

Biology/Medical Imaging Science Track
(for preparation to attend a Medical Imaging program)

Recommended Graduation Plan (Fall 2026)

The recommended graduation plan is designed to provide a blueprint for students to complete their degrees on time. Students must meet with their Academic Advisor to develop a more individualized plan to complete their degree.

NOTE: This recommended Graduation Plan is applicable to students admitted into the major during the 2026-2027 academic year.

| First Year | | | | | |
|--|-----|---|--|---------------------|---|
| Fall Semester | HRS | ✓ | Spring Semester | HRS | ✓ |
| * BIOL 111 & BIOL 111L- Fundamentals of Biology I Lecture & Lab | 4+1 | | BIOL 113 & BIOL 113L* - Fundamentals of Biology II Lecture & Lab | 4+1 | |
| *Gen Ed: Scientific Reasoning - CHEM 116 & CHEM 116L - General Chemistry I Lecture & Lab | 4+1 | | CHEM 117 & CHEM 117L*- General Chemistry II Lecture & Lab | 4+1 | |
| *Gen Ed: CRWT 102 - Critical Reading & Writing II | 4 | | Gen Ed: Quantitative Reasoning - MATH 110 Precalculus [^] , MATH 121 Calculus I [^] , or CMPS 147 Computer Science I | 4 | |
| Gen Ed: INTD 101 - First Year Seminar | 4 | | *PSYC 101 Intro to Psychology | 4 | |
| | | | Career Pathways: PATH 001 – Career Pathways Module 1 | Degree Rqmt. | |
| Total: | 18 | | Total: | 18 | |

| Second Year | | | | | |
|--|---------------------|---|--|---------------------|---|
| Fall Semester | HRS | ✓ | Spring Semester | HRS | ✓ |
| BIOL 221 - General Ecology | 4 | | BIOL 332 & BIOL 332L* - Genetics Lecture & Lab WI | 4+1.5 | |
| CHEM 211 & CHEM 211L* Organic Chemistry I Lecture & Lab OR CHEM 206 & CHEM 206L* - Essentials of Organic Chemistry Lecture & Lab | 4+1 | | CHEM 213 & CHEM 213L Organic Chemistry II Lecture & Lab OR Free Elective (minor, certificate, or second major requirement) | 4-5 | |
| *BIOL354 - Research Design & Statistics or PSYC 242 - Statistics | 4 | | General Education Requirement | 4 | |
| General Education Requirement | 4 | | General Education Requirement | 4 | |
| Career Pathways: PATH 002 – Career Pathways Module 2 | Degree Rqmt. | | Career Pathways: PATH 003 – Career Pathways Module 3 | Degree Rqmt. | |
| Total: | 17 | | Total: | 17.5-18.5 | |

| Third Year | | | | | |
|---|--------|---|---|---------|---|
| Fall Semester | HRS | ✓ | Spring Semester | HRS | ✓ |
| #Bio Elective 1: *BIOL 214 & BIOL 214L - Anatomy and Physiology I lecture and lab | 4+ 1.5 | | #Bio Elective 1: *BIOL 216 & BIOL 216L - Anatomy and Physiology I lecture and lab | 4+ 1.5 | |
| *PHYS 111-Fundamentals of Physics I & PHYS 118L-Introductory Physics I Lab | 4+1 | | PHYS 113 - Fundamentals of Physics II & PHYS 119L - Introductory Physics II Lab | 4+1 | |
| General Education Requirement | 4 | | #Bio Elective 2 (300-400 level) | 4-5.5 | |
| Total: | 14.5 | | Total: | 14.5-16 | |

| Fourth Year | | | | | |
|---------------|-----|---|-----------------|-----|---|
| Fall Semester | HRS | ✓ | Spring Semester | HRS | ✓ |

| | | | |
|---|---------|---|---------|
| BIOL 407 & BIOL 407L** - Cell and Molecular Biology Lecture & Lab WI | 4+1.5 | BIOL 356* - Evolution WI | 4 |
| #Bio Elective 3 (300-400 level) | 4-5.5 | #Bio Elective 4 (300-400 level) | 4-5.5 |
| General Education Requirement | 4 | General Education Requirement | 4 |
| | | Free Elective (minor, certificate, or second major requirement) | 4 |
| Total: | 13.5-15 | Total: | 16-17.5 |

Total Credits Required: 128 credits

GPA Required: 2.0

GPA Recommended: 3.0

General Education courses can be done in any order with the exception of INTD 101, CRWT and MATH. Those three general education courses will need to be done first. First Year Seminar is taken in the first semester. Failure to complete CRWT and MATH will result in a hold when the student hits 64 credits. The following general education courses can be done in any order. For more info on these courses, please visit the [General Education program requirements website in the College Catalog](#):

- Social Science Inquiry (SOSC 110) [+W]
- Scientific Reasoning
- Historical Perspectives [+W]
- Studies in the Arts & Humanities (CRWT 102 is a prerequisite to this course) [+W]
- Global Awareness [+W]
- Distribution Category (Social Systems & Society **OR** Culture & Creativity **OR** Values and Ethics)
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+W: Students transferring in with 48 or more credits are waived from these general education requirements.

* This course is required by medical imaging programs. Must earn a minimum grade of B recommended.

^ This course requires a CLM test for placement purposes.

Biology electives with Lab or Field experiences are up to 5.5 credits. One of the four required Biology electives must include Lab or Field experience. Only one can be 200-level. BIOL 214/214L and BIOL 216/216L count as one elective.

WI: Writing Intensive-3 required in the major

This plan is designed to allow students to take all the required courses required for medical imaging programs. The sequence of the non-science /gen ed courses is flexible and can be switched to accommodate individual preferences. Students are encouraged to seek out research , TA, and clinical opportunities during the course of their undergraduate careers.