

New fees or changes to existing fees from 2020-2021 are highlighted in blue

Updated chartstrings are highlighted in gold

CF1 Value = {Two letter department prefix} + {Course Number and letter (if applicable)} + {XX as needed to have 6 Characters}

Course No. / Cross-Listings	Course Title	Course ID	Fee Type	Fee Amount 2021-22	Dept	CF1	Notes
<u>Anthropology</u>							
ANTHRO 134A - section 1	Field Course in Archaeological Methods- Pinnacles National Fore	100619	field study	\$1,200	13164	SZ134A	
ANTHRO 134A - section 3	Jomon Hunter-Gatherers in Japan	100619	field study	\$1,400-\$1,600	13164	SZ134A	
ANTHRO 134A - section 4	Field Course in Archaeological Petrology	100619	field study	\$1,200-\$1,500	13164	SZ134A	
<u>Art Practice</u>							
ART 13	Painting Foundations	101377	materials	\$25	12465	LQ13XX	Previously approved as a miscellaneous fee
ART 14	Sculpture Foundations	101384	materials	\$150	12465	LQ14XX	Previously approved as a miscellaneous fee
ART 15	Ceramics Foundations	101388	materials	\$150	12465	LQ15XX	Previously approved as a miscellaneous fee
ART 16	Printmaking Foundations: Relief and Intaglio	101391	materials	\$140	12465	LQ16XX	Previously approved as a miscellaneous fee
ART 17	Printmaking Foundations: Litho and Screen Printing	156605	materials	\$140	12465	LQ17XX	Previously approved as a miscellaneous fee
ART 102	Advanced Painting: Research and Methods	101355	materials	\$25	12465	LQ102X	Previously approved as a miscellaneous fee
ART 103	Advanced Painting: Reconsidering the Portrait and Figure	154855	materials	\$25	12465	LQ103X	Previously approved as a miscellaneous fee
ART 120	Advanced Printmaking: Intaglio	101373	materials	\$185	12465	LQ120X	Previously approved as a miscellaneous fee
ART 123	Advanced Printmaking: Screen Printing	101375	materials	\$185	12465	LQ123X	Previously approved as a miscellaneous fee
ART 130	Advanced Sculpture: Concept and Construction	101378	materials	\$150	12465	LQ130X	Previously approved as a miscellaneous fee
ART 132	Advanced Projects in Ceramics	101380	materials	\$150	12465	LQ132X	Previously approved as a miscellaneous fee
ART 133	Advanced Sculpture: Meaning in Material	101381	materials	\$150	12465	LQ133X	Previously approved as a miscellaneous fee
ART 137	Advanced Projects in Ceramic Sculpture	101382	materials	\$150	12465	LQ137X	Previously approved as a miscellaneous fee
ART 138	Advanced Sculpture Installation	101383	materials	\$150	12465	LQ138X	Previously approved as a miscellaneous fee
ART 171	Video Projects	101400	materials	\$60	12465	LQ171X	Previously approved as a miscellaneous fee
ART 172	Advanced Digital Media: Computer Graphics Studio	101401	materials	\$60	12465	LQ172X	Previously approved as a miscellaneous fee
ART 173	Electro Crafting Studio	101402	materials	\$60	12465	LQ173X	Previously approved as a miscellaneous fee
ART 180	Advanced Digital Photography	101406	materials	\$60	12465	LQ180X	Previously approved as a miscellaneous fee
<u>Bioengineering</u>							
BIO ENG 101	Instrumentation in Biology and Medicine	101998	materials	\$50	11454	EF101X	
BIO ENG 104	Biological Transport Phenomena	102000	materials	\$25	11454	EF104X	
BIO ENG 115	Cell Biology Laboratory for Engineers	102005	materials	\$100	11454	EF115X	
BIO ENG 121L	BioMems and BioNanotechnology Laboratory	102008	materials	\$100	11454	EF121X	

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				2021-22				
BIO ENG 140L	Synthetic Biology Laboratory	102013	materials	\$50		11454	EF140X	
BIO ENG 168L	Practical Light Microscopy	102027	materials	\$30		11454	EF168L	
BIO ENG 192	Senior Design Projects	102056	materials	\$45		11454	EF192X	
BIO ENG C218 / MCELLBI C237	Stem Cells and Directed Organogenesis	124021	materials	\$150		11454	EF218X	
Cal Teach Program								
UGIS 303	Apprentice Teaching in Science and Mathematics	122679	portfolio	\$0		12968	UG303X	
Chemical Engineering								
CHM ENG 154	Chemical Engineering Laboratory	103330	materials	\$127		10860	CE154X	
CHM ENG C170L / CHEM C170L	Biochemical Engineering Lab	124355	materials	\$120		10860	CE170X	
CHM ENG C178 / CHEM C178	Polymer Science Technology	124161	materials	\$40		10860	CE178X	
Chemistry								
CHEM 1AL	General Chemistry Laboratory	102891	materials	\$38		10720	CC1ALX	Fee increased from \$32
CHEM 1B	General Chemistry	102892	materials	\$46		10720	CC1BXX	Fee increased from \$40
CHEM 3AL ¹	Organic Chemistry Laboratory	103003	materials	\$64		10720	CC3ALX	Fee approved at \$50 for 2022-23
CHEM 3BL ²	Organic Chemistry Laboratory	103005	materials	\$72		10720	CC3BLX	Fee increased from \$58
CHEM 4A	General Chemistry & Quantitative Analysis	103017	materials	\$76		10720	CC4AXX	Fee increased from \$66
CHEM 4B	General Chemistry & Quantitative Analysis	103018	materials	\$116		10720	CC4BXX	Fee increased from \$70
CHEM 12A ³	Organic Chemistry	102901	materials	\$62		10720	CC12AX	Fee increased from \$110
CHEM 12B ⁴	Organic Chemistry	102902	materials	\$80		10720	CC12BX	
CHEM 15	Analytical and Bioanalytical Chemistry	102923	materials	\$55		10720	CC15XX	
CHEM 105	Instrumental Methods of Analysis	102899	materials	\$155		10720	CC105X	
CHEM 108	Inorganic Synthesis & Reactions	102900	materials	\$170		10720	CC108X	Fee increased from \$160
CHEM C110L / MCELLBI C110L	General BioChemistry and Molecular Biology Laboratory	124450	materials	\$158		12130	IM110L	Fee approved at \$180 in 2022-23
CHEM 115	Organic Chem - Advanced Lab Methods	102908	materials	\$155		10720	CC115X	
CHEM 125	Physical Chemistry Laboratory	102913	materials	\$141		10720	CC125X	
CHEM 146 ⁵	Chemical Methods in Nuclear Technology	102921	materials	\$150		10720	CC146X	

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³ EPS 118 is a six-week field course taken during the summer but students receive Spring Semester credit							
Electrical Engineering & Computer Science							
EECS 16A	Designing Information Devices and Systems I	106327	materials	\$7	11522	EE16AX	
EECS 16B	Designing Information Devices and Systems II	106328	materials	\$15	11522	EE16BX	
EL ENG 143	Microfabrication Technology	106317	materials	\$90	11522	EH143X	
Environmental Science, Policy, and Management							
ESPM 100	Environmental Problem Solving	107379	field trip	\$16	13510	MC100X	
ESPM C107 / INTEGBI 158LF ¹	Biology & Geomorphology of Tropical Islands	124225	field trip	\$4,186-\$4,806	13510	MC107X	
ESPM 140	General Entomology	107439	field trip	\$75	13510	MC140X	
ESPM 147	Field Entomology	107449	field trip	\$50	13510	MC147X	
¹ A nonrefundable \$500 deposit is charged upon acceptance; balance assessed at the end of 5th week							
Integrative Biology							
BIOLOGY 1B	General Biology Lab	102130	materials	\$20	12307	IBBIOX	
INTEGBI 51	Origins and Evolution of Food Plants	161110	field trip	\$27	12307	IB51LX	New fee
INTEGBI 102LF ¹	Intro to California Plant Life Lab	110932	field trip	\$12-\$40	12307	IB102X	
INTEGBI 103LF ²	Invertebrate Zoology Laboratory	110935	field trip	\$23-\$43	12307	IB103X	
INTEGBI 104LF ³	Natural History of the Vertebrates Lab	110938	field trip	\$40-\$70	12307	IB104X	
INTEGBI 113L	Paleobiological Perspectives on Ecology and Evolution	110950	materials	\$0-\$25	12307	IB113L	
INTEGBI 130L	Comparative Vertebrate Anatomy and Functional Morphology	156016	materials	\$56.50	12307	IB130L	
INTEGBI 131L	General Human Anatomy Lab	110981	materials	\$18	12307	IB131L	
INTEGBI 132L	Physiology Laboratory	110984	materials	\$15	12307	IB132L	
INTEGBI 134L	Practical Genomics	159827	materials	\$25	12307	IB134L	
INTEGBI 146LF	Behavioral Ecology with Field Lab	111005	materials	\$143	12307	IB146L	
INTEGBI 151L	Plant Physiological Ecology Laboratory	111016	field trip	\$4-\$8	12307	IB151L	
INTEGBI 154L	Plant Population & Community Ecology Lab	111025	field trip	\$25-\$45	12307	IB154L	
INTEGBI 157LF ⁵	Ecosystems of California	111030	field trip	\$268	12307	IB157L	
INTEGBI 158LF ⁶ / ESPM C107	Biology & Geomorphology of Tropical Islands	124225	field trip	\$4,186-\$4,806	13510	MC107X	

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² Originally approved as JOURN 299							
³ Originally titled "Documentary News Films"							
⁴ Originally titled "Advanced Television Reporting: TV Magazine"							
Mechanical Engineering							
MEC ENG 100 ¹	Electronics for the Internet of Things	157821	materials	\$100	11580	EK100X	Fee increased from \$84
MEC ENG 103	Experimentation and Measurements	154870	materials	\$100	11580	EK103X	New fee
¹ Originally approved as EE 49							
Molecular & Cell Biology							
BIOLOGY 1A1 ¹	General Biology Lab	102129	materials	\$20-\$50	12130	IMB1AX	
MCELLBI 32L	Introduction to Human Physiology Lab	115416	materials	\$20-\$35	12130	IM32LX	
MCELLBI 63L	Introduction to Neuroanatomy Laboratory	157846	materials	\$15	12130	IM63LX	
MCELLBI C110L/110L / CHEM C110L	General BioChemistry and Molecular Biology Laboratory	124450	materials	\$158	12130	IM110L	
MCELLBI 133L ²	Cell Biology Lab	115116	materials	\$100-\$144	12130	IM133L	Fee decreased from \$144
MCELLBI 140L	Genetics Lab	115136	materials	\$168	12130	IM140L	Fee increased from \$158
MCELLBI 150L	Immunology Lab	115143	materials	\$158	12130	IM150L	
MCELLBI 160L	Neurobiology Lab	115147	materials	\$144	12130	IM160L	
MCELLBI 163L	Mammalian Neuroanatomy Laboratory	125412	materials	\$36	12130	IM163L	
MCELLBI 170L	Molecular and Cell Biology Laboratory	157853	materials	\$158	12130	IM170L	
MCELLBI C237 – see BIO ENG C218	Stem Cells and Directed Organogenesis	124021	materials	\$150	12130	IMC237	
¹ Originally approved as BIOLOGY 1A							
² Originally approved as MCELLBI 130L							
Music							
MUSIC 29	Music Now	116280	personnel	\$10	12750	HMMU29	
MUSIC 144	University Chorus	116124	music	\$20	12750	HMU144	
Nutritional Sci. & Toxicology							

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					2021-22			
NUSCTX 135	Food Systems Organized Management	116905	materials		\$62	13560	MD100X	
NUSCTX 170	Experimental Nutrition Laboratory	116914	materials		\$150	13560	MD170X	
NUSCTX 171	Nutrition and Toxicology Laboratory	116915	materials		\$150	13560	MD171X	
NUSCTX 108B	Lab: Application of Food Science	116898	materials		\$86	13560	MD108B	
Physical Education								
		118253						
		118282						
PHYS ED 1, 2, 3, 4 and 5	Physical Education Activities	118298						
		118305						
		118310						
	Section - Aquatics		materials		\$20-\$40	12360	IPAQUA	
	Section - Dance		materials		\$20-\$40	12360	IPDANC	
	Section - Fitness		materials		\$20-\$40	12360	IPFITN	
	Section - Individual Sports		materials		\$20-\$40	12360	IPISPO	
	Section - Team Sports		materials		\$20-\$40	12360	IPTEAM	
	Section - Combative Sports/Martial Arts		materials		\$20-\$40	12360	IPCOMB	
PHYS ED 47A ¹	Introduction to Scuba Diving	118308	field trip		\$154	12360	IP47AX	
PHYS ED 47B ¹	Intermediate Skin and Scuba Diving	118309	field trip		\$142	12360	IP47BX	
PHYS ED C407 / INTEGBI C407	Introduction to Scientific Diving	124553	field trip		\$185	12360	IPSDIX	
¹ Originally approved as PHYS ED 47								
Physics								
PHYSICS 111A	Instrumentation Laboratory	118362	materials		\$175	13053	PHBSCX	
PHYSICS 111B	Advanced Experimentation Laboratory	118363	materials		\$165	13053	PHADVL	
School of Public Health								
SPH 162L	Public Health Microbiology Laboratory	117517	materials		\$45	13995	SPH162	
SPH 290 Section 11	Field Study in Food and Nutrition Policy	117790	field trip		\$165	13995	SPH290	