

BIOLOGY

Biological Sciences

Associate of Arts Oregon Transfer

FOCUS AREA DESCRIPTION

The Associate of Arts Oregon Transfer (AAOT) degree with a focus in biology is designed for students who wish to pursue bachelor’s degree areas such as health professions, life sciences or natural sciences. Graduates with a Bachelor of Science degree from their transfer institution will be well-equipped for graduate school and other careers in biomedical fields, industry, governmental agencies and non-governmental organizations which require a broad-based education in science, mathematics and communication. Those graduates may enter such fields as conservation or environmental science, science writing, education, botany, forest or marine science, veterinary medicine, agricultural research, pharmaceuticals, human medicine or other life science careers such as research in microbiology, biotechnology, bio-informatics or genetics.

PROGRAM ENTRANCE REQUIREMENTS

None

PROGRAM PERFORMANCE STANDARDS

Academic Requirements:

- Students must have a 2.0 cumulative GPA to earn a COCC certificate or degree.
- All courses in the program must be completed with a grade of C or higher.

PROGRAM COURSE REQUIREMENTS

General Education/Foundational

Health

3 credits with HHP or HHPA prefix¹ 3

Mathematics

MTH 105 Math in Society (or higher) 4
 Recommend: MTH 111 or MTH 243

Oral Communication

Choose one course from the following: 3-4

SP 111	Fundamentals Public Speaking	
SP 114	Argumentation & Discourse	
SP 115	Intro Intercultural Commun	
SP 218	Interpersonal Communication	
SP 219	Small Group Communication	

Writing

WR 121	Academic Composition	4
WR 122 or WR 227	Argument, Research and Multimodal Composition Technical Writing	4

General Education/Discipline Studies

One course must be designated as Cultural Literacy.

Arts and Letters

9-12

At least three courses chosen from at least two prefixes

Social Science

12-16

At least four courses from at least two prefixes

Science/Math/Computer Science

12-20

At least four courses from at least two prefixes including at least three laboratory courses in biological and/or physical science
Recommend: BI 211, BI 212, BI 213 and CH 221**Electives**

39

Take enough elective courses to meet the minimum 90 credits required for the AAOT degree²

Recommend: CH 222, CH 223, FN 225, MTH 251, MTH 252, MTH 253, PH 201, PH 202, PH 203

Total Credits 90-106¹ HHPA activity courses (1 credit each) are not to be duplicated.² CH 221 General Chemistry I, CH 222 General Chemistry II, and CH 223 General Chemistry III are recommended for students interested in medical, dental and veterinary schools. BI 205 Scientific Terminology: Latin and Greek Roots, BI 231 Human Anatomy and Physiology I, BI 232 Human Anatomy and Physiology II, BI 233 Human Anatomy and Physiology III and BI 234 Microbiology are not prerequisites for admission into dental medicine, or veterinary programs, but may help a student preparing for any of those careers.**ADVISING NOTES**

Oregon universities with a biology major include: Eastern Oregon University, Oregon Health Sciences University, Oregon State University, Portland State University, Southern Oregon University, University of Oregon, Western Oregon University.