## ACCELERATED B.S./M.S. IN BIOTECHNOLOGY — DEGREE REQUIREMENT CHECK SHEET

### for students who matriculated summer 2020 through spring 2021

Consult graduate advisor with questions about graduate-level requirements.

**Student Name/ID:** _____________________________________  **Purpose:** ___________________________  **Date:** ___________________

### Credit hours:
- Currently enrolled in: ____ semester: __________
- Currently enrolled in: ____ semester: __________

### CASE REQUIREMENTS:
- Public Oral Communication (COLL-P 155)
- English Composition
- Critical Approaches to the Arts and Sciences—must be done at IUB
- CASE A&H—2 courses; will count 2 GenEd A&H here; need: _____
- CASE S&H—2 courses; will count 2 GenEd S&H here; need: _____
- CASE N&M—4 courses; fulfilled by major
- Intensive Writing (IW)—must be done at IUB inside the College (fulfilled by major)
- Foreign Language (FL)—3rd semester proficiency
- CASE Culture Studies: Diversity in U.S. course—must be done at IUB

### BIOTECHNOLOGY MAJOR REQUIREMENTS:

**Major requirements must be completed with a C- or better.**
- 40 major hours: _____ needed
- 18 major hours at 300-499 level: _____ needed

**BIOTECHNOLOGY**
- BIOL-L 112
- BIOT-T 105 (fall only)
- BIOL-L 211 (P: L 112 and CHEM-C 117)
- BIOT-T 310 (P: L 211) (fall only)
- BIOT-T 312 (P: L 112) (spring only)
- BIOT-T 315 (P: L 211) [or BIOT-X 150; or BIOL-X 150 “Genome Engineering” topic only]
- BIOT-T 322 (P: L 211 and an advanced lab)
- One of: BIOT-T 415 or T 425 (see Bulletin for P)
- BIOT-T 440 (P: CHEM-C 341) (spring only)
- Independent research: 9 credit hours of BIOT-X 498 and/or BIOT-X 499
  - Hours done: ______  Hours needed: ______
- Capstone: 3 additional hours of BIOT-X 499

**CHEMISTRY**
- CHEM-C 117 and CHEM-C 127
- CHEM-C 341
- CHEM-C 342

**PHYSICS**
- PHYS-P 201
- PHYS-P 202

**STATISTICS**
- LAMP-L 316, PSY-K 300, STAT-S 300/S 303, OR SPEA-K 300

**MATH**
- MATH-M 211 OR MATH-M 119 and MATH-M 120
BIOT-X 498: Cumulative GPA ≥ 2.500 and consent of instructor required.
BIOT-X 499: Cumulative GPA ≥ 3.000, at least 1 credit hour of BIOT-X 498, and consent of instructor required.

ADMISSION
Students should apply for admission to the B.S./M.S. degree program between their sophomore and junior years. Consult the Director of the Biotechnology Master’s Degree Program about application timeline and procedures.

THE FOLLOWING SPECIAL POLICIES APPLY TO THIS DEGREE PROGRAM ONLY:
1. Up to 30 credit hours from the M.S. program may be applied toward the undergraduate degree.
2. At least 90 credit hours must be taken at the 100–499 level in courses from College of Arts and Sciences disciplines, though most students will need to complete more than this to meet all other requirements.
3. At least 90 credit hours at 100–499 level and all Bachelor of Science CASE requirements (this page, Degree tab, items 5a-g) must be completed before beginning graduate-level coursework.

IMPORTANT NOTES
• Typically, the BS and MS degrees are conferred simultaneously at the end of the summer after the 5th year.
• For conversations about good fit with this program and information about funding, please consult the Director of the Biotechnology Master’s Degree Program.
• This special program is not actually any faster than completing the standard BIOT BS in 4 years and the standard BIOT MS in 1 year.
• The primary advantage of the B.S./M.S. degree program is that students have the opportunity to develop an extensive, multi-year research project (4 to 7 semesters long) and write a thesis on this project. This is excellent for students wishing to pursue a Ph.D. in Biotechnology research. They do not have this opportunity with either the standard BS degree or the standard MS degree.

DEPARTMENT AND ADVISING INFORMATION
Biology Department website: https://biology.indiana.edu/undergraduate/index.html
Biotechnology faculty: https://biology.indiana.edu/graduate/biotechnology/faculty/index.html
Student Online Advising Records (SOAR): https://one.iu.edu/task/iu/student-advising-records
Advising Blog: https://blogs.iu.edu/hoosierbiology/
Follow the Department of Biology on Facebook!
Make an appointment with a Biotechnology advisor: https://one.iu.edu/task/iu/student-appointment-scheduler

UNDERGRADUATE DEGREE PROGRESS
Check your Academic Advisement Report (AAR): Go to https://one.iu.edu/task/iu/degree-progress-report, then click View My Advisement Report. Click “Expand All” button after report runs. The AAR shows only the undergraduate degree requirements for the Accelerated B.S./M.S. in Biotechnology.