

Cleveland State University
College of Sciences and Health Professions
Associate of Applied Science in Pharmacy Technology Pathway to Bachelor of Science in Health Science

SUGGESTED SEQUENCE AT TRI-C	
Program Admission Requirements	Credits
ENG 1010 College Composition I	3
BIO 1100 Introduction to Biological Chemistry	3
Total	6
First Semester	Credits
BIO 1050 Human Biology	3
BIO 105L Human Biology Laboratory	1
PHM 1300 Introduction to Pharmacy Practice	3
PHM 1350 Pharmacy Practice I	3
PHM 1450 Pharmacology and Therapeutic Principles I	3
PHM 1751 Medication Calculations for Sterile Preparations	1
Semester Total	14
Second Semester	Credits
PHM 1360 Pharmacy Practice II	3
PHM 1460 Pharmacology and Therapeutic Principles II	3
PHM 1760 Calculations for Compounding and Dispensing	1
PHM 1860 Pharmacy Technology Practicum I	3
PHM 2080 Pharmacy Tech. Examination Review	1
MATH 1240 Contemporary Mathematics	3
Semester Total	14
Third Semester	Credits
MA 1020 Medical Terminology I	3
PHM 2701 Current Topics in Pharmacy Practice	4
PHM 2860 Pharmacy Technology Practicum II	3
BIO 2500 Microbiology OR CHEM 1080 Medicinal Plants Chemistry	3-4
IT 1090 Computer Applications	3
Semester Total	16-17
Fourth Semester	Credits
HLTH 1100 Personal Health Education	3
PHM 2870 Pharmacy Technology Practicum III	3
PHIL 2050 Bioethics	3
ENG 1020 College Composition II	3
Semester Total	12
Associate of Applied Science Degree Awarded	62-63

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.

Students who plan to complete an AAS at Tri-C, then transfer to CSU to complete the BSHS are encouraged to enroll in the Tri-C/CSU Dual Enrollment Admission program. This map represents one example of how to complete the AAS and BSHS degrees. Students should work closely with counselors/advisors at both institutions to discuss options.

CSU DEGREE REQUIREMENTS	
*Courses to be taken through CSU or Tri-C	Credits
STA 147 Statistical Concepts with Apps (MATH 1410 at Tri-C)	3
**Social Science	3
**Arts and Humanities (Cannot be from PHIL)	3
Upper Division Elective	3
Upper Division Elective	3
Upper Division Elective	3
Upper Division Elective	3
General Elective	3
General Elective	3
General Elective	1
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 Science Capstone	3
Writing Across the Curriculum-within major	3
Area of Emphasis Elective	3
Upper Division Elective	3
Upper Division Elective	3
Semester Total	15
Bachelor of Science in Health Science Awarded	120-121

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

** Refer to the transfer guide for Tri-C options:

<https://www.csuohio.edu/transfer-guides/tric-sciences-health-professions>

A grade of C or higher is required in English Composition courses and all Health Science major requirements.

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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. An overall total of 42 upper division (300/400) level credits are required. 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.