

**ASSOCIATE IN SCIENCE (AS) 2019-20**  
**Natural Science - Biological Science**  
**Graduation Checklist for Windward Community College**  
**60 credits**

To earn an Associate in Science (A.S.) Degree, Windward Community College students must complete 60 credits in courses numbered 100 or above with a grade-point average of at least 2.0. Credits must be earned in the required areas. The courses listed are 3 credits, except as noted in parentheses next to the entry.

This is not an official document. Check catalog for course description and prerequisite. **Check course core designation at the Class Availability website. Course core designation may differ at the various UH campuses.** See your academic counselor if you need help.

**FOUNDATIONS REQUIREMENTS:**

**WRITTEN COMMUNICATION (FW)**

Required: A total of 3 credits.

\_\_\_ENG 100

**GLOBAL & MULTICULTURAL PERSPECTIVES (FG)**

Required: A total of 6 credits; each course selected from 2 different groups.

(FGA) \_\_\_ANTH 151

\_\_\_ART 175

\_\_\_HIST 151

(FGB) \_\_\_ANTH 152

\_\_\_ART 176

\_\_\_GEOG 102 If taken

\_\_\_HIST 152

(FGC) \_\_\_REL 150

at WCC F2015 or later+

**QUANTITATIVE REASONING (FQ)**

The Foundation FQ requirement will be met by MATH 241 (requirement concentration course)

**DIVERSIFICATION REQUIREMENTS:**

**ARTS, HUMANITIES, & LITERATURE** Required: A total of 3 credits.

**Arts (DA)**

___ART 101	___ART 202	___CM 204C	___DNCE 270	___JOUR 270	___MUS 211 (2)	___THEA 220
___ART 104D	___ART 207	___CM 220	___ENG 204A	___JOUR 286	___MUS 221C (2)*	___THEA 221
___ART 105B	___ART 208	___CM 223	___ENG 204B	___MUS 108	___MUS 222C (2)*	___THEA 222
___ART 105C	___ART 213	___CM 240	___ENG 204C	___MUS 114 (2)*	___MUS 240	___THEA 223
___ART 107	___ART 214	___CM 242	___ENG 280	___MUS 121B (2)*	___MUS 253	___THEA 225
___ART 108	___ART 220	___CM 280	___HWST 130	___MUS 121C (2)*	___MUS 280	___THEA 231
___ART 111	___ART 223	___CM 286	___HWST 131	___MUS 121D (2)*	___SP 151	___THEA 232
___ART 112	___ART 224	___CM 295A	___HWST 135	___MUS 121F (2)*	___SP 231	___THEA 233
___ART 113	___ART 243	___CM 295B	___HWST 136	___MUS 121Z (2)*	___SP 251	___THEA 240
___ART 114	___ART 244	___DNCE 121	___HWST 222	___MUS 122B (2)*	___SP 253	___THEA 260
___ART 115	___ART 251	___DNCE 131	___HUM 100	___MUS 122C (2)*	___THEA 101	___THEA 280
___ART 116	___ART 253	___DNCE 122	___HUM 269V (1-6)*	___MUS 122D (2)*	___THEA 131	
___ART 123	___ART 260	___DNCE 132	___ICS 123	___MUS 122F (2)*	___THEA 132	
___ART 126	___CM 120	___DNCE 221	___ICS 203	___MUS 122Z (2)*	___THEA 133	
___ART 189	___CM 126	___DNCE 231	___JOUR 200	___MUS 130F (2)*	___THEA 211	

\*Any combination that totals 3 credits will be considered the equivalent of one semester course.

**Humanities (DH)**

___ART 269V (1-6)	___HWST 270	___HIST 231	___HIST 281	___MUS 107	___PHIL 211	___REL 205
___CM 255	___HWST 273	___HIST 232	___HIST 282	___MUS 166	___PHIL 213	___REL 206
___HWST 107	___HWST 275	___HIST 241	___HIST 284	___MUS 177	___REL 151	___REL 207
___HWST 115	___HWST 275L (1)*	___HIST 242	___HIST 285	___PHIL 100	___REL 201	___THEA 177
___HWST 140	___HWST 285 (4)	___HIST 260	___LING 102	___PHIL 101	___REL 202	
___HWST 255	___HIST 230		___MUS 106	___PHIL 102		

**Literature (DL)**

\_\_\_ENG 270                      \_\_\_ENG 271                      \_\_\_ENG 272

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NATURAL SCIENCES: The Diversification requirement will be met by CHEM 161 (requirement concentration course).

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SOCIAL SCIENCES (DS): Required: A total of 3 credits.

___ ANTH 175 & 175L (4)	___ GEOG 252	___ PSY 100	___ PSY 257	___ SOCS 225
___ ANTH 210	___ JOUR 150	___ PSY 170	___ PSY 260	___ SW 200
___ BOT 105	___ PACS 108	___ PSY 202	___ PSY 270	___ SP 260
___ ECON 130	___ POLS 110	___ PSY 212	___ SOC 100	___ WS 151
___ ECON 131	___ POLS 120	___ PSY 224	___ SOC 218	___ WS 200
___ ECON 220	___ POLS 130	___ PSY 240	___ SOC 231	___ WS 202
___ FAMR 230	___ POLS 180	___ PSY 250	___ SOC 251	
___ GEOG 151	___ POLS 243	___ PSY 251		

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**CONCENTRATION REQUIREMENTS: BIOLOGICAL EMPHASIS: 24-25 credits**

___ BIOL 171	___ CHEM 161	___ MATH 241 (4)	___ BIOL 265/265L (3/1) <b>OR</b>
___ BIOL 171L (1)	___ CHEM 161L (1)		___ BIOL 275/275L (3/1) <b>OR</b>
___ BIOL 172	___ CHEM 162		___ CHEM 272/272L (3/2) <b>OR</b>
___ BIOL 172L (1)	___ CHEM 162L (1)		___ PHYS 151/151L (3/1)

**NATURAL SCIENCES ELECTIVES:** Required: A minimum of 6 credits of Natural Sciences (DB, DP, DY) courses numbered 100 or above, EE 160, ICS 111, 141, 211, 241, MATH 100, 103, 115, and higher, SCI 295V

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**ELECTIVES:** Required: 15 credits numbered 100 or above to achieve a total of 60 credits.

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UH articulation website: <http://www.hawaii.edu/transferdatabase/>  
+If taken at WCC

**Graduation Requirements**

- Cumulative GPA of 2.0 or higher for all course work taken in fulfillment of A.S. degree requirements.
- Any one course can fulfill only one area. (eg: SP 151, SP 231, SP 251)
- At least 12 of the credits for the A.S. degree must be earned at Windward Community College.
- No more than 12 credits in any combination of independent study or cooperative education may apply to the degree requirements.
- When there is a break in enrollment (not attending fall or spring semester), you must use the graduation requirements in effect at the time you return to WCC.
- Last day for graduation certification is the last day of instruction.