

# 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 degree 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 251Z		
<u>Oral Communication:</u>		
Choose one course		3-4
<u>Writing:</u>		
WR 121Z	Composition I	4
WR 122Z	Composition II	4
or WR 227Z	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 221Z & CH 227Z, CH 222Z & CH 228Z, CH 223Z & CH 229Z, and PH 201 or PH 211		
<b>Electives</b>		
Choose enough electives to reach 90 credits		39
Recommend: CH 241, CH 242, CH 243, MTH 252Z, MTH 253Z, 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

<b>First Term</b>		<b>Credits</b>
Health (3 credits with HHP or HHPA prefix) <sup>1</sup>		3
Discipline Studies Science/Math/Computer Science (recommend CH 221Z & CH 227Z)		5
Mathematics (recommend MTH 251Z)		4
WR 121Z	Composition I	4
<b>Credits</b>		<b>16</b>
<b>Second Term</b>		
Discipline Studies Science/Math/Computer Science (recommend CH 222Z & CH 227Z)		5
Discipline Studies Science/Math/Computer Science (recommend PH 211)		5
Elective (recommend MTH 252Z)		4
WR 122Z	Composition II	4
or WR 227Z	or Technical Writing	
<b>Credits</b>		<b>18</b>
<b>Third Term</b>		
Discipline Studies Science/Math/Computer Science (recommend CH 223Z & CH 229Z)		5
Elective (recommend PH 212)		5
Elective (recommend MTH 253Z)		4
<u>Oral Communication:</u>		3-4
<b>Credits</b>		<b>17-18</b>
<b>Fourth Term</b>		
Discipline Studies Arts & Letters		3-4
Discipline Studies Social Science		3-4
Elective (recommend PH 213)		5
Elective (recommend CH 241)		5
<b>Credits</b>		<b>16-18</b>
<b>Fifth Term</b>		
Discipline Studies Arts & Letters		3-4
Discipline Studies Social Science		3-4

Elective (recommend MTH 254)	4
Elective (recommend CH 242)	5
<b>Credits</b>	<b>15-17</b>
<b>Sixth Term</b>	
Discipline Studies Arts & Letters	3-4
Discipline Studies Social Science	3-4
Discipline Studies Social Science	3-4
Elective (recommend CH 243)	5
<b>Credits</b>	<b>14-17</b>
<b>Total Credits</b>	<b>96-104</b>