

**THE UNIVERSITY OF HAWAI'I - KAPI'OLANI COMMUNITY COLLEGE**

**ASSOCIATE IN SCIENCE IN NATURAL SCIENCE – BIOLOGICAL SCIENCES**

60-credits of 100-200 level courses minimum. Cumulative Grade Point Ratio (GPR) of 2.0 minimum.

**Effective Fall 2017**

I. GENERAL EDUCATION REQUIREMENTS (19 Credits)	COURSE	CR	GR
<b>Foundations Written Communication (FW):</b> (1 course) <span style="float: right;"><i>check boxes if transfer course</i></span> ENG 100 or ESL 100 (Composition I) <input type="checkbox"/>			
<b>Foundations Symbolic Reasoning (FS):</b> (1 course) MATH 205 (Calculus I) <input type="checkbox"/>			
<b>Foundations Global &amp; Multicultural Perspectives (FG):</b> (2 courses, each course selected from a different group) Group A: ANTH 151; HIST 151 <input type="checkbox"/> Group B: ANTH 152; GEOG 102; HIST 152 <input type="checkbox"/> Group C: GEOG 151; MUS 107; REL 150 <input type="checkbox"/>			
<b>Diversification Arts, Humanities, &amp; Literatures (DA, DH, DL):</b> (1 course) <b>Arts (DA):</b> ART 101, 104, 105, 106J, 107, 111, 112, 113, 114, 115, 116, 123, 125, 126, 127, 128, 129, 156, 157, 159, 189, 202, 207, 212, 213, 214, 222, 223, 225, 226, 229, 243, 244, 245, 246, 247, 249, 253, 256, 257, 258, 260, 269 (any alpha), 284, 285, 293, 294, 295, 296; <b>DNCE</b> 121, 122, 131, 132, 150, 212, 213; <b>IS</b> 161; <b>MUS</b> 108, 114, 121B, 121C, 121D, 121Z, 122C, 183, 206, 229, 230, 231B, 231C, 231M, 253; <b>SP</b> 151, 231, 233, 251; <b>THEA</b> 101, 221, 222 <b>Humanities (DH):</b> AMST 201; ART 270, 280, 290; <b>ASL</b> 290; <b>CHNS</b> 290; <b>HAW</b> 290; <b>HIST</b> 222, 231, 232, 241, 242, 281, 282, 284, 288; <b>HUM</b> 269; <b>HWST</b> 100, 107, 216, 285; <b>IS</b> 109; <b>JPNS</b> 131, 290; <b>KOR</b> 290; <b>LING</b> 102; <b>MUS</b> 106, 170; <b>PHIL</b> 100, 101, 102, 103, 211, 213, 250; <b>REL</b> 151, 200, 201, 202, 209, 210, 215, 222; <b>SLT</b> 202B <b>Literatures (DL):</b> EALL 261, 262, 269 (any alpha), 271, 272; <b>ENG</b> 270 (any alpha), 271 (any alpha), 272 (any alpha), 273 (any alpha); <b>HAW</b> 261, 262; <b>HWST</b> 270; <b>LLEA</b> 239; <b>PACS</b> 257; <b>SPAN</b> 250			
<b>Diversification Social Sciences (DS):</b> (1 course) ANTH 200; <b>ASAN</b> 100; <b>BOT</b> 105; <b>COM</b> 201; <b>ECON</b> 120, 130, 131; <b>ED</b> 284, 289; <b>ES</b> 101; <b>FAMR</b> 230; <b>GEOG</b> 210; <b>HWST</b> 255; <b>JOUR</b> 150; <b>LAW</b> 101; <b>PACS</b> 108, 201, 202; <b>POLS</b> 110, 120, 130, 207; <b>PSY</b> 100, 170, 202, 212, 240, 250, 260, 270; <b>SLT</b> 102, 103; <b>SOC</b> 100, 214, 218, 231, 251, 257; <b>SOCs</b> 225; <b>SP</b> 181; <b>SSCI</b> 260; <b>WS</b> 202			
II. CHEMISTRY COURSES (8 Credits)	COURSE	CR	GR
<b>CHEM</b> 161 (General Chemistry I) Prerequisite(s): MATH 103 or placement in MATH 135. Recommended: MATH 135. <input type="checkbox"/> <b>CHEM</b> 161L (General Chemistry I Lab) Prerequisite(s): MATH 103; credit or concurrent enrollment in CHEM 161. <input type="checkbox"/> <b>CHEM</b> 162 (General Chemistry II) Prerequisite(s): "C" or higher in CHEM 161 and MATH 103. Recommended MATH 135. <input type="checkbox"/> <b>CHEM</b> 162L (General Chemistry II Lab) Prerequisite(s): CHEM 161, CHEM 161L, MATH 103; credit or concurrent enrollment in CHEM 162. <input type="checkbox"/>			
III. BIOLOGICAL SCIENCES (12 - 13 Credits)	COURSE	CR	GR
<b>BIOL</b> 171 (General Biology I) Prerequisite(s): Credit or concurrent enrollment in CHEM 161. See catalog for recommended preparation. <input type="checkbox"/> <b>BIOL</b> 171L (General Biology I Lab) Prerequisite(s): Credit or concurrent enrollment in BIOL 171. See catalog for recommended preparation. <input type="checkbox"/> <b>BIOL</b> 172 (General Biology II) Prerequisite(s): BIOL 171 or instructor consent. Strongly recommended to take BIOL 172L with BIOL 172. <input type="checkbox"/> <b>BIOL</b> 172L (General Biology II Lab) Prerequisite(s): Credit or concurrent enrollment in BIOL 172. <input type="checkbox"/> <b>BIOL</b> 265 or 275 (Ecology and Evolutionary Biology or Cell and Molecular Biology) (see catalog for prerequisites) <input type="checkbox"/> <b>BIOL</b> 265L or 275L (Ecology and Evolutionary Biology Lab or Cell and Molecular Biology Lab) (see catalog for prerequisites) <input type="checkbox"/>			
IV. ELECTIVES (20-21 Credits) (** indicates strongly recommended courses)	COURSE	CR	GR
<b>ASTR</b> 110; <b>BIOC</b> 141, 244; <b>BIOL</b> 124, 124L, 265**, 265L**, 275**, 275L**, <b>BOT</b> 201**, 201L**, <b>CHEM</b> 272**, 272L**, 273**, 273L**, <b>CE</b> 270, 271; <b>EE</b> 160, 211, 260, 296; <b>GG</b> 101L, 103; <b>ICS</b> 111, 141, 211, 212, 241; <b>MATH</b> 100, 115, 206**, 231, 232; <b>ME</b> 213; <b>MICR</b> 130, 140, 161, 230, 240; <b>OCN</b> 201; <b>PHYS</b> 151, 151L, 152, 152L, 170, 170L, 272, 272L, 274; <b>PHYL</b> 160, 160L; <b>SCI</b> 295 (alpha)**; <b>ZOOL</b> 141, 141L, 142, 142L, 200, 200L; any Hawaiian or Second Language course ( <b>HSL</b> ) 101, 102, 201, 202; any course listed under the <b>DA, DH, DL, DS</b> diversification designations. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			

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Advising sheets may be subject to human error. Refer to the current KCC Catalog for residency, curriculum, and other graduation requirements.  
 Thinking about transfer to UH Mānoa? Consider Writing Intensive (WI) and/or Hawaiian, Asian & Pacific Issues (HAP) focus courses at KCC.

Advising: Maida Kamber Center for Career Exploration, Transfer and Graduation (‘Ilima 104, 808-734-9500)  
 Walk-in Advising Hours: Monday - Thursday 8:30 am - 4:30 pm

The Science, Technology, Engineering, Math (STEM) Center in Koki’o 202 offers tutoring, internship, and scholarship support.