

Health Sciences (HSC.AAS)

Associate degree Requirements (HSC.ONL.AAS)

Health Sciences

The Associate in Health Sciences Applied Science Degree prepares students to apply to allied health programs at Oakland Community College as well as to pursue varying health science programs at four-year institutions. Students should work with an OCC counselor to review specific courses for entry into OCC's allied health programs and for possible transfer to continue their education with one of our many 4-year partner institutions.

This degree requires students to complete a minimum of 60 credit hours in a combination of health science focus areas, required supportive courses, and courses that meet the requirements for the General Education Distribution list.

Students in this program seeking Michigan Transfer Agreement (MTA) endorsement should work closely with an OCC counselor to identify courses from the MTA List for transfer purposes which apply to the endorsement and to degree requirements.

Full time - Health Sciences program plan example

Code	Title	Credit Hours
Health Sciences Focus Area		
Select a minimum of 15 credits in a combination of courses from any of the following listed below:		15
BIO 1511 ¹	Life Science	4
BIO 1530 ¹	Molecular and Cellular Biology	4
BIO 1560 ¹	Organismal Biology - Biodiversity, Ecology and Evolution	4
BIO 1570 ¹	Microbiology of Health and Disease	3
BIO 1600 ¹	Human Structure and Function	3
BIO 1650	Human Anatomy and Physiology for the Emergency Medical Services Program	5
BIO 2560	Principles of Genetics	3
BIO 2630	Human Anatomy and Physiology I	4
BIO 2640	Human Anatomy and Physiology II	4
BIO 2660	Pathophysiology	3
BIO 2710	Microbiology	4
CHE 1000 ¹	Introductory Chemistry	4
CHE 1320 ¹	Survey of Organic and Biochemistry	4
CHE 1510 ¹	General Chemistry I	4
CHE 1520 ¹	General Chemistry II	4

CHE 2610	Organic Chemistry I	4
CHE 2620	Organic Chemistry II	4
CHE 2650	Organic Chemistry Lab	3
HEA 1510	Nutrition	3
MDA 1103	Medical Terminology	3
MDA 1350	Medical Law and Ethics	3
PER 2540 ²	Medical First Responder/First Responder	4
PHY 1610 ¹	College Physics I	4
PHY 1620 ¹	College Physics II	4

Required Supportive Courses			15
ENG 1510 ¹	Composition I		3
or ENG 1510E	Composition I Enhanced	4	
or ENG 1510S	Composition I with Support	6	
ENG 1520 ¹	Composition II		3
or ENG 2200	Professional Communication	4	
or COM 1600	Fundamentals of Speech	3	
PSY 2510 ¹	Introduction to Psychology		3

Select a minimum of 3-6 credits in any combination of courses from the following list below and/or from courses NOT previously used in the Health Sciences Focus area:

CIS 1050	Personal Computer Productivity Tools	4
CIS 1060	Personal Computer Spreadsheet Concepts	3
CIS 1080	Personal Computer Database Concepts	3
COM 1290 ¹	Interpersonal Communication	3
COM 2290 ¹	Intercultural Communication	3
COM 2640 ¹	Leadership and Small Groups	3
PER 1300	Stress Management: Neuromuscular Relaxation	2
PER 1590	Physical Well-Being in a Modern Society	2
PHI 1510 ¹	Introduction to Philosophy	3
PHI 1610 ¹	Ethics	3
PSY 2740	Human Development Across the Lifespan	3
SOC 2510 ¹	Sociology	3

Total credit hours for Program-Related Courses **30**

General Education Requirements

Communication / English (3-credits)

Satisfied

Fine Arts / Humanities (3-credits) 3

Complete 3 credits from Fine Arts/Humanities courses listed in the General Education

Distribution List (<http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/#fine-arts-humanities>)

Mathematics / Science (3-credits) 3

Complete 3 credits from Mathematics/Science courses listed in the General Education

Distribution List (<http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/#mathematics-science>)

Social Science (3-credits)

Satisfied

Written Communication (3-credits)

Satisfied

Additional elective credits needed to meet requirements for an Associate in Applied Science degree 24

Total Credit Hours 60

A minimum cumulative 2.00 grade point average (GPA) overall is required for graduation.

1

Course may be used to meet General Education requirements.

2

Students who take PER 2540 receive American Red Cross certification in Basic Life Support (BLS) and Emergency Medical Response (EMR).