

AS Degree, Biology OSU for Catalog 2018-2019
AS Degree, Biology OSU—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
PE-185	PE Activity Course	1	Recommended: A completed physical by a doctor.	
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
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/Spring/Sum
SPRING TERM				
BI-213	General Biology for Science Majors (Plant Biology & Ecology)	5	Corequisite: CH-105 or CH-222	Spring
MTH-252	Calculus II	5	Prerequisite: MTH-251 with a C or better. Recommended: WRD-098 or placement in WR-121	Fall/Win/Spring/Sum
CH-223	General Chemistry	5	Prerequisite: CH-222	Spring/Summer

AS Degree, Biology OSU —SECOND YEAR

FALL TERM		CREDITS	PREREQUISITES	QUARTER
*CH-241	Organic Chemistry I	5	Prerequisite: CH-223	Fall
PH-201 or PH-211	General Physics General Physics with Calculus	5	PH 201: Prerequisite: MTH-112 with a C or better or placement in MTH-251; WRD-090 with a C or better or placement in RD-115, or placement in WR-121 PH 211: Prerequisites: MTH-251 with a C or better or placement in MTH-252 and WRD-090 with a C or better or placement in RD-115, or placement in WR-121. Recommended: MTH-254	Fall
WR-122 or WR-227	English Composition Technical Report Writing	4	Prerequisite: WR-121 with a C or better. Recommended: WRD-090 or placement in RD-115	Fall/Win/Spr/Sum
(pick your class from approved list)	Core electives	3		

WINTER TERM

CH-242	Organic Chemistry II	5	Prerequisite: CH-241	Winter
COMM-111 or COMM-112 or COMM-218	Public Speaking Persuasive Speaking Interpersonal Communication	4	Prerequisites: WRD-090 or placement in RD-115, WRD-098 or placement in WR-121	Fall/Win/Spr/Sum (111) Fall/Win/Spr (218)
PH-202 or PH-212	General Physics General Physics with Calculus	5	PH 202: Prerequisite: PH-201 PH 212: Prerequisites: PH-211 and MTH-252. Recommended: MTH-254	Winter

SPRING TERM

CH-243	Organic Chemistry III	5	Prerequisite: CH-242	Spring
HPE-295	Health & Fitness for Life	3	Recommended: A completed physical by a doctor.	Fall/Win/Spring
PH-203 or PH-213	General Physics General Physics with Calculus	5	PH 203: Prerequisite PH-202 PH 213: Prerequisite PH-212	Spring
(pick your class here from approved list)	Core electives	3		

Credits required for degree 92

* Organic Chemistry —satisfies degree requirement but does not transfer at 300 level credits unless student passes the ACS organic exam. OSU highly recommends taking the ACS organic exam. Transfers as a combination of CH-331, 332 & 337.

Core Electives, Choose from the following:

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

ART-101, ART-102, ART-103 Art Appreciation
ART-204, ART-205, ART-206 History of Western Art

ASC-175, ASC-176, ASC-177 Integrated Science Inquiry

BI-101 General Biology; Cellular Biology
BI-102 General Biology; Animal Systems
BI-103 General Biology; Plants and the Ecosystem
BI-175, BI-176, BI-177 Integrated Science Inquiry
BI-204 Elementary Microbiology
BI-211 General Biology for Science Majors (Cellular Biology)
BI-212 General Biology for Science Majors (Animal Biology)
BI-213 General Biology for Science Majors (Plant Biology & Ecology)
BI-234 Introductory Microbiology

CH-104, CH-105 Introductory Chemistry
CH-114 Chemistry in Art
CH-221, CH-222, CH-223 General Chemistry

EC-201 Principles of Economics: MICRO
EC-202 Principles of Economics: MACRO
EC 215 and 230 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
HST-101, HST-102, HST-103 History of Western Civilization
HST-201, HST-202, HST-203 History of the United States

MUS-206 Music Literature: History of Rock

PH 104 not in catalog
PH-121, PH 122, PH 123 General Astronomy
PH-201, PH-202, Ph-203 General Physics
PH-211, PH-212, PH-213 General Physics With Calculus

ENG-108 World Literature: Medieval through Enlightenment
ENG-109 World Literature: Romantic through Modern
ENG-201, ENG-202 Shakespeare
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-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-255 American Literature

ESR-171, ESR-172, ESR-173 Environmental Science

G-101, G-102, G-103 General Geology
G-201, G-202, G-203 General Geology

GEO-100 Introduction to Physical Geography
GEO-110 Cultural & Human Geography
GEO-121 Regional Geography of the Developing World
GEO-122 Regional Geography of the Developed World
GEO-130 Introduction to Environmental Geography
GEO-208 Geography of the U.S. & Canada
GEO 230 not in catalog

GS-104, GS-105, GS-106 Earth System Science
GS-107 Astronomy

PHL-101 Philosophical Problems
PHL-215 History of Western Philosophy

PS-200 Introduction to Political Science
PS-201 American Government & Politics
PS-203 U.S. 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

PSY-110 Psychology: An Overview
PSY-200 Psychology as a Natural Science
PSY-205 Psychology as a Social Science
PSY-219 Introduction to Abnormal Psychology
PSY-231 Introduction to Human Sexuality

R-101, R-102, R-103 Comparative Religions
R-204 History of Christianity
R-210 World Religions

SOC-204 Introduction to Sociology
SOC-205 Social Stratification and Social Systems
SOC-206 Institutions and Social Change
SOC-225 Social Problems

Z-201, Z-202, Z-203 General Zoology