

# UH MANOA – B.A. & B.S. BIOLOGY TRACK

## I. FOUNDATION REQUIREMENTS (12 Credits)

	Semester	Credits	Grade
<b>Written Communication (FW) 1 course, 3 credits</b> ENG 100/ESL 100			
<b>Symbolic Reasoning (FS) 1 course, 3 credits</b> MATH 205			
<b>Global &amp; Multicultural Perspectives (FG)</b> 2 courses, each from a different group			
Group A    Group B    Group C			
Group A    Group B    Group C			

## II. DIVERSIFICATION REQUIREMENTS (19 Credits)

These courses must come from disciplines other than those used to satisfy Global & Multicultural Perspectives (FG)

<b>Arts &amp; Humanities: 2 courses, 6 credits</b> 2 courses, each selected from a different group: Diversification Arts=DA    Diversification Humanities=DH    Diversification Literature & Language=DL			
DA    DH    DL			
DA    DH    DL			
<b>Natural Sciences: 2 courses and 1 lab, 7 credits</b> 1 Biological Science course (DB) and 1 Physical Science course (DP). At least one of the sciences courses must accompanied with a Lab (DY).			
<b>BIOL 171</b>			
<b>CHEM 161</b>			
<b>BIOL 171L</b>			
<b>Social Sciences (DS) 2 courses, 6 credits</b> 2 courses, each from a different discipline.			
DS			
DS			

## III. HAWAIIAN/SECOND LANGUAGE (6-8 credits)

2 courses of the same language or competence at the 102 level or equivalent

101			
102			

## IV. ORAL COMMUNICATION (3 credits)

SP 151, 200, 231, 251, 253 THEA 221, 222			
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## V. ELECTIVES (18 credits or more)

<b>BIOL 172/172L; BIOL 270/270L (EQUIVALENT TO UHM BIOL 275/275L)</b>			
<b>CHEM 161L &amp; CHEM 162/162L</b>			
<b>CHEM 272/272L</b>			
<b>ICS 101</b>			
<b>LANG 201 &amp; 202</b>			
<b>MATH 206/206L</b>			
<b>PHYS 151/151L &amp; 152/152L</b>			

**Total**

**VI. 2 Writing-intensive courses:** \_\_\_\_\_

**VII. 1 Hawaiian, Asian, and Pacific Issues course:** \_\_\_\_\_