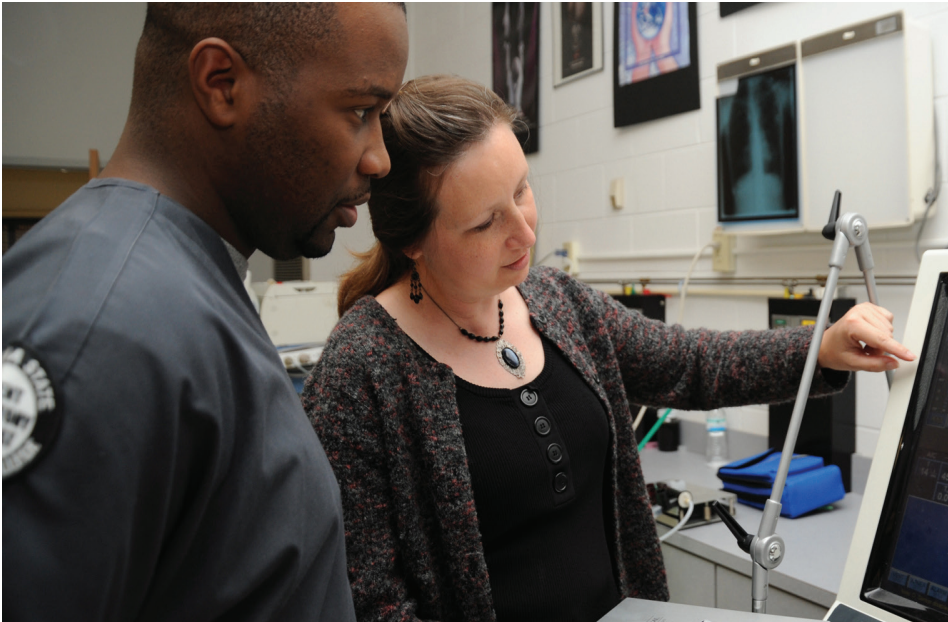


# PRE-HEALTH PROFESSIONS

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](http://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

Per the *Complete College Tennessee Act of 2010*, this degree will be transferable to any of the following universities offering a Baccalaureate degree in this major:

- Austin Peay State University
- East Tennessee State University
- Middle Tennessee State University
- Tennessee State University
- Tennessee Tech University
- University of Memphis
- University of Tennessee, Chattanooga
- University of Tennessee, Knoxville
- University of Tennessee, Martin

Articulation agreements exist between other private and non-TN public institutions. These agreements are available at [www.columbiastate.edu/admissions/transfer-information](http://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  
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  
ECON 2010, 2020  
GEOG 2010  
PHED 2120  
POL 201  
POLS 1030, 1501, 2010  
PSYC 1030, 2130  
SOC 1010, 1020, 2010

### Major Required Courses

#### Electives\*\*

(Choose two of the following three sequences)\*\*\*

BIOL 1110, 1120  
CHEM 2010, 2020  
PHYS 2010, 2020 or higher

\* 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.

## 2016-2017 Catalog

## 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

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### 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

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### 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-03-18-16