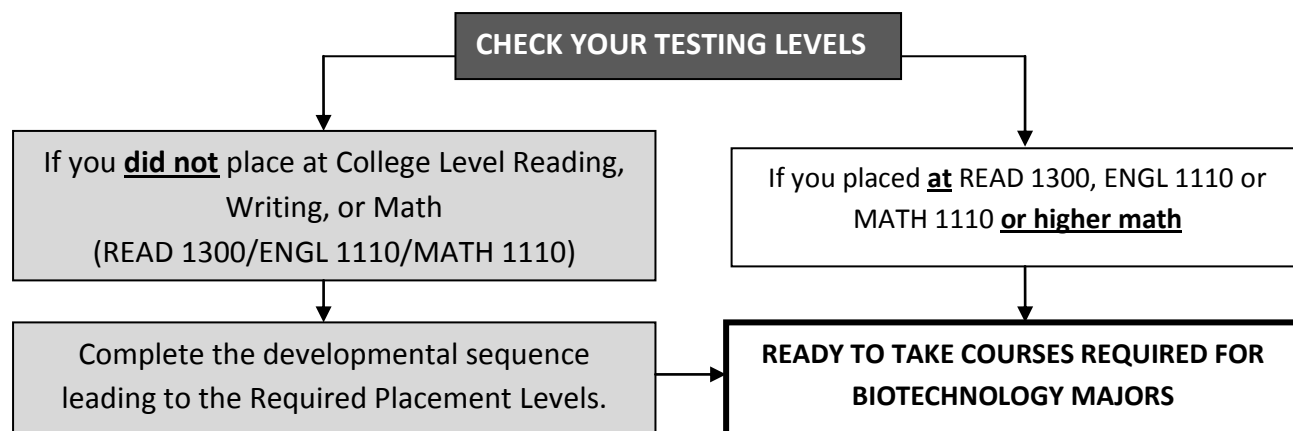


BIOTECHNOLOGY MAJOR FIRST SEMESTER GUIDE

READING, WRITING, AND MATH REQUIREMENTS



PROGRAM COURSES THAT STUDENTS MAY CHOOSE THEIR FIRST SEMESTER

BIOT1000: INTRODUCTION TO BIOSCIENCE (1 credit)

This course requires you to have been placed into college level reading from the placement test or that you complete developmental courses READ 200 or ESOL 0052.

MATH1110: COLLEGE ALGEBRA OR MATH1125: PRE-CALCULUS OR MATH1180: CALCULUS 1 (4-5 credits)

You may choose one of the college level Math courses listed above based on your placement from the test. If you didn't place into one of these courses begin taking your developmental math courses.

*** BIOL2200: PRINCIPLES OF BIOLOGY + LAB** (4 credits)

***CHEM 1151: PRINCIPLES OF CHEMISTRY 1 + LAB** (5 credits)

**** In order to take BIOL2200 and/or CHEM1151 you must:***

- 1) Have completed either a year of high school chemistry with a grade of C or higher in a U.S. High School within the last 5-years or completed CHEM 1020 – Introductory Chemistry at MCTC. If you completed your chemistry in a US high school and want to take CHEM 1151 in your first semester at MCTC then submit a pre-requisite waiver form with a copy of your high school transcripts to the registrar's office. Staff there will review if you meet the requirement and if so they'll register you into the course. If you do not meet the high school option register for CHEM 1020 – Introductory Chemistry.
and
- 2) Have placed at college level reading, writing, and math from the placement test.

ENGL 1110 - COLLEGE ENGLISH 1 (3 credits)

This course requires you to have been placed into college level reading and writing from the placement test or that you complete developmental courses READ 200/ESOL 0052 and ENGL 0900/ESOL0051.

GENERAL EDUCATION COURSES - BIOTECHNOLOGY MAJORS

If the developmental and/or program courses you need are all full, consider the following general education courses for your first semester.

One History: AMIS1000, HIST1000, HIST1010, HIST1020, HIST1100, HIST1110, HIST1200, HIST1210, HIST1300, HIST1310, HIST1320, HIST1500, HIST1510, HIST1520, HIST1600, HIST2241, HIST2242, HIST2243.

One or two Social/Behavioral Sciences: ANTH1105, ECON2000, ECON2200, ECON2500, GEOG1101, GEOG1103, GEOG1104, GEOG2204, PSCI1011, PSCI1102, PSCI1103, PSCI1104, PSCI1110, PSCI 1137, PSCI1140, PSYC1110, SOCI1105, SOCI1110, SOCI1160, SOCI1170.

One or two Arts/Humanities courses: ARTS1110, ARTS1111, ARTS1112, ARTS1113, ARTS1121, ARTS1122, ARTS1125, ARTS1132, ARTS1133, ARTS1141, ARTS1142, ARTS2213, ARTS2233, CIST1103, CIST1104, CIST1106, FREN 1300, GLOS1121, GLOS1122, GLOS 2105, MUSC1000, MUSC1010, MUSC1020, MUSC1060, PHIL1171, PHIL 2181 (NOTE: Biotechnology students must take one of these Ethics courses as a program requirement), PHOT1100, PHOT1200, SPAN1145, THTR1104, THTR1131, THTR1140, THTR1145, THTR2105, WOST1140, WOST2211, WOST2212.

You may also consider: BIOL 1136&1137-Environmental Science & Lab, CHEM 1145-Forensic Science, INFS 1000-Information Literacy and Research Skills.

REMEMBER

For every **1 credit in Science or Math** courses you will need **at least 3 hours per week to study/read/complete homework** outside of the classroom.

For every **1 credit in General Education/Reading/English** courses you will need **at least 2 hours per week to study/read/complete homework** outside of the classroom.

If you have questions about courses after orientation contact:

Sandra Castro-Pearson (advisor for Biology, Biotechnology, Chemistry and Math)

To Schedule an appointment: Stop by the Science/Math Advising desk in the first floor of the science building (by security) or call 612-659-6700

Office location: S.1320 (first floor of the science building)

Direct number: 612-659-6170

Open Advising (walk-in) Hours: M&T 2:00-4:00, W&TH 10:00-12:00, and TH 4:00-6:00

Electronically: sandra.castro-pearson@minneapolis.edu & www.facebook.com/MCTCmathscience

(If you need an appointment on or after 6 PM please e-mail)

