

Cleveland State University

College of Health

Associate of Applied Science in Medical Assisting (Clinical Focus) Pathway to Bachelor of Science in Health Sciences

SUGGESTED SEQUENCE AT LCCC	
Fall Semester	Credits
^ALHN 110: Medical Terminology	3
^BIO 115: Body Structure and Function	3
MDAS 101: Fundamental Procedures in the Medical Office	3
MDAS 102: Insurance and Coding in the Medical Office	3
MDAS 103: Basic Administrative Medical Assisting Functions	1
MDAS 104: Bookkeeping Functions in the Medical Office	2
SDEV 101: Intro to the LCCC Community	1
Semester Total	16
Spring Semester	Credits
CISS 121: Microcomputer Applications I	3
^ENGL 161: College Composition I	3
MDAS 105: Diagnostic Testing in the Medical Office	2
MDAS 106: Specimen Collection in the Medical Office	2
MDAS 107: Patient Care in the Medical Office	5
MDAS 108: Medical Assisting Practicum	1
^PSYH 151: Intro to Psychology	3
Semester Total	19
Fall Semester	Credits
ALHN 118: Pharmacology for Allied Health and Nursing	3
^ALHN 121: General Pathology	2
BADM 155: Intro to Business Administration	3
^CLSC 111: Intro to Clinical Laboratory Science Tech	2
PHBT 112: Basic Lab Techniques	4
Semester Total	14
Spring Semester	Credits
BADM 251: Principles of Management	3
CMMC 151: Oral Communication OR CMMC 165: Interpersonal Communication	3
PEFT 151: Lifetime Fitness	1
PHBT 121: Phlebotomy Clinical Practicum	3
MTHM 158: Quantitative Reasoning	3
Semester Total	13
Associate of Applied Science Degree Awarded	62

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 BSHS 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
^ENG 102: College Writing II (ENGL 162 at LCCC)	3
^STA 147: Statistical Concepts... (MTHM 168 at LCCC)	3
**Social Science (cannot be from PSY)	3
^PHL 240: Health Care Ethics (PHLY 165 at LCCC)	3
**Arts and Humanities (cannot be from PHL)	3
**Natural Science Elective/ lab	4
General Electives	9
Total	28

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 MDAS/BADM/PHBT 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.