

Student Name:

DATE:

Degree Planning Worksheet BTPS IN BIOTECHNOLOGY

This worksheet is designed to help you plan and track your progress toward your degree. It lists all of the graduation requirements in the recommended sequence. For full course descriptions, please refer to the current undergraduate *Catalog*.

SEQUENCE

Courses are listed in the order in which students should take them. Changes in courses and order may affect other elements of the degree plan.

**COURSE
TAKEN OR
TRANSFERRED**
**SEMESTER
TAKEN OR
CREDIT
REMAINING**

Recommendations will differ for specific majors. Refer to catalog for alternatives to recommended general education requirements (GERs). Courses used for GERs may not be used in the major or minor.

The BTPS is available only to students with the AAS from a community college with which UMUC has an articulation agreement		
REQUIRED LOWER-LEVEL COURSES FOR MAJOR (32 credits)		
Must include ◆ 15 credits in General microbiology with lab General genetics with lab Biotechnology techniques An additional 17 credits of coursework related to biotechnology	These courses will be included in the community college course work for the related associate's degree. They also fulfill UMUC's biological/physical science GERs. Consult an advisor for specific courses applicable to your articulated program.	
FIRST COURSES (7 credits) Take within first 18 credits. Take placement exams before registering for writing and math courses. <i>Note: Many of the first and introductory courses, including lower-level GER courses, will be completed in the requirements for the associate's degree. Consult the community college and a UMUC advisor for a course list specific to the community college.</i>		
LIBS 150 (1) <i>GER course</i>		
WRTG 101 or WRTG 101X (3) <i>GER course</i>		
MATH 106 or higher-level math course (3) <i>GER course</i>		
INTRODUCTORY AND GENERAL EDUCATION COURSES (27 credits) Take within first 30 credits.		
IFSM 201 or CMST 303 (3) <i>First computing GER course</i>		
WRTG 291 (3) <i>Or other writing GER course except WRTG 288 or WRTG 486A/B</i>		
GVPT 170 (3) <i>Or other first behavioral/social science GER course</i>		
PHIL 140 or foreign language course (3) <i>Or other first arts/humanities GER course (not ARTH or HIST)</i>		
PSYC 100 or SOCY 100 (3) <i>Or other second behavioral/social science GER course (discipline must differ from first)</i>		
HIST 142 or HIST 157 (3) <i>Or any ARTH or HIST (except ARTH 100) for second arts/humanities GER course</i>		
SPCH 100 or WRTG 390 (3) <i>Or other writing or speech GER course</i>		
IFSM 304 (3) <i>Or other second computing GER course</i>		
ANTH 344 or SPCH 482 (3) <i>Recommended elective course</i>		

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SEQUENCE <i>36 total credits for major, of which at least half must be upper-level and at least half taken through UMUC.</i>	COURSE TAKEN	SEMESTER TAKEN OR CREDIT REMAINING
ADDITIONAL REQUIRED COURSES FOR MAJOR AND DEGREE (18 credits) Take after introductory/foundation courses.		
WRTG 393 or WRTG 393X (3) <i>Or other upper-level advanced writing GER course</i>		
◆ BIOL 350 (3) <i>Required for major</i>		
◆ BIOL 400 (3) <i>Required for major</i>		
◆ BIOL 362 (3) <i>Or other supplemental course for the major (BIOL 320, 330-339, 350-359, 362, 422, 430-439; NSCI 301; or additional 3-credit Co-op internship)</i>		
◆ BIOL 320 (3) <i>Or other supplemental course for the major</i>		
◆ BIOL 422 (3) <i>Or other supplemental course for the major</i>		
INTERNSHIP FOR MAJOR (6 credits) Complete in last 30 credits.		
◆ 6 credit internship through Cooperative Education <i>Required for major. Courses numbered 486 A or B in any discipline, but learning proposal must show relationship to biotechnology major. Note: additional internships may be used in supplemental credits but maximum total internship credits in degree is 15.</i>		
MINOR OR ELECTIVES (15 credits, at least 9 credits upper level for minor) Complete in last 60 credits along with major courses.		
See requirements of individual minor.		
ADDITIONAL ELECTIVES (15 credits) Complete in last 60 credits along with major and minor courses.		
Choose any courses to meet 120 credits for degree. Note minimum requirements for upper-level coursework.		
TOTAL: 120 CREDITS		
CHECKLIST FOR FULFILLMENT OF DEGREE REQUIREMENTS See catalog for overview of all requirements.		
<input type="checkbox"/> 30 credits at UMUC, including at least half of the major and minor and 15 upper level credits. <input type="checkbox"/> 45 upper-level credits, including half the credit for the major and for the minor. <input type="checkbox"/> All required courses <u>and</u> minimum number of credits for major and minor. <input type="checkbox"/> Prerequisites for major and minor courses, if needed.	<input type="checkbox"/> All General Education Requirements. <input type="checkbox"/> Grade of C or better in all courses for the major and minor. <input type="checkbox"/> Overall GPA of at least 2.0. <input type="checkbox"/> At least half the credit for the major earned through graded coursework. <input type="checkbox"/> Total 120 credits.	
NOTES:		