

MATHEMATICS

Mathematics

Associate of Arts Oregon Transfer

FOCUS AREA DESCRIPTION

The study of mathematics develops analytic and quantitative skills which are valuable in today’s data-driven economy. The Associate of Arts Oregon Transfer (AAOT) with a focus in mathematics includes courses that are commonly required for a math major and meets lower division general education requirements at all Oregon public universities. A bachelor’s degree with a major in math is great preparation for graduate school (such as schools of law, medicine, education, or business) as well as direct employment in industry, government, research and business.

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 prefix ¹ 3

Mathematics

MTH 105 Math in Society (or higher) 4

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 Argument, Research and Multimodal Composition 4

or WR 227 Technical Writing

General Education/Discipline Studies

One course must be designated as Cultural Literacy.

Arts and Letters 9-12

Choose at least three courses from at least two prefixes

Social Science 12-16

Choose at least four courses from at least two prefixes

Science/Math/Computer Science 12-20
Choose at least four courses from at least two prefixes including at least three laboratory courses in biological and/or physical science
Recommend: MTH 112, PH 211, PH 212, PH 213

Electives 39
Choose enough electives to reach the 90 minimum required credits.
Recommend: CIS 122, MTH 113, MTH 231, MTH 243, MTH 244, MTH 251, MTH 252, MTH 253, MTH 254, MTH 255, MTH 256²

Total Credits 90-106

¹ HHPA activity courses (1 credit each) are not to be duplicated

² Related courses to consider: CIS 120 Computer Concepts, MTH 105 Math in Society, MTH 245 Mathematics for Management, Life and Social Sciences.