

**ASSOCIATE IN SCIENCE (AS) 2018-19**  
**Natural Science - Physical 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)

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**DIVERSIFICATION REQUIREMENTS:**

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

**Arts (DA)**

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

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

**Literature (DL)**

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

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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		

NATURAL SCIENCES: Required: A minimum of 3 credits Biological Sciences (DB).

___AG 120	___ANSC 262	___BIOL 171	___BOT 160	___ZOO 101
___AG 152	___ANSC 271	___BIOL 172	___BOT 205	___ZOO 141
___ANSC 142	___AQUA 106	___BIOL 200	___BOT 210	___ZOO 142
___ANSC 151	___AQUA 201	___BIOL 265	___FSHN 185	___ZOO 154
___ANSC 152	___BIOL 100	___BIOL 275	___IS 201 (2)	___ZOO 200
___ANSC 253	___BIOL 101	___BOT 101	___MICR 130	___ZOO 254
___ANSC 261	___BIOL 124	___BOT 130	___PHRM 203	

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

___CHEM 161	___MATH 241 (4)	___PHYS 151 OR	___PHYS 152 OR
___CHEM 161L (1)	___MATH 242 (4)	PHYS 170 (4)	PHYS 272
___CHEM 162		___PHYS 151L (1) OR	___PHYS 152L (1) OR
___CHEM 162L (1)		PHYS 170L (1)	PHYS 272L(1)

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**NATURAL SCIENCE 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: 12 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.