab	Introduction to Computer Programming			\$30.00
6	Lab	Effective Use of the World Wide Web			\$30.00
8	Lab	Introduction to Computing			\$30.00
10	Lab	Introduction to Computer Science for Science, Mathematics, and Engineering I			\$30.00
11	Lec	Introduction to Discrete Structures	Mathematics	11	\$3.00
12	Lab	Introduction to Computer Science for Science, Mathematics, and Engineering II			\$30.00
13	Lab	Introduction to Computer Science for Engineering Majors			\$30.00
30	Lab	Introduction to Computational Science and Engineering			\$30.00
120A	Lab	Logic Design			\$30.00
120B	Lab	Introduction to Embedded Systems			\$30.00

122A	Lab	Intermediate Embedded and Real-Time Systems			\$30.00
122B	Lab	Advanced Embedded and Real-Time Systems			\$30.00
130	Lab	Computer Graphics			\$30.00
133	Lab	Computational Geometry			\$30.00
134	Lab	Video Game and Creation and Design			\$30.00
152	Lab	Compiler Design			\$30.00
153	Lab	Design of Operating Systems			\$30.00
160	Lab	Concurrent Programming and Parallel Systems			\$30.00
161L	Lec	Design and Architecture of Computer Systems			\$30.00
162	Lab	Computer Architecture			\$30.00
164	Lab	Computer Networks			\$30.00
165	Lab	Computer Security			\$30.00
166	Lab	Database Management Systems			\$30.00
168	Lab	Introduction to Very Large Scale Integration (VLSI) Design	Electrical Engineering	168	\$30.00
177	Lab	Modeling and Simulation			\$30.00
179 E-Z	Lab	Project in Computer Science			\$30.00
180	Lab	Introduction to Software Engineering			\$30.00
181	Lab	Principles of Programming Languages			\$30.00
183	Lab	UNIX System Administration			\$30.00

Department: Electrical Engineering					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
001B	Lab	Engineering Circuit Analysis II			\$30.00
01LA	Lab	Engineering Circuit Analysis I Laboratory			\$30.00
100A	Lab	Electronic Circuits			\$30.00
100B	Lab	Electronic Circuits			\$30.00
105	Lab	Modeling and Simulation of Dynamic Systems			\$30.00
110B	Lab	Signals and Systems			\$30.00
115	Lab	Introduction to Communication Systems			\$30.00
120A	Lab	Logic Design	Computer Sciences	120A	\$30.00
120B	Lab	Introduction to Embedded Systems	Computer Sciences	120B	\$30.00

123	Lab	Power Electronics			\$30.00
128	Lab	Data Acquisition, Instrumentation, and Process Control			\$30.00
132	Lab	Automatic Control			\$30.00
134	Lab	Digital Integrated Circuit Layout and Design			\$30.00
135	Lab	Analog Integrated Circuit Layout and Design			\$30.00
136	Lab	Semiconductor Device Processing			\$50.00
140	Lab	Computer Visualization			\$30.00
141	Lab	Digital Signal Processing			\$30.00
144	Lab	Introduction to Robotics	Mechanical Engineering	144	\$30.00
146	Lab	Computer Vision			\$30.00
151	Lab	Introduction to Digital Control			\$30.00
152	Lab	Image Processing			\$30.00
153	Lab	Electric Drives			\$30.00
165	Lab	Design for Reliability of Integrated Circuits and Systems			\$30.00
168	Lab	Introduction to Very Large Scale Integration (VLSI) Design	Computer Sciences	168	\$30.00
204	Lab	Advanced Electromagnetics			\$30.00
206	Lab	Nanoscale Characterization Techniques	Materials Science and Engineering	227	\$30.00
229	Lab	Video Processing & Communication			\$30.00
272	Lab	Introduction to Imaging Bioinstrumentation	Genetics	272	\$30.00
273	Lab	Live Imaging & Analysis of Cellular and Molecular Behaviors	Genetics	273	\$30.00
274	Lab	Introduction to Medical Imaging & Analysis	Genetics	274	\$30.00
275	Lab	Project in Video Bioinformatics			\$30.00

Department:		Engineering (ENGR)		
Course #	Type	Course Title	Cross-Listed Department	Approved Fee
180W	Lec	Technical Communications		\$30.00

Department: Environmental Engineering					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
160A	Lab	Chem/Env Engineering Lab	Chemical Engineering	160A	\$50.00
160B	Lab	Environmental Engineering Lab			\$50.00
160C	Lab	Environmental Engineering Lab			\$50.00
175A	Lab	Senior Design Project			\$50.00

Department: Materials Science and Engineering					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
227	Lab	Nanoscale Characterization Techniques	Electrical Engineering	206	\$30.00

Department: Mechanical Engineering					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
1A	Lab	Introduction to Mechanical Engineering			\$30.00
1B	Lab				\$30.00
1C	Lab				\$30.00
18	Lab				\$30.00
131	Lab				\$30.00
133	Lab				\$30.00
144	Lab		Electrical Engineering	144	\$30.00
156	Lab				\$30.00
170A	Lab				\$30.00
170B	Lab				\$30.00
175B	Lab				\$30.00
175C	Lab				\$30.00
180	Lab				\$30.00

SOBA

Department: Management					
Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
404	Lec	Com, Leadership, Teams and Ethics			\$168.00

GSOE

Department: **Education**

Course #	Type	Course Title	Cross-Listed Department	Cross-Listed Course #	Approved Fee
265A	Sem	Practicum in School Psychology: Introductory			\$20.00
265B	Sem	Practicum in School Psychology: Basic			\$20.00
265C	Sem	Practicum in School Psychology: Advanced			\$20.00
265D	Sem	Practicum in School Psychology: Clinical			\$20.00
265E	Sem	Practicum in School Psychology: Supervision			\$20.00