

# James Madison University Advising Guide

BRCC Associate of Arts and Sciences Degree, College/University Transfer and JMU Advising Guide for a major in Health Sciences.

## First Year

### First Semester

Course #	Course Description	Credits
ENG 111	College Composition I	3
HIS ____	History Elective (101, 102, 111, 112, 121 or 122)	3
ITE ____	120, 152 or CSC 110	3
MTH 154	Quantitative Reasoning	3
CHM 111 or 101	College Chemistry I or General Chemistry I (see notes)	4
SDV ____	Student Development (100 or 101)	1

### Second Semester

Course #	Course Description	Credits
ENG 112	College Composition II	3
HIS ____	History Elective	3
MTH 155 or 245	Statistical Reasoning or Statistics I	3
CST 100 or 110	Public Speaking or Intro to Speech Communication	3
CHM 112 or approved elective	College Chemistry II or approved elective (see notes)	3-4

## Second Year

### Third Semester

Course #	Course Description	Credits
____	Literature Elective	3
HLT 110 or 116	Concepts of Personal and Community Health or Introduction to Personal Wellness Concepts	3
HLT 143	Medical Terminology I (see notes)	3
____	Approved Elective (see notes)	3
____	Social Science Elective (see notes)	3

### Fourth Semester

Course #	Course Description	Credits
HLT 144	Medical Terminology II (see notes)	3
____	Literature/Humanities/Fine Arts Elective	3
____	Social Science Elective (see notes)	3
HLT 230	Principles of Nutrition and Human Development (see notes)	3
____	Approved Elective (see notes)	2

Total Credits Required for Associate in Arts and Sciences Degree/JMU Health Sciences requirements - 61

3/2022

## Academic Advising Notes for Health Sciences

- Chemistry is required as part of the Health Sciences core. Depending on the student's goals, either CHM 101 or CHM 111-112 may be chosen. If CHM 101 is taken, an additional 4 credits of approved electives should take the place of CHM 112.
- For students who intend to pursue a post-graduate education in a professional health field, JMU offers advising for the following minors: Pre-dentistry, Pre-medicine, Pre-occupational Therapy, Pre-optometry, Pre-pharmacy, Pre-physical Therapy, Pre-physician Assistant and Pre-veterinary Medicine. More information can be found on the [Pre-Professional Health Advising web site](#). See below for social science/humanities electives based on pre-professional health program.
- Students interested in a pre-professional health program may need additional math; consult with the JMU transfer advisor.
- Some pre-professional health programs recommend specific social science courses; consult with the JMU transfer advisor.
- BIO 141 and 142 must be taken at the same college in order to guarantee credit for BIO 270 (Human Physiology) and BIO 290 (Human Anatomy) at JMU.
- **For those interested in JMU's Occupational Therapy program, please note:** students who complete anatomy & physiology I and II at the community college will receive credit for BIO 270 (Human Physiology) and 290 (Human Anatomy), however it is **highly recommended** that human anatomy be completed at JMU. BIO 414 and 514, Functional Anatomy for OTs, are required in the first year of the MOT program, and require a solid background in human anatomy. Students who have completed a separate human anatomy course (as opposed to a combination of anatomy and physiology) tend to be more successful in the graduate level anatomy courses, therefore students who transfer these courses in may be advised to retake BIO 290 at JMU.
- In order to earn credit for HTH 210, JMU's medical terminology course, both HLT 143 and 144 must be taken. Students will earn credit for HTH 210 and an additional 3 credits of HTH elective.
- HLT 230 counts as an elective in the major, but is not required. Students may choose to take a difference elective.

Pre-Professional Health Program	Recommended social science/humanities courses	Chemistry requirements
Pre-dentistry	PSY 200 or 230	CHM 111-112
Pre-medicine	PHI 115, PSY 200 or 230, SOC 268	CHM 111-112
Pre-occupational Therapy	PSY 230, SOC 268	CHM 101 or 111
Pre-optometry	PSY 200	CHM 111-112
Pre-pharmacy	CST 100 or 110, ECO 201 or 202, SOC 268, PSY 200 or 230	CHM 111-112
Pre-physical Therapy	PSY 200 or 230, SOC 268	CHM 111-112
Pre-physician Assistant	PSY 200 or 230	CHM 111-112
Pre-veterinary Medicine	SOC 268, PSY 200 or 230	CHM 111-112