

Biological Sciences

General Education Requirements

Foundation Requirements		3
Written Communication (FW)		
ENG 100	Composition I (3)	
or ENG 100E	Composition I (3)	
Symbolic Reasoning (FS)		
MATH 205	Calculus I (4)	4
Global Multicultural Perspectives (FG)		
Select 1 course from 2 different groups		6
Group A: ANTH 151, ART 175, HIST 151		
Group B: ANTH 152, ART 176, BUSN 277, BUSN 279, GEOG 102, HIST 152		
Group C: GEOG 151, MUS 107, REL 150 or other FG		
Total Foundation Credits		13

Diversification Requirements

Diversification Social Sciences (DS)		3
Select 1 course from list below		
AMST 211, 212		
ANTH 150, 200, 210		
ECON 120, 130, 131		
FAMR 230		
PACS 108		
POLS 110, 120, 180		
PSY 100, 202, 240, 260		
SOC 100, 214, 218, 231, 250, 251		
WS 151, 202, 290		
or other DS		

Diversification Arts/Humanities/Literatures (DA, DH, DL)

Select 1 course from list below		3
Diversification Arts (DA) (Mainly Theory): ART 101, MUS 108, 253, 281, 282, 283, 284		
(Mainly Practice)		
ART 104, 104D, 105, 105C, 107, 107D, 112, 113, 113D, 115, 116, 123, 202, 213, 243, 244		
DMED 150, DNCE 131, 132		
HWST 160		
MUS 103, 104, 112, 113, 114, 121, 121B, 121C, 121D, 121E, 121Z, 122, 122B, 122C, 122D, 122E, 122F, 122Z, 201, 203G, 221, 221B, 221C, 221D, 221H, 222, 222C, 232, 232G		
THEA 101, 170, 220, 221, 222, 230, 240, 260, 262, 280		

Diversification Humanities (DH)

AMST 201, 202	
ASAN 203, 204	
HWST 107 (recommended)	
HIST 231, 232, 241, 242, 251, 260, 281, 282, 284	
ICS 170	
IS 250H	
LING 102	
MUS 106	
PHIL 100, 101, 102, 211	
REL 151, 200, 201, 202, 204, 205, 207, 210	

Diversification Literature (DL)

ENG 270, 271, 272	
HWST 261, 270	
or other DA/DH/DL	

Diversification Natural Sciences (DB/DP/DY)

Diversification Biological (DB)		3
<i>BIOL 171 required for Biological Sciences track.</i>		
ANTH 215		
BIOL 100, 101, 124, 130, 171, 172, 200, 265, 275		
BOT 101, 130		
FSHN 185		
HORT 110		
MICR 130		
PBT 141, 200, 264		
ZOOL 101, 141, 142, 200		
or other DB		
Diversification Physical (DP)		3
CHEM 161		

Diversification Laboratory (DY)

CHEM 161L		1
Total Diversification Credits		10-13
Total Gen Ed Credits		23-26

Concentration Requirements

Biological Sciences: 18-19 credits

Course Alpha	Course Title	Credits
CHEM 162	General Chemistry II	3
CHEM 162L	General Chemistry II Lab	1
BIOL 171L	Introduction to Biology I Lab	1
BIOL 172	Introduction to Biology II	3
BIOL 172L	Introduction to Biology II Lab	1
CHEM 272	Organic Chemistry I	3
CHEM 272L	Organic Chemistry I Lab	2
BIOL 265/265L	Ecology & Evolutionary Biology (w/ Lab) (4) or Cell & Molecular Biology (w/Lab) (5)	4-5
Total Concentration Credits		18-19

Natural Science Electives

Select classes required for your program which are not chosen above.

ASTR 110	
BIOC 141, 251	
BIOL 171, 171L, 172, 172L, 200, 200L, 265, 265L, 275, 275L	
BOT 101, 101L, 130, 130L	
CE 270, 271	
CHEM 162L, 272, 272L, 273, 273L	
EE 150, 211, 213, 260	
GG 101, 101L, 103	
HORT 110, 110L	
ICS 111, 141, 211, 212, 215, 241	
MATH 206, 231, 232	
ME 213	
MICR 130, 140	
OCN 101, 201, 201L	
PBT 100, 141, 200, 200L, 264, 275	
PHRM 203	
PHYS 151, 151L, 152, 152L, (Biological Science students only)	
PHYS 170, 170L, 272, 272L, 274	
ZOOL 101, 101L, 200, 200L, 141, 141L, 142, 142L	
or other STEM course as appropriate with approval	

Hawaiian Asian Pacific (HAP)

1 course required

Optional Electives

Biological Sciences students may take up to two sequential semesters of Hawaiian or Second Language (HSL) courses.