

# James Madison University Advising Guide

BRC Associate of Science/Social Science Degree 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 <sup>5</sup>	3
MTH 154 or 161	Quantitative Reasoning or Precalculus I <sup>3</sup>	3
CHM 101 or 111	General Chemistry I or College Chemistry I <sup>1</sup>	4
SDV ____	Student Development	1

### Second Semester

Course #	Course Description	Credits
ENG 112	College Composition II	3
_____	Humanities/Art/Literature Elective <sup>2,5</sup>	3
MTH 155 or 245	Statistical Reasoning or Statistics I <sup>3</sup>	3
_____	Social and Behavioral Science Elective <sup>2,5</sup>	3
CHM 112 or General Education Elective	College Chemistry II or General Education Elective <sup>1</sup>	3-4

## Second Year

### Third Semester

Course #	Course Description	Credits
_____	Humanities/Art/Literature Elective <sup>2,5</sup>	3
HLT 230	Principles of Nutrition	3
HLT 143	Medical Terminology	3
_____	Social Science Elective <sup>2,3,4,5</sup>	3
_____	Social Science Elective <sup>2,3,4,5</sup>	4

### Fourth Semester

Course #	Course Description	Credits
_____	Social Science Core Elective <sup>2,3,5</sup>	3
HLT 110 or 116	Concepts of Personal & Community Health or Intro to Personal Wellness Concepts	3
_____	Social Science Elective <sup>2,3,4,5</sup>	3
_____	Social Science Elective <sup>2,3,4,5</sup>	3
_____	Social Science Elective <sup>2,3,4,5</sup>	4

Total Credits Required for Associate of Science/Social Science Degree/JMU Health Sciences requirements – 61-62

## Advising Notes for Health Sciences

1. 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 General Education elective should take the place of CHM 112.
2. For students who intend to pursue a post-graduate education in a professional health field, JMU offers advising for the following minors: Pre-Athletic Training, 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 website](#). See below for social science/humanities electives based on pre-professional health program.
3. Statistics is required for the Health Sciences major. Students interested in a pre-professional health program may need additional math; see chart below and/or consult with the JMU transfer advisor.
4. Health Sciences requires two of the following courses: Human Anatomy, Human Physiology, and Microbiology. If you choose to take anatomy and physiology prior to transferring, you must take *both* BIO 141 and 142 from the same college in order to earn credit for BIO 270 and BIO 290 at JMU. Students interested in JMU's Athletic Training or Occupational Therapy graduate programs should wait and take Human Anatomy (BIO 290) at JMU. Students who have taken a separate anatomy course (not a combination of anatomy and physiology) tend to be more successful in the graduate level courses in these programs.
5. View options for [history electives](#), [humanities/art/literature electives](#) (you must choose two courses from two different groups), [general education electives](#), [social and behavioral science electives](#), [social science core electives](#), and [social science electives](#).

Pre-Professional Health Program	Recommended social science/humanities courses	Chemistry requirements	Additional math requirement?
Pre-athletic Training	ENG (literature), PSY 200	CHM 111	None
Pre-dentistry	ENG (literature), PSY 200 or 230 or SOC 200 or 268	CHM 111-112	MTH 261 or 263 recommended
Pre-medicine	PHI 220, ENG (literature), PSY 200 or 230, SOC 200 or 268	CHM 111-112	MTH 261 or 263
Pre-occupational Therapy	PSY 200, PSY 230, SOC 200 or 268	CHM 101 or 111	None
Pre-optometry	ENG (literature), PSY 200	CHM 111-112	MTH 261 or 263
Pre-pharmacy	CST 100 or 110, ENG (literature) ECO 201 or 202, SOC 200 or 268, PSY 200 or 230	CHM 111-112	MTH 261 or 263
Pre-physical Therapy	ENG (literature), PSY 200, 230 or 215 (two required)	CHM 111-112	MTH 261 or 263
Pre-physician Assistant	PSY 200, 230 or 215 (two required)	CHM 111-112	None
Pre-veterinary Medicine	CST 100 or 110, ENG (literature), PSY 200	CHM 111-112	MTH 261 or 263