



ASSOCIATE OF SCIENCE – COMPUTER SCIENCE DEGREE (104 credits)

2018-2019

Program Prerequisites:

- MTH 112 Elementary Functions (5 credits) or equivalent placement test scores
- WR 115 Introduction to Expository Writing (4 credits) or equivalent placement test scores
- RD 115 Critical Reading (4 credits) or equivalent placement test scores

Course Number	Course Title	Prerequisites	Credits
Fall Term			
<input type="checkbox"/> CS 160	Computational Thinking	WR 115, RD 115, MTH 20 or test	4
<input type="checkbox"/> WR 121	English Composition	RD 115, WR 115 or test	4
<input type="checkbox"/>	General Education Elective: Arts & Letters ¹	MTH 20 or test; WR 121 pre/co	4
<input type="checkbox"/>	General Education Elective: Social Science ¹	MTH 20 or test; WR 121 pre/co	4
Winter Term			
<input type="checkbox"/> CS 161	Programming & Problem Solving	Pre/co CS 160	4
<input type="checkbox"/> WR 122 or 227	English Composition or Technical and Professional Writing	WR 121	4
<input type="checkbox"/>	General Education Elective: Arts & Letters ¹	MTH 20 or test; WR 121 pre/co	4
<input type="checkbox"/>	General Education Elective: Social Science ¹	MTH 20 or test; WR 121 pre/co	4
Spring Term			
<input type="checkbox"/> CS 162	Web Development & Object-oriented Programming	CS 161	4
<input type="checkbox"/> CS 163	Data Placement	CS 161	4
<input type="checkbox"/> COMM 111	Public Speaking	WR 121; MTH 20 or test	4
<input type="checkbox"/> HPE 295	Health and Fitness	none	3
<input type="checkbox"/>	General Education Elective: Social Science ¹	MTH 20 or test; WR 121 pre/co	4
Fall Term			
<input type="checkbox"/> CS 260	Data and Algorithms	CS 163	4
<input type="checkbox"/> MTH 251	Calculus I	MTH 112 or test	5
<input type="checkbox"/>	General Education Elective: Science ²	MTH 20 or test; WR 121 pre/co	5
<input type="checkbox"/>	General Education Elective: Social Science ¹	MTH 20 or test; WR 121 pre/co	4
Winter Term			
<input type="checkbox"/> CS 250	Discrete Structures	CS 160	4
<input type="checkbox"/> CS 262	Programming Practices	CS 162	4
<input type="checkbox"/> MTH 252	Calculus II	MTH 251	5
<input type="checkbox"/>	General Education Elective: Science ²	MTH 20 or test; WR 121 pre/co	5
Spring Term			
<input type="checkbox"/> CS 251	Logic for Computing Science	CS 250	4
<input type="checkbox"/> CS 271	Computer Systems	CS 260	4
<input type="checkbox"/>	General Education Elective: Arts & Letters ¹	MTH 20 or test; WR 121 pre/co	4
<input type="checkbox"/>	General Education Elective: Science ²	MTH 20 or test; WR 121 pre/co	5

¹ One General Education Elective of 3 credits or more must be designated as fulfilling Cultural Literacy requirements.

² Science General Education Elective is required to be a biological or physical science with lab.

NOTE: Scheduling requirements may prevent all courses from being offered every term. Consultation with an advisor is critical to student's selection of courses.

General Education List

12 Credits Arts & Letters

16 Credits Social Sciences

15 Credits Lab Science

ARTS & LETTERS	SOCIAL SCIENCES	SCIENCE & MATHEMATICS
<p><u>ART</u> ART 102 Understanding the Visual Arts ART 211, 212 Modern Art History ART 230 Drawing I ART 252, 255 Ceramics I, II ART 269 Printmaking I ART 280 Painting Basics ART 286 Watercolor I</p> <p><u>CHINESE</u> CHN 101*, 102*, 103* First Year Chinese</p> <p><u>COMMUNICATIONS</u> COMM 111 Public Speaking COMM 140 # Intro to Intercultural Communication COMM 214 Interpersonal Communication COMM 215 Small Group Communication COMM 228 Mass Communication and Society COMM 237 Gender and Communication</p> <p><u>ENGLISH</u> ENG 104, 105, 106 Intro. to Literature ENG 195 Film Studies: Film as Art ENG 201, 202 Shakespeare ENG 213 # Latin American Literature ENG 214 Literature of the Pacific Northwest ENG 222 # Images of Women in Literature ENG 237 # American Working Class Literature ENG 250 # Intro. to Folklore and Mythology ENG 253, 254 Survey of American Literature ENG 260 # Introduction to Women Writers</p> <p><u>JAPANESE</u> JPN 101*, 102*, 103* First Year Japanese JPN 201, 202, 203 Second Year Japanese</p> <p><u>MUSIC</u> MUS 108 # Music Cultures of the World MUS 110 Fundamentals of Music</p> <p><u>PHILOSOPHY</u> PHL 201 Introduction to Philosophy: Philosophical Problems PHL 202 Introduction to Philosophy: Elementary Ethics PHL 204 Philosophy of Religion</p> <p><u>SPANISH</u> SPA 101*, 102*, 103* First Year Spanish SPA 201, 202, 203 Second Year Spanish</p> <p><u>THEATER ARTS</u> TA 274 Theatre History</p> <p><u>WRITING</u> WR 241, 242, 243 Creative Writing WR 244, 245, 246, 247 Advanced Creative Writing</p> <p><u>WOMEN'S STUDIES</u> WS 101 # Women's Studies WS 201 # Women of the World WS 202 # Activism and Social Change</p>	<p><u>ANTHROPOLOGY</u> ATH 101 Introduction to Physical Anthropology ATH 102 Introduction to Archaeology and Prehistory ATH 103 Introduction to Cultural Anthropology ATH 208 # Introduction to Ethnography ATH 231 # Native Americans of the Northwest</p> <p><u>ECONOMICS</u> EC 200, 201, 202 Principles of Economics</p> <p><u>HEC</u> HEC 226* Child Development</p> <p><u>HISTORY</u> HST 101 #, 102 #, 103 # Western Civilization HST 104 # History of the Middle East HST 105 # History of India and South Asia Region HST 106 # History of China HST 110 #, 111 #, 112 # World History HST 201 #, 202 #, 203 # History of the U.S. HST 204 #, 205 # History of Women in the U.S. HST 218 # American Indian History HST 225 # History of Women, Sex & the Family HST 240 # Oregon History HST 270 # History of Mexico</p> <p><u>POLITICAL SCIENCE</u> PS 201, 202 U.S. Government I, II PS 203 State and Local Politics PS 204 # Comparative Political Systems PS 205 # Global Politics: Conflict & Cooperation PS 211 # Peace and Conflict PS 220 U.S. Foreign Policy PS 225 # Political Ideologies: Idea Systems</p> <p><u>PSYCHOLOGY</u> PSY 101 Psychology and Human Relations PSY 201A #, 202A # Intro. to Psychology I, II PSY 213 Introduction to Behavioral Neuroscience PSY 214 Introduction to Personality PSY 215 Human Development PSY 216 Social Psychology PSY 222 # Family & Intimate Relationships PSY 231, 232 Human Sexuality PSY 239 Introduction to Abnormal Psychology</p> <p><u>SOCIOLOGY</u> SOC 204 # Sociology in Everyday Life SOC 205 # Social Change in Societies SOC 206 # Social Problems SOC 213 # Diversity in the United States SOC 218 # Sociology of Gender SOC 219 # Religion & Culture: Social Dimensions SOC 231 # Sociology of Health & Aging</p> <p><u>WOMEN'S STUDIES</u> WS 101 # Women's Studies WS 201 # Women of the World WS 202 # Activism and Social Change</p>	<p><u>BIOLOGY</u> BI 101 Biology (L) BI 121, 122 Introduction to Human Anatomy & Physiology I, II (L) BI 141, 142, 143 Habitats (L) BI 211, 212, 213 Principles of Biology (L) BI 231 Human Anatomy & Physiology I (L) BI 232 Human Anatomy & Physiology II (L) BI 233 Human Anatomy & Physiology III (L) BI 234 Microbiology (L)</p> <p><u>CHEMISTRY</u> CH 100 Everyday Chemistry with Lab (L) CH 121, 122, 123 General Chemistry I, II, III (L) CH 221, 222, 223 General Chemistry I, II, III (L)</p> <p><u>ENVIRONMENTAL SCIENCE</u> ESR 171, 172, 173 Environmental Science (L)</p> <p><u>GEOLOGY</u> G 201, 202 Physical Geology (L) G 203 Historical Geology (L) G 207** Geology of the Pacific Northwest G 208** Volcanoes and Their Activity</p> <p><u>GENERAL SCIENCE</u> GS 106 Physical Science (Geology) (L) GS 107 Physical Science (Astronomy) (L) GS 108 Physical Science (Oceanography) (L) GS 109 Physical Science (Meteorology) (L)</p> <p><u>MATHEMATICS</u> MTH 105** Math in Society MTH 111** College Algebra MTH 112** Elementary Functions MTH 243**, 244** Statistics I, II MTH 251**, 252**, 253** Calculus I, II, III</p> <p><u>KEY:</u> * Does Not Meet Requirements for AAOT or ASOT-BUS ** Does Not Meet Requirements for ASOT-BUS # Meets Cultural Literacy Requirement (L) Meets Biological/Physical Science Lab Requirement</p>

Revised 6/19/18

This form is intended for advising purposes only. See your declared catalog for a complete list of degree requirements.

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