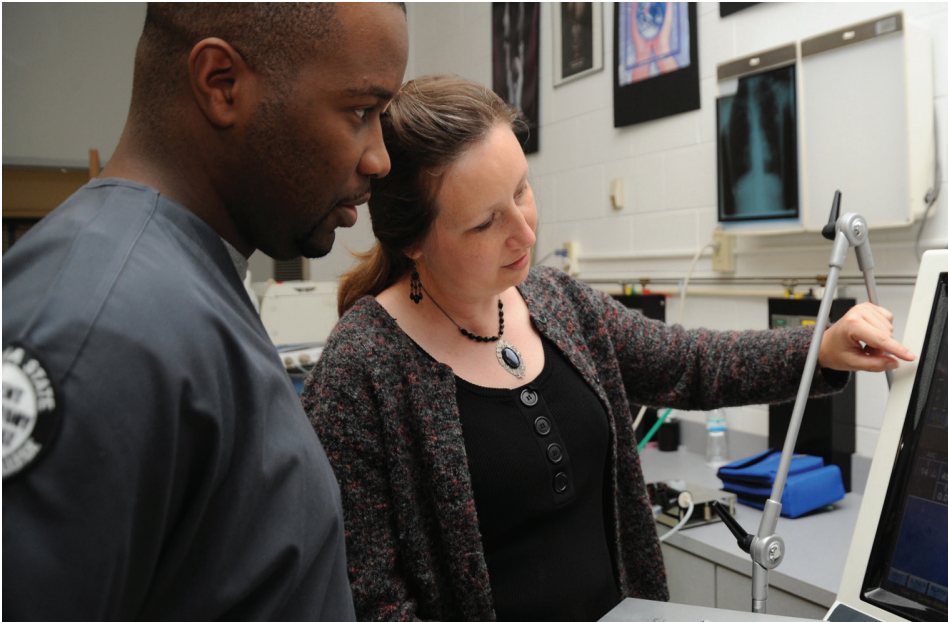


PRE-HEALTH PROFESSIONS

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	Salaries upon completion of Profession School	Experienced Salary Median
Medical, General Practice	\$82,270	\$172,770
Dentists, General	\$105,420	\$170,690
Pharmacists	\$91,860	\$120,620
Veterinarians	\$54,810	\$74,580
Optometrist	\$66,560	\$107,110

Career and salary information taken from www.bls.gov. Check out this web site for additional information about education requirements and preferred work styles and abilities for these careers. 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

ENGL 1010, 1020
SPCH 1010 or SPCH 1030

History Requirement (Take 2 courses)

HIST 1110, 1120, 2010, 2020, 2030

Humanities/Fine Arts (Take 3 courses -- one must be a literature course)

ART 1030
ARTH 2010, 2020
ENGL 2015, 2440
HUM 1130, 1131
MUS 1030
PHIL 1030, 2030, 2033
THEA 1030
Literature Options: ENGL 2130, 2230, 2310, 2320, 2920

Natural Sciences Requirement

CHEM 1110, 1120

Mathematics Requirement (Take one course)

MATH 1830, 1910*

Social/Behavioral Sciences (Take two courses)

ANTH 1200, 1300
COMM 1010
ECON 2010, 2020
GEOG 2010
PHED 2120
POL 201
POLS 1030, 1501, 2010
PSYC 1030, 2130
SOC 1010, 1020, 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.
- cumulative GPA must be 2.0.
- taking the Exit Exam.

Sample Academic Plan

First Year – Fall Semester

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

15-16

First Year – Spring Semester

___ BIOL 1120	General Biology II	4
___ CHEM 1120	General Chemistry II	4
___ History Requirement		3
___ ENGL 1020	Composition II	3

14

Second Year – Fall Semester

___ CHEM 2010*	Organic Chemistry I <u>or</u>	
___ PHYS 2010	Elements of 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	Elements of Physics II***	4
___ SPCH 1010	Fundamentals of Speech Communication <u>or</u>	
___ SPCH 1030	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

Columbia State Community College, a Tennessee Board of Regents institution, is an equal opportunity, affirmative action educational institution.
CoSCC- PRE-HEALTH-05-18-17