

**Engineering**

**General Education Requirements**

<b>Foundation Requirements</b>	
<b>Written Communication (FW)</b>	3
ENG 100 Composition I (3) or ENG 100E 100 Composition I (3)	
<b>Symbolic Reasoning (FS)</b>	4
MATH 205 Calculus I (4)	
<b>Global Multicultural Perspectives</b>	6
Select 1 course from 2 different groups 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	
<b>Total Foundation Credits</b>	13

**Diversification Requirements**

<b>Diversification Social Sciences (DS)</b>	3
Select 1 course from list below AMST 211, 212 ANTH 150, 200, 210 ECON 120*, 130*, 131* <i>(*recommended for Engineering)</i> 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)** 3

Select 1 course from list below <b>Diversification Arts (DA)</b> (Mainly Theory) ART 101, MUS 108, 253, 281, 282, 283, 284 (Mainly Practice) ART 104, 104D, 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 SP 251 <i>(*option for Engineering only)</i> THEA 101, 170, 220, 221, 222, 230, 240, 260, 262, 280	3
<b>Diversification Humanities (DH)</b> AMST 201, 202 ASAN 203, 204 HWST 107 <i>(recommended)</i> 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	
<b>Diversification Literature (DL)</b> ENG 270, 271, 272 HWST 261, 270 or other DA/DH/DL	
<b>Diversification Natural Sciences (DB/DP/DY)</b>	4-7
<b>Diversification Biological (DB)</b> 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 ZOO 101, 141, 142, 200	3
<b>Diversification Physical (DP)</b> CHEM 161	

**Diversification Laboratory (DY)**

CHEM 161	1
<b>Total Diversification Credits</b>	10-13
<b>Total Gen Ed Credits</b>	23-26

**Concentration Requirements**

**Engineering: 28-29 credits**

Course Alpha	Course Title	Credits
CHEM 162	General Chemistry II	3
EE 150	Intro to Computer Programming Methods	3
MATH 206	Calculus II	4
PHYS 170	General Physics I	4
PHYS 170L	General Physics I Lab	1
PHYS 272	General Physics II	3
PHYS 272L	General Physics II Lab	1
MATH 231	Calculus III	3
MATH 232	Calculus IV	3
CE 270 or EE 211	Applied Mechanics I (3) or Basic Circuit Analysis (4)	3-4
	<b>Total Concentration Credits</b>	<b>28-29</b>

**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 170, 170L, 272, 272L, 274	
ZOO 101, 101L, 141, 141L, 142, 142L, 200, 200L	

or other STEM course as appropriate with approval

**Hawaiian Asian Pacific (HAP)**

1 course required