

# CHEMISTRY - ASSOCIATE OF ARTS OREGON TRANSFER (AAOT)

## Description

The Associate of Arts Oregon Transfer with a chemistry emphasis is excellent preparation for baccalaureate degrees in chemistry and related disciplines, such as toxicology, atmospheric science, environmental science, and materials science.

## Statewide General Education Student Learning Outcomes

Please see the [General Education](#) page for statewide general education student learning outcomes.

## Entrance Requirements

While this program has no formal entrance requirements, individual courses may have prerequisites which must be met before enrollment.

## Course Requirements

Course	Title	Credits
<b>General Education/Foundational</b>		
<u>Health:</u>		
Choose 3 credits <sup>1</sup>		3
<u>Mathematics:</u>		
Choose one course		4
Recommend: MTH 251		
<u>Oral Communication:</u>		
Choose one course		3-4
<u>Writing:</u>		
WR 121	Academic Composition	4
WR 122	Argument, Research, and Multimodal Composition	4
or WR 227	Technical Writing	
<b>General Education/Discipline studies</b>		
<u>Cultural Literacy:</u>		
One course from the following categories must be designated as cultural literacy on the Discipline Studies list (credits count once).		
<u>Arts and Letters:</u>		
Choose at least three courses from at least two prefixes		9-12
<u>Social Science:</u>		
Choose at least four courses from at least two prefixes		12-16
<u>Science/Math/Computer Science:</u>		
Choose at least four courses from at least two prefixes including at least three laboratory courses in biological and/or physical science		
Recommend: CH 221, CH 222, CH 223, and PH 201 or PH 211		
<b>Electives</b>		
Choose enough electives to reach 90 credits		39
Recommend: MTH 252, MTH 253, MTH 254, PH 202 or PH 212, PH 203 or PH 213		
<b>Total Credits</b>		<b>90-106</b>

<sup>1</sup> HHPA activity courses (1 credit each) are not to be duplicated.

## Advising Notes

Oregon public universities with a chemistry major include: Eastern Oregon University, Oregon State University, Portland State University, Southern Oregon University, University of Oregon, Western Oregon University.

## Performance Standards

- Academic Requirements:
  - Students must have a 2.0 cumulative GPA to earn a COCC certificate or degree.
  - Options for additional standards:
    - All courses in the program must be completed with a grade of C or higher.

## Sample Plan

First Term	Credits
Health (3 credits with HHP or HHPA prefix) <sup>1</sup>	3
Discipline Studies Science/Math/Computer Science (recommend CH 221)	5
Mathematics (recommend MTH 251)	4
WR 121                      Academic Composition	4
<b>Credits</b>	<b>16</b>
Second Term	Credits
Discipline Studies Science/Math/Computer Science (recommend CH 222)	5
Discipline Studies Science/Math/Computer Science (recommend PH 211)	5
Elective (recommend MTH 252)	4
WR 122                      Argument, Research, and Multimodal	4
or WR 227                      Composition	
or WR 227                      or Technical Writing	
<b>Credits</b>	<b>18</b>
Third Term	Credits
Discipline Studies Science/Math/Computer Science (recommend CH 223)	5
Elective (recommend PH 212)	5
Elective (recommend MTH 253)	4
<u>Oral Communication:</u>	3-4
<b>Credits</b>	<b>17-18</b>
Fourth Term	Credits
Discipline Studies Arts & Letters	3-4
Discipline Studies Social Science	3-4
Elective (recommend PH 213)	5
Elective	3-5
<b>Credits</b>	<b>14-18</b>
Fifth Term	Credits
Discipline Studies Arts & Letters	3-4
Discipline Studies Social Science	3-4
Elective (recommend MTH 254)	4

Elective	3-5
<b>Credits</b>	<b>13-17</b>
<b>Sixth Term</b>	
Discipline Studies Arts & Letters	3-4
Discipline Studies Social Science	3-4
Discipline Studies Social Science	3-4
Elective	3-5
<b>Credits</b>	<b>12-17</b>
<b>Total Credits</b>	<b>90-104</b>