



AS Degree, Biology PSU for 2018-2019 Catalog

AS Degree, Biology PSU- 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/Spring
WR-122 or WR-123 or WR-227	English Composition English Composition Technical Report Writing	3-4	Prerequisite: WR-121 with a C or better. Recommended: WRD-090 or placement in RD-115	Fall/Win/Spring/ Sum
choose from core elective list	Core Elective	4		
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/Summ
COMM-111 or COMM-140	Public Speaking Introduction to Intercultural Communication	4	Prerequisites: WRD-090 or placement in RD-115; WRD-098 or placement in WR-121	Fall/Win/ Spring/Sum

AS Degree, Biology PSU-SECOND YEAR

FALL TERM		CREDITS	PREREQUISITES	QUARTER
CH-241	Organic Chemistry I or Science elective Organic Chemistry is recommended since other schools require it.	4-5	Prerequisite: CH-223	Fall
MTH-243 or MTH-251	Statistics I or Calculus I	5	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 MTH 251: Prerequisite: MTH-112 with a C or better or placement in MTH-251. Recommended: WRD-098 or placement in WR-121	Fall/Win/Spr/ Summer
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 core elective list	Core elective	3		
WINTER TERM				
CH-242 Or choose from the science elective list	Organic Chemistry II or Science elective	4-5	Prerequisite: CH-241	Winter
MTH-244 or MTH-252	Statistics II Calculus II	5	MTH 244: Prerequisites: MTH-243 with a C or better. Recommended: WRD-098 or placement in WR-121 MTH 252: Prerequisite: MTH-251 with a C or better. Recommended: WRD-098 or placement in WR-121	Fall/Win/Spring (244) Fall/Win/Spr/ Sum (252)
choose from the core elective list	Core elective	3		
SPRING TERM				
CH-243	Organic Chemistry III or Science elective	6-7	Prerequisite: CH-242	Spring
choose from the general education science elective list	General Education Science Elective	4-5		
choose from the core elective list	Core Elective	6		

Credits required for degree 90-95

SCIENCE ELECTIVE

Minimum 14 science elective credits in G-201, G-202, G-203 General Geology PH-202 & PH-203 General Physics. Recommended: CH-242 Organic Chemistry I & CH-243 Organic Chemistry III

GENERAL EDUCATION SCIENCE ELECTIVE Any general education science course in ASC Arts and Sciences, BI Biology, CH Chemistry, ESR Environmental Science, G Geology, GS General Science, PH Physics, Z Zoology

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-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-204, ART-205, ART-206 Hist. of Western Art ART-225, 226, 227 Computer Graphics I, II, & III ART-250, ART-251, ART-252 Ceramics/Beginning ART-253, ART-254, ART-255 Ceramics/Intermed. ART-257 Metalsmithing 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, 202, 203 Second-Year American Sign Language I, II, 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-100 not in catalog 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 ENG-203 not in catalog R-101, R-102, R-103 Comparative Religions R-204 History of Christianity R-201 not in catalog R-210 World Religions</p>	<p>ENG-204, 205 Survey of English Literature I, II 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, 254 American Literature I, II ENG-266 The Literature of War ENG-270 Introduction to Literary Criticism ENG-275 not in catalog</p> <p>FR-201, 202, 203 Second-Year French I, II, III</p> <p>HUM-160 Faith & Reason HUM-170 not in catalog HUM-180, 181, 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 II</p> <p>PHL-101 Philosophical Problems PHL-102 Ethics PHL-103 Critical Reasoning PHL-205 Moral Issues PHL-210 Philosophy of Religion PHL-213 not in catalog PHL-215 History of Western Philosophy</p> <p>HST-101, 102, 103 History of Western Civilization HST-130 Oddballs & Outcasts in Western Civ. HST-131 History Crime & Punishment in West. Civ HST-132 Hist of Language & Written Word W. Civ</p>
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<p>R-211 History of the Old Testament R-212 History of the New Testament R-214 The Historical Jesus</p> <p>SPN-201, 202, 203 Second-Year Spanish I, II, III</p> <p>TA-101, TA- 102, TA-103 Apprec Theatre Arts TA-141, 142, 143 Acting I, II, III</p> <p>WR-220 Creative Writing Comics WR-241 Intro to Creative Writing Fiction WR-242 Creative Writing: Poetry WR-243 Creative Writing: Playwriting WR-244 Advanced Fiction Writing WR-245 Advanced Poetry Writing WR-247 Advanced Playwriting WR-248 Self-Publishing Manuscripts WR-262 Intro to Screenwriting WR-263 Advanced Screenwriting WR-265 Digital Storytelling WR-270 Food Writing</p> <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 CJA-201 Juvenile Delinquency</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-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-200 Introduction to Political Science PS-201 American Government & Politics PS-203 US Government: State & Local Institutions 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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