

BIOMANUFACTURING BS PROGRAM APPLICATION AND SELECTION PROCESS

In order to turn in an application for fall admission and be considered for acceptance in the cohort of students that would begin upper division coursework, a student must have completed (or be enrolled) in the courses listed below:

Requirements For Eligibility to Enroll in the Bachelor's Program:

- Overall GPA of 2.0 for all course work
- Completion of all of the following program prerequisites, with no grade less than a C- (or P) prior to the start date of the program (start of upper division coursework):
 - *BTEC 108/BTEC 108H or General biology (BIO 105 or equivalent)-See Blanket Course Sub in Counselor Reference Website
 - CHEM 150/150H
 - CHEM 151/151H
 - BTEC 107
 - BTEC 110/BTEC 110H
 - BTEC 120
 - BTEC 210 or (CSIT 110, 115, 120, CSIT 128-See Blanket Course Sub in Counselor Reference Website)
 - BTEC 211
 - BTEC 221
 - BTEC 222
 - ENGL 100/ENG 100H
 - Statistics (**BTEC 180/BTEC 180H or equivalent)-See Blanket Course Sub in Counselor Reference Website

Comparable courses from other institutions can be used to fulfill MiraCosta College course requirements. Here is the link to the Comparable Grid:

<https://www.miracosta.edu/academics/degree-and-certificate-programs/math-and-sciences/biotechnology/biomanufacturing-bachelors-degree/docs/comparison-grid-btec-eligibility.pdf>

*The BTEC dept. will accept BIO 110 or 111 or 204 as a substitute for BTEC 108 or BIO 105. Evaluations and the dept. have created a “blanket course substitution” for these options so you do not have to do any Petitions for Course Substitutions unless the student is using a course that is not equivalent to these approved courses. See Counselor Reference Website for details.

** ADVISING NOTE: For students intending to apply for the B.S. program, it is in their best interest to take BTEC 180 if possible. The BS program uses JMP software in BTEC 180 that is also used in the upper division classes. Students are best served if they already have familiarity with JMP. Just FYI as you counsel students.

Applicants who will enroll in any of these courses in the spring semester prior to starting the fall program may indicate this on their application at the time of submission.

II. Cohort Selection

All applications will undergo a comprehensive review that ensures that applicants meet the above eligibility requirements. You may review the comprehensive selection process rubric. Additional weight will be given to students who have:

- Completed BTEC 221 and BTEC 222 (or equivalent) with a grade of C minus or P, or better, prior to the start of the program (start of upper division coursework).
- Completed an associate degree in research and development, biomanufacturing, or equivalent.
- Earned GPAs of 2.5 or higher.
- Completed additional 200-level biotechnology courses.
- Completion, before entry date, of lower division GE requirements
- Have life experiences or special circumstances of interest, such as having biotechnology industry work experience; being a veteran, former foster youth, low-income student and/or first-generation college student; need to work during prerequisites; disadvantages: social or educational environment; or having a verified disability.

PLEASE REFER TO THE BIOMANUFACTURING BACHELOR'S DEGREE FAQ WEBSITE FOR UP-TO-DATE INFORMATION:

<https://www.miracosta.edu/academics/degree-and-certificate-programs/math-and-sciences/biotechnology/biomanufacturing-bachelors-degree/faq.html>

