

Cleveland State University
College of Health
Associate of Applied Science in Fire Science Pathway to Bachelor of Science in Health Sciences

SUGGESTED SEQUENCE AT LCCC	
Preadmission Courses	Credits
FIRE 127: Firefighter Orientation	1
FIRE 131: Firefighting Level I	2
FIRE 132: Firefighting Level II	2
FIRE 218: Hazardous Materials Operations	1
FIRE 299: Individualized Studies in Fire Science	3
Semester Total	9
Fall Semester	Credits
ENGL 161: College Composition I	3
FIRE 111: Introduction to Fire Service	3
FIRE 125: Fire Behavior and Combustion	2
^MTHM 168: Statistics	3
PEWL 151: Stress Management	1
SDEV 101: Introduction to the LCCC Community	1
Semester Total	13
Spring Semester	Credits
^BIOG 221: Anatomy & Physiology I	4
CISS 121: Microcomputer Applications I	3
FIRE 112: Building Design and Construction	3
FIRE 134: Fire Protection Hydraulics and Water Supply	2
Semester Total	12
Fall Semester	Credits
^CMMC 151: Oral Communication	3
FIRE 136: Strategy and Tactics	3
FIRE 229: Fire Protections Systems	2
PLSC 155: State and Local Government	3
Humanities Elective	3
Semester Total	14
Spring Semester	Credits
FIRE 130: Emergency Services Safety and Survival	2
FIRE 224: Legal Concepts for Emergency Services	3
FIRE 227: Fire Prevention	3
FIRE 228: Fire and Emergency Service Admin. OR	2
^PSYH 151: Introduction to Psychology OR	3
^SOCY 151G: Introduction to Sociology	
Semester Total	13
Associate of Applied Science Degree Awarded	61

Honors courses are acceptable where available

Pre-requisites:

- College-ready in Math and English.

- 2 years of the same foreign language completed in high school.

Students who do not meet these pre-requisites may need to complete additional credits.

*Once an associate degree is earned, additional courses taken at LCCC may not be eligible for financial aid. Please see Financial Aid for details.

This map represents one example of how to complete the AAS and BS in Health Sciences degrees. Students should refer to the [LCCC Catalog](#) and [CSU Catalog](#) for requirements, course sequencing, and other degree information, as well as work closely with counselors/advisors at both institutions to discuss options. To further discuss the Bachelor of Science in Health Sciences requirement, please contact Cleveland State's College of Health Student Services office at COHadvicing@csuohio.edu.

CSU DEGREE REQUIREMENTS	
*Courses to be taken through CSU or LCCC	Credits
^HSC 203: Med. Terminology (ALHN 110 or 112 at LCCC)	1
^ENG 102: College Writing II (ENGL 162 at LCCC)	3
^PHL 240: Health Care Ethics (PHLY 165 at LCCC)	3
**Math	3
**Natural Science Elective	3
**Arts and Humanities (cannot be from PHL)	3
**Social Science (SS must be from different subject areas)	3
General Electives	10
Total	29

MUST BE TAKEN THROUGH CSU	
First Semester	Credits
^HSC 305: Culture and Health Care	3
^Area of Emphasis Elective	3
^Area of Emphasis Elective	3
^Area of Emphasis Elective	3
^Writing Across the Curriculum	3
Semester Total	15

Second Semester	Credits
^Health Sciences Capstone	3
^Writing Across the Curriculum (within major)	3
^Area of Emphasis Elective	3
Upper Division Elective	3
Upper Division Elective	3
HSC 499: Exit Evaluation	0
Semester Total	15
Bachelor of Science in Health Science Awarded	120

CSU will be changing General Education (Core Curriculum) requirements beginning Fall 2025. An updated pathway plan will be available as soon as possible.

** Students who do not complete the OT 36 should refer to the [transfer guide](#) for LCCC options to fulfill their General Education requirements. If 90 credits are transferred into CSU, the student will only need one Writing Across the Curriculum course.

^ A grade of C or higher is required in English Composition courses, Writing Across the Curriculum, and all Health Science major requirements. Up to 27 credits of FIRE courses with a C or higher will apply toward the major.

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CSU requires a minimum of 120 total credit hours for graduation. At least 30 credits must be completed in-residence at CSU. At least 24 of the in-residence credits must be completed at the upper division (300/400) level. A minimum of 18 credits toward the major must be completed through CSU coursework. Students deficient in total credits or in-residence must take additional elective credits to meet the minimum requirements. Depending upon other elective choices made, students may not need as many general electives as indicated above or may need additional electives.