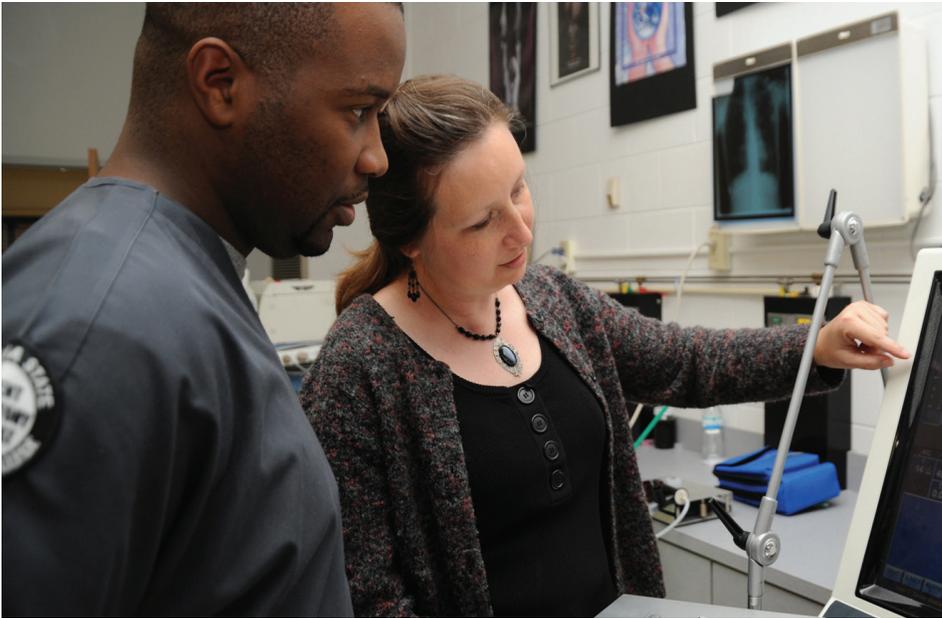


PRE-HEALTH PROFESSIONS

PRE-DENTISTRY, MEDICINE, OPTOMETRY, PHARMACY, VETERINARY MEDICINE

Associate of Science degree



Program and Career Description:

The Pre-Health Professions emphasis is a two-year program for students planning to enter professional schools of medicine, pharmacy, dentistry, veterinary medicine and optometry. Students pursuing careers in pharmacy may go directly from Columbia State Community College to pharmacy school if accepted. Pre-Medicine, Pre-Dentistry, Pre-Veterinary Medicine, and Pre-Optometry students will need additional course work at a university. Below are a few examples of career and salary estimates.

Career	Entry-Level Pay	Median Pay	Experienced Pay
Internist, General Practice	\$129,670	N/A	\$268,290
Dentist, General	\$99,170	\$170,180	\$231,670
Pharmacist	\$96,600	\$121,540	\$131,660
Veterinarian	\$56,720	\$77,760	\$102,020
Optometrist	\$66,640	\$102,200	\$142,550

Career and salary information taken from JOBS4TN.GOV. Check out this website for additional information about job descriptions, education requirements and abilities, and supply and demand for these careers. For additional information from a national perspective, go to Bureau of Labor Statistics, U. S. Department of Labor on the internet at www.bls.gov. Visit the [Occupational Outlook Handbook](#) on this website. Salaries are not guaranteed.

Transfer Options

This program is a Tennessee Transfer Pathway (TTP) major. A student who completes the associates degree in this major is guaranteed that all required community college courses will be accepted in this major at the transfer institution. To see which four-year institutions offer this TTP major and guarantees a seamless transfer, visit the Tennessee Transfer Pathway website at www.tntransferpathway.org.

Articulation agreements exist between other private and non-TN public institutions. These agreements are available at www.columbiastate.edu/admissions/transfer-information.



PRE-HEALTH PROFESSIONS

Major in Tennessee Transfer Pathway with Emphasis in Pre-Health Professions (A.S.)

Program Requirements

Students may be required to take additional Learning Support courses.

Communications Requirement
COMM 2025 or COMM 2055
ENGL 1010, 1020

History Requirement (Take 2 courses)
HIST 2010, 2020, 2030, 2310, 2320

Humanities/Fine Arts (Take 3 courses -- one must be a literature course)
ART 1035, 2000, 2020
ENGL 2160, 2860
HUM 1010, 1020
MUS 1030
PHIL 1030, 1430, 2200
THEA 1030
Literature Options: ENGL 2055, 2130, 2235, 2310, 2320

Natural Sciences Requirement
CHEM 1110, 1120

Mathematics Requirement (Take one course)
MATH 1830, 1910*

Social/Behavioral Sciences (Take two courses)
ANTH 1230, 1430
ECON 2100, 2200
GEOG 2010
MCOM 1110
PHED 2120
POLS 1010, 1030, 2025, 2035
PSYC 1030, 2130
SOC 1010, 1040, 2010

Major Required Courses
COLS 101

Electives**

(Choose two of the following four sequences)***

BIOL 1110, 1120
CHEM 2010, 2020
PHYS 2010, 2020
PHYS 2110, 2120

* MATH 1910 is highly recommended

** Note: An elective can be any college-level course.

*** BIOL and CHEM sequence courses are highly recommended over PHYS sequence courses

If you have completed TN eCampus courses, run a degree audit from the student tab in myChargerNet to determine how these courses apply to this program.

Requirements for Graduation include:

- earning 25% of total program credits in residence at Columbia State.
- earn a cumulative GPA of 2.0 or higher.
- taking the Exit Exam.

Sample Academic Plan

First Year – Fall Semester

___ BIOL 1110	General Biology I	4
___ CHEM 1110*	General Chemistry I	4
___ History Requirement		3
___ ENGL 1010	English Composition I	3
___ COLS 101	Columbia State College Success	1
		15

First Year – Spring Semester

___ BIOL 1120	General Biology II	4
___ CHEM 1120	General Chemistry II	4
___ MATH Requirement		3-4
___ ENGL 1020	English Composition II	3
		14-15

Second Year – Fall Semester

___ CHEM 2010*	Organic Chemistry I <u>or</u>	
___ PHYS 2010	Non-Calculus Physics I***	4
___ Literature Requirement		3
___ Elective**		2
___ Social/Behavioral Science		3
___ Humanities/Fine Arts		3
		15

Second Year – Spring Semester

___ CHEM 2020	Organic Chemistry II <u>or</u>	
___ PHYS 2020	Non-Calculus Physics II***	4
___ COMM 2025	Fundamentals of Communication <u>or</u>	
___ COMM 2055	Argumentation and Debate	3
___ History Requirement		3
___ Social/Behavioral Science		3
___ Humanities/Fine Arts		3
		16

TOTAL CREDIT HOURS 60-61

*Critical Course - Higher achievement in identified courses is predictive of graduation success.

Additional hours of coursework may be required prior to acceptance in to a professional school. Please check with the institution you wish to transfer to for any prerequisites.

For more information contact:

Mandy Carter-Lowe at

mcarterlowe@columbiastate.edu or 931.540.2675

or

**Science, Technology & Math Division Office
at 931.540.2710**