

East Central College

1964 Prairie Dell Road
Union, Missouri 63084
(636) 584-6500
www.eastcentral.edu

Admissions Office

ECC Campus
(636) 584-6563
admissions@eastcentral.edu

Division

Science and Engineering
(636) 584-6632

Fatemeh.Nichols, Ph.D.
Division Chair, Professor
(636) 584-6626
Fatemeh.Nichols@eastcentral.edu

East Central College is accredited by
the Higher Learning Commission and
a participant in the Academic Quality
Improvement Program (AQIP).

30 N. LaSalle St., Suite 2400
Chicago, Illinois 60602-2504
1 (800) 621-7440

THE CAREER

The health science field offers a variety of career opportunities including allied health, medical technology and health science administration. ECC students who complete their associate degree in health science are prepared to enter an undergraduate major leading to further training in these areas.

PROFESSIONAL TRAITS

Those pursuing a career in this field should:

- Care about the public's health and well-being
- Have good interpersonal and communication skills
- Be very detail-oriented
- Have solid problem-solving and analytical skills

EMPLOYMENT INFORMATION

Career options for this degree include:

- ✓ Medical technician
- ✓ Healthcare or hospital management
- ✓ Medical research
- ✓ Rehabilitation such as physical therapy or occupational therapy
- ✓ Health/wellness education
- ✓ Fitness and nutrition
- ✓ Community and public health
- ✓ Health communication and policy
- ✓ Clinical research and trials
- ✓ Transfer nursing

THE PROGRAM

This curriculum is intended for those planning to transfer to baccalaureate institutions. Students at East Central College who express an interest in health science or a related field have several course options and electives available. Assuming appropriate placement scores, health science is a two-year degree, with flexibility to customize the program of study toward the student's chosen career.

GENERAL EDUCATION REQUIREMENTS

East Central College requires each transfer student complete a 42 hour general education block. General education at ECC is organized around the institution's common learning objectives and coursework. A student is required to demonstrate skills in each of the following three areas:

- **Communicating:** Improve written and oral communication skills; adapt and apply communication to academic and professional purposes, audiences and contexts; demonstrate the use of technology to analyze and communicate information; and use active listening and reading skills.
- **Creative/Critical Thinking:** Improve the application of relevant knowledge and theory to new ideas, positions or solutions; assess and analyze concepts and data; formulate meaningful questions; and interpret and evaluate evidence and arguments.
- **Ethics and Social Responsibility:** Develop cross cultural awareness and an understanding of global interconnectedness; apply multiple worldviews, analyze ethical choices and consequences; and understand the core values and accountability of citizenship in a democratic society.

ADMISSIONS REQUIREMENTS

Students must have completed:

- ✓ High school diploma or the equivalent (documentation must be sent to the registration office)
- ✓ Application for admission
- ✓ A placement test as specified by the college (some coursework requires minimum placement results)

TRANSFER OPTIONS

Many of the credits, particularly the general education electives earned with this degree, are accepted as transfer credits by four-year colleges and/or universities. Please note that transferring credit is decided by the bachelor degree-granting institution.

Students seeking to transfer should communicate often with their faculty advisors and the East Central College transfer advisor. They should also make early contact with the four-year institution of their choice regarding the transferability of ECC credits and coursework.

HEALTH SCIENCE

ASSOCIATE OF ARTS

PROGRAM OF STUDY

AA program (65 credit hours)

This program of study is for a full-time student; part-time study is also available. Please contact an academic advisor for full course options. All academic schedules are subject to change. For the most current schedule visit www.eastcentral.edu.

YEAR 1

FALL SEMESTER

COURSE	HOURS
FS 1000 Campus Orientation/ FS 1001 Foundation Seminar	1
EN 1223 English Comp I or EN 1233 Honors English Comp I	3
SC 1000 Laboratory Safety for Students	0
CH 1105 Introduction to Chemistry Lecture/Lab	5
MT 1403 College Algebra	3
HS 1113 Medical Terminology or Program Elective*	3
Total Hours	15

SPRING SEMESTER

COURSE	HOURS
EN 1333 English Comp II or EN 1343 Honors English Comp II	3
PY 1103 General Psychology	3
BI 1305 General Biology Lecture/Lab	5
HI 1003 Nutrition or Program Elective*	3
Total Hours	14

SUMMER SEMESTER

COM 1003 Oral Communications or COM 1103 Public Speaking	3
Ethics and Social Responsibility Elective	3
Total Hours	6

YEAR 2

FALL SEMESTER

COURSE	HOURS
BI 2104 Human Anatomy & Physiology I Lecture/Lab	4
PY 2403 Human Development or Program Elective*	3
PR 2103 Ethics	3
SO 1103 General Sociology	3
Communication Elective	3
Total Hours	16

SPRING SEMESTER

COURSE	HOURS
BI 2115 Human Anatomy and Physiology II Lecture/ Lab	5
MT 2103 Statistics or Program Elective*	3
HI 1000/ PS 1000 Constitutions Study Module	0
History or Political Science Requirement	3
Ethics and Social Responsibility Elective	3
Total Hours	14

*RECOMMENDED PROGRAM ELECTIVES

HS 1003 Nutrition	3
HI 1113 Medical Terminology	3
PY 2403 Human Development	3
SO 2203 Marriage and Family	3
BI 1314 Microbiology for Allied Health	4
MT 2103 Statistics	3
PH 1103 Introduction to Physics Lecture/Lab PH 1112 (or higher)	5

Any other program elective options should be discussed with the student's academic advisor.