

PHYSICS - ASSOCIATE OF ARTS OREGON TRANSFER (AAOT)

Description

The Associate of Arts Oregon Transfer with a focus in physics includes most courses that are commonly required for a major and meets lower-division general education requirements at all Oregon public universities. Since there are minor variations between university physics programs, students may need to take additional courses after transferring.

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
General Education/Foundational		
<u>Health:</u>		
Choose 3 credits ¹		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	
Recommend: WR 227		
General Education/Discipline Studies		
<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 three courses from at least two prefixes		9-12
<u>Social Science:</u>		
Choose four courses from at least two prefixes		12-16
<u>Science/Math/Computer Science:</u>		
Choose four courses from at least two prefixes including at least three laboratory courses in biological and/or physical science		12-20
Recommend: MTH 252, PH 211, PH 212, PH 213		
Electives		
Choose any course numbered 100 or above that brings the total credits to 90 quarter hours. This may include up to 12 credits of Career and Technical Education courses designated by COCC as acceptable.		39

Recommend: CH 221, CH 222, CH 223, ENGR 100, ENGR 103, ENGR 201, ENGR 202, ENGR 211, ENGR 212, ENGR 213, MTH 253, MTH 254, MTH 255, MTH 256

Total Credits **90-106**

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

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 Year

Fall	Credits
Health (3 credits with HHP/HHPA prefix)	3
Elective (recommend CH 221)	5
MTH 251 Calculus I	4
WR 121 Academic Composition	4
Credits	16

Winter

Discipline Studies Math/Science/Computer Science (recommend MTH 252)	4
Discipline Studies Math/Science/Computer Science (recommend PH 211)	5
Discipline Studies Social Science	3-4
Elective (recommend CH 222)	5
Credits	17-18

Spring

Discipline Studies Math/Science/Computer Science (recommend PH 212)	5
Elective (recommend CH 223)	5
Elective (recommend MTH 253)	4
Credits	14

Second Year

Fall

Discipline Studies Math/Science/Computer Science (recommend PH 213)	5
Discipline Studies Social Science	3-4
Elective (recommend MTH 256)	4
Writing (recommend WR 227)	4
Credits	16-17

Winter

Discipline Studies Arts & Letters	3-4
Discipline Studies Social Science	4
Elective (recommend MTH 254)	4
Oral Communication	3-4
Credits	14-16

Spring

Discipline Studies Arts & Letters	3-4
Discipline Studies Arts & Letters	3-4
Discipline Studies Social Science	3-4
Elective (recommend MTH 255)	4
Credits	13-16
Total Credits	90-97