

AS Degree, Biology U of O for Catalog 2018-2019
AS Degree, Biology U of O- FIRST YEAR

FALL TERM		CREDITS	PREREQUISITES	QUARTER
BI-211	General Biology for Science Majors (Cellular Biology)	5	Recommended MTH-111 or placement in MTH-112; WRD-090 or placement in RD-115; WRD-098 or placement in WR-121. Corequisite: Current enrollment in or previous completion of CH-104 or CH-221	Fall
CH-221	General Chemistry	5	Prerequisites: A year of high school chemistry or CH-150, or CH-104 and CH-105; MTH-095 with a C or better, or placement in MTH-105 or MTH-111	Fall/Winter
WR-121	English Composition	4	Prerequisite: WRD-098 or placement in WR-121. Recommended: WRD-090 or placement in RD-115	Fall/Win/ Spring/Sum
WINTER TERM				
BI-212	General Biology for Science Majors (Animal Biology)	5	Corequisite: CH-105 or CH-222	Winter
CH-222	General Chemistry	5	Prerequisite: CH-221	Winter/Spr
WR-122	English Composition	4	WR 122: Prerequisite: WR-121 with a C or better. Recommended: WRD-090 or placement in RD-115	Fall/Win/ Spring/Sum
SPRING TERM				
BI-213	General Biology for Science Majors (Plant Biology & Ecology)	5	Prerequisite or Corequisite: CH-105 or CH-222	Spring
CH-223	General Chemistry	5	Prerequisite: CH-222	Spring/Sum
CS-120 or MTH-243	Survey of Computing Statistics I (recommended)	4	CS-120: Prerequisites: CS-090 or placement in CS-120; WRD-098 or placement in WR-121 MTH-243: Prerequisite: MTH-105, MTH-111, MTH-112 or MTH-251 with a C or better, or placement in MTH-112 or MTH-251. Recommended: WRD-098 or placement in WR-121	Fall/Win/ /Spr/Sum
Choose from the list of electives	Core Electives	4		

AS Degree, Biology U of O- SECOND YEAR

FALL TERM		CREDITS	PREREQUISITES	QUARTER
CH-241	Organic Chemistry I	5	Prerequisite: CH-223	Fall
MTH-251	Calculus I	5	Prerequisite: MTH-112 with a C or better or placement in MTH-251. Recommended: WRD-098 or placement in WR-121	Fall/Win/ Spr/Sum
PH-201	General Physics	5	Prerequisite: MTH-112 with a C or better or placement in MTH-251; WRD-090 with a C or better or placement in RD-1151, or placement in WR-121	Fall
Choose from the list of electives	Core Electives	3		
WINTER TERM				
CH-242	Organic Chemistry II	5	Prerequisite: CH-241	Winter
MTH-252	Calculus II	5	Prerequisite: MTH-251 with a C or better. Recommended: WRD-098 or placement in WR-121	Fall/Win/ Spr/Sum

PH-202	General Physics	5	Prerequisite: PH-201	Winter
SPRING TERM				
CH-243	Organic Chemistry III	5	Prerequisite: CH-242	Spring
PH-203	General Physics	5	Prerequisite: PH-202	Spring
Choose from the list of electives	Core Electives	3		

Credits required for degree 92

Core Electives: Any General Education course in Arts & Letters or Social Sciences listed on page 50 in the catalog.

Core Elective Approved List (same as the General Education courses in Arts and Letters or Social Sciences listed on page 50 of the Clackamas course catalog)

<p>Arts and Letters</p> <p>ART-101, ART-102, ART-103 Art Appreciation ART-204, ART-205, ART-206 Hist. of Western Art ART-115 Basic Design: Two Dimensional Design ART-116 Basic Design: Color Theory & Comp. ART-117 Basic Design: 3 Dimensional Comp. ART-131, ART-132, ART-133 Drawing ART-194 Watercolor Painting ART-195 Watercolor Painting, Intermediate ART-225 Computer Graphics I ART-226 Computer Graphics II ART-227 Computer Graphics III ART-250, ART-251, ART-252 Ceramics/Beginning ART-253, ART-254, ART-255 Ceramics/Intermed. ART-281, ART-282, ART-283 Painting/Beginning ART-284, ART-285, ART-286 Painting/Intermed. ART-291, ART-292, ART-293 Sculpture</p> <p>ASL-201 Second-Year American Sign Language I ASL-202 Second-Year American Sign Language II ASL-203 Second-Year American Sign Language III</p> <p>BA-130 Leadership in Literature</p> <p>COMM 105 not in catalog COMM-126 Communication Between the Sexes COMM-140 Intro to Intercultural Communication COMM-212 Mass Media & Society COMM-218 Interpersonal Communication COMM-219 Small Group Communication COMM-227 Non-Verbal Communication</p> <p>DMC-195 American Film</p> <p>ENG-104 Introduction to Literature: Fiction ENG-105 Introduction to Literature: Drama ENG-106 Introduction to Literature: Poetry ENG-107 World Literature: Ancient ENG-108 World Literature: Medieval- Enlight. ENG-109 World Literature: Romantic-Modern ENG-116 Introduction to Literature: Comics ENG-121 Mystery Fiction ENG-130 Leadership in Literature ENG-195 American Film ENG-201, ENG-202 Shakespeare</p> <p>PHL-101 Philosophical Problems PHL-102 Ethics PHL-103 Critical Reasoning</p>	<p>ENG 203 not in catalog ENG-204 Survey of English Literature, Part 1 ENG-205 Survey of English Literature, Part 2 ENG-213 U.S. Latino Literature ENG-214 The Graphic Memoir ENG-216 not in catalog ENG-218 Arthurian Legends ENG-226 Popular Literature ENG-240 Native American Mythology ENG-241 Norse Mythology ENG-242 Middle Eastern Mythology ENG-250 Greek Mythology ENG-251 Celtic Mythology ENG-252 Hindu Mythology ENG-253 American Literature, Part 1 ENG-254 American Literature, Part 2 ENG-266 The Literature of War ENG-270 Introduction to Literary Criticism ENG-275 not in catalog</p> <p>FR-201 Second-Year French I FR-202 Second-Year French II FR-203 Second-Year French III</p> <p>GER-201 Second-Year German I GER-202 Second-Year German II GER-203 Second-Year German III</p> <p>HUM-160 Faith & Reason HUM-170 not in catalog HUM-180, HUM-181, HUM-182 Pathway to Sustainability HUM-231 Engendered Identities HUM-235 Perspectives on Terrorism HUM-240 American Military Con.: Wars Natl Id HUM-241 American Military Conflict: Global War HUM-242 American Military Con: Asymmetric Warfare</p> <p>J-211 Mass Media & Society</p> <p>MUS-105 Music Appreciation MUS-111, MUS-112, MUS-113 Music Theory I MUS-205 Music Literature: History of Jazz MUS-206 Music Literature: History of Rock MUS-211, MUS-212, MUS-213; Music Theory I</p> <p>PS-200 Introduction to Political Science PS-201 American Government & Politics PS-203 US Government: State & Local Institutions</p>
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<p>Social Sciences</p> <p>ANT-101 Physical Anthropology ANT-102 Archaeology & Prehistory ANT-103 Cultural Anthropology ANT-231 Indians of the Pacific Northwest ANT-232 Indians of North America</p> <p>CJA-101 Criminology</p> <p>EC-115 not in catalog EC-200 Introduction to Economics EC-201 Principles of Economics: MICRO EC-202 Principles of Economics: MACRO</p> <p>GEO-100 Introduction to Physical Geography GEO-110 Cultural & Human Geography GEO-121 Regional Geography Developing World GEO-122 Regional Geography Developed World GEO-130 Intro to Environmental Geography GEO-208 Geography of the U.S. & Canada GEO 230 not in catalog</p> <p>HST-101, HST-102, HST-103 Hist of Western Civ. HST-130 Oddballs & Outcasts in Western Civ. HST-131 History Crime & Punishment in West. Civ HST-132 Hist of Language & Written Word W. Civ HST-136 Hist Pop Culture, Entertain & Sports HST-137 History of Science, Medicine & Tech. HST-138 History of Love, Marriage & the Family HST-201, HST-202, HST-203 History of the USA HST-210 Great Depression & New Deal America HST-220 Introduction to Oral History</p>	<p>PS-204 Introduction to Comparative Politics PS-205 International Relations PS-206 Introduction to Political Theory PS-225 Introduction to Political Ideologies PS-297 Introduction to Environmental Politics</p> <p>PSY-200 Psychology as a Natural Science PSY-205 Psychology as a Social Science PSY-214 Introduction to Personality PSY-215 Intro to Developmental Psychology PSY-219 Introduction to Abnormal Psychology PSY-221 Introduction to Counseling PSY-231 Introduction to Human Sexuality</p> <p>SOC-204 Introduction to Sociology SOC-205 Social Stratification and Social Systems SOC-206 Institutions and Social Change SOC-210 Marriage, Family & Intimate Relations SOC-225 Social Problems</p> <p>SSC-160 Faith & Reason SSC-170 not in catalog SSC-231 Engendered Identities SSC-235 Perspectives on Terrorism SSC-240 American Military Conflict: Wars of National Identity SSC-241 American Military Conflict: Global War SSC-242 The American Military Conflict: Asymmetric Warfare</p> <p>WS-101 not in catalog</p>
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