

Master of Arts in Biology, Biomedical Sciences Major  
Advising Worksheet<sup>§</sup>

**Application Requirements:**

- Overall undergraduate GPA of 3.0 or higher with a science GPA of 2.8 or higher.
- MCAT score above 485 or GRE score above 300 on the verbal and quantitative reasoning sections, combined.

**Degree Curriculum:**

Fall Semester Courses (14 credit hours):

BIO 502 Human Anat & Phys	__ (3h)
BIO 503 Human Anat & Phys lab	__ (1h)
BIO 570 Graduate Biol. Chemistry	__ (3h)
BIO 513 Professional course/MCAT	__ (1h)
BIO 5__ Graduate Biology course	__ (3h)
BIO 5__ Graduate Biology course	__ (3h)

Spring Semester Courses (16 credit hours):

BIO 528 Human Anat & Phys II	__ (3h)
BIO 529 Human Anat & Phys II lab	__ (1h)
BIO 523 Pathophysiology or Grad Elective	__ (3h)
BIO 517 Advanced Immunology	__ (3h)
BIO 5__ Graduate Biology course	__ (3h)
BIO 5__ Graduate Biology course	__ (3h)

Comprehensive Exam, attempt #1	__ (75% minimum score)
Comprehensive Exam, attempt #2	__ (75% minimum score)

Optional Electives (at least 4 courses needed):

- BIO 501 Advanced Genetics and Genomics (3h)
- BIO 507 Graduate Human Genetics (3h)
- BIO 512 Graduate Neuroscience (3h)
- BIO 532 Graduate Histology (4h)
- BIO 556 Advanced Parasitology (3h)
- BIO 560 Advanced Molecular Biology (3h)
- BIO 562 Graduate Microbial Pathogenesis (3h)
- BIO 565 Graduate Virology (3h)
- BIO 572 Advanced Cell Biology (3h)

- 30 credit hours are required to graduate from West Liberty with a M.A. in Biology, Biomedical Sciences.
- The M.A. in Biology, Biomedical Sciences must be completed in one year from date of matriculation.
- M.A. in Biology, Biomedical Sciences students may take the comprehensive examination a total of two times to achieve a minimum score of 75%; students must pass the comprehensive examination to earn the M.A. in Biology.
- The M.A. in Biology requires a cumulative 3.0 GPA; no more than 6 credit hours of “C” grades may be applied to the total hours for graduation.
- Students not meeting the Guaranteed Admission Requirements to WVSOM (see below) may apply through the regular admission process; the application will be reviewed after the first semester and the applicant

may be invited to interview by the WVSOM Admission Office for matriculation to WVSOM after completion of the M.A. Biology, Biomedical Sciences. Students who graduate from the program and apply the following year to WVSOM will have their file reviewed by WVSOM for the next year's admission cycle.

- **§These worksheets are a guide.** Each student is responsible for their curriculum and meeting the requirements for graduation as stipulated in the college catalog.
- Courses may not be offered every semester and/or year; please consult with Biology advisor for sequencing.

**Guaranteed Admission Requirements:**

- Overall undergraduate GPA of 3.2 with a 3.0 Science GPA.
- At least one letter of recommendation from an osteopathic physician and one from a pre-med advisor.
- Complete an acceptable interview with the WVSOM Admissions Office prior to matriculation at WLU (M.A. in Biology, Biomedical Sciences).
- Completion of the WLU M.A. in Biology, Biomedical Sciences within one year from date of matriculation.
- Graduate from the WLU M.A. in Biology, Biomedical Sciences with a GPA of 3.4 or higher.
- Have a current MCAT score of 495 or higher.
- Have no more than one C in their WLU M.A. in Biology, Biomedical Sciences coursework.

**M.A. in Biology, Biomedical Sciences Timeline:**

- Applications due prior to June 1 of matriculation year.
- WVSOM pre-matriculation interviews will be scheduled for qualified candidates.
- Matriculation to WLU M.A. in Biology, Biomedical Sciences (August).
- 1<sup>st</sup> semester (14 credit hours) – August to December
- 2<sup>nd</sup> semester (16 credit hours) – January to May
- MCAT exam (March/April)
- Graduation – May
- Deposit due within 2 weeks of WLU graduation and acceptance to WVSOM.