



ASSOCIATE OF SCIENCE – COMPUTER SCIENCE DEGREE (104 credits)

2016-2017

Prerequisites: Successful completion of WR 115, RD 115, MTH 112 – OR – placement into WR 121, no reading required, MTH 251

Courses Offered by Term	Required Courses	Course Title	Credits
Year One			
Fall	<input type="checkbox"/> CS 160	Computational Thinking	4
Fall	<input type="checkbox"/> WR 121	English Composition	4
Fall	<input type="checkbox"/> Gen. Ed. Elective	General Education Elective: Arts & Letters ¹	4
Fall	<input type="checkbox"/> Gen. Ed. Elective	General Education Elective: Social Science ¹	4
Winter	<input type="checkbox"/> CS 161	Programming & Problem Solving	4
Winter	<input type="checkbox"/> WR 122 – OR – WR 227	English Composition – OR – Technical & Prof Writing	4
Winter	<input type="checkbox"/> Gen. Ed. Elective	General Education Elective: Arts & Letters ¹	4
Winter	<input type="checkbox"/> Gen. Ed. Elective	General Education Elective: Social Science ¹	4
Spring	<input type="checkbox"/> CS 162	Web Development & Object-oriented Programming	4
Spring	<input type="checkbox"/> CS 163	Data Placement	4
Spring	<input type="checkbox"/> COMM 111	Public Speaking	4
Spring	<input type="checkbox"/> HPE 295	Health & Fitness For Life	3
Spring	<input type="checkbox"/> Gen. Ed. Elective	General Education Elective: Social Science ¹	4
Year Two			
Fall	<input type="checkbox"/> CS 260	Data & Algorithms	4
Fall	<input type="checkbox"/> MTH 251	Calculus I	5
Fall	<input type="checkbox"/> Gen. Ed. Elective	General Education Elective: Science ²	5
Fall	<input type="checkbox"/> Gen. Ed. Elective	General Education Elective: Social Science ¹	4
Winter	<input type="checkbox"/> CS 250	Discrete Structures	4
Winter	<input type="checkbox"/> MTH 252	Calculus II	5
Winter	<input type="checkbox"/> CS 262	Programming Practices	4
Winter	<input type="checkbox"/> Gen. Ed. Elective	General Education Elective: Science ²	5
Spring	<input type="checkbox"/> CS 251	Logic for Computing Science	4
Spring	<input type="checkbox"/> CS 271	Computer Systems	4
Spring	<input type="checkbox"/> Gen. Ed. Elective	General Education Elective: Arts & Letters ¹	4
Spring	<input type="checkbox"/> Gen. Ed. Elective	General Education Elective: Science ²	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.

Associate of Science Degree General Education Distribution List

Candidates for the AS Degree must select distribution courses from the following lists (subject to additions or changes).

ARTS & LETTERS	SOCIAL SCIENCES	SCIENCE & MATHEMATICS
<p><u>ART</u> ART 101 Understanding Architecture ART 102 Understanding the Visual Art ART 206 History of Western Art ART 211, 212 Modern Art History ART 231 Drawing ART 270 Printmaking ART 284 Watercolor I ART 292 Sculpture: Mixed Media</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 Introduction to Literature ENG 195 Film Studies: Film as Art 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 ENG 261 Literature of Science Fiction</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 MUS 202 Intro to Music & its Literature</p> <p><u>PHILOSOPHY</u> PHL 197 Manufacturing Reality: Critical Thinking & Media PHL 201 Being and Knowing PHL 202 Ethics PHL 204 Philosophy of Religion PHL 210* Introduction to Asian Philosophy PHL 211 Existentialism</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 101 Theater Appreciation TA 141 Fundamentals of Acting Techniques TA 274 Theatre History</p> <p><u>WRITING</u> WR 241, 242, 243 Creative Writing WR 244, 245, 246, 247 Adv. 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>CONSUMER AND FAMILY STUDIES</u> HEC 226 Child Development</p> <p><u>ECONOMICS</u> EC 200 Principles of Economics: Introduction, Institutions & Philosophies EC 201 Principles of Economics: Microeconomics EC 202 Principles of Economics: Macroeconomics</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 201, 202, 203 History of the U.S. HST 204, 205 History of Women in the U.S. HST 218 Native 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 & 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 Philosophy</p> <p><u>PSYCHOLOGY</u> PSY 101 Psychology and Human Relations PSY 201A, 202A Introduction to Psychology I, II PSY 213 Introduction to Behavior 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 231 Sociology of Health and 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 (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, 232, 233 Human Anatomy & Physiology I, II, 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 111 College Algebra MTH 112 Elementary Functions MTH 243, 244 Statistics I, II MTH 251, 252, 253 Calculus I, II, III</p> <p><u>PHYSICS</u> PHY 201, 202, 203 General Physics (L)</p> <p><u>KEY:</u> (L) Meets Biological/Physical Science Lab Requirement</p>

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

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