



MINUTES
BIO/BIOT ADVISORY COMMITTEE
11.17.2021 - ZOOM

Date of Meeting: 11.17.2021

Members present:

Ex officio: Diane Vorbroker, Linda Gingerich, Linae Boehme, Natavia Middleton, Joe Benavides, Marilyn Browne

Officio: Guy Bradley, Chelsea Knapp, Allison Williams, Steve Harper, Bob Ulrich. Meghan Elizabeth

Members excused:

Ann McNicol, Shannon Ulrich, Kaitlyn Kirkpatrick

Others present:

Arthur MacAlpine- *soon to be added as current student representative*

Call to order:

Diane Vorbroker @ 12:01 pm

Previous Minutes Approved:

Motion by: Steve Harper

Second by: Guy Bradley

Unfinished Business:

- Bridge to Baccalaureate funds are only available for AS students, short term projects are available under Linae or Erin (Dr. Goergen)
- Upper division instructor not likely to be approved because latest distribution shows that ~70% BIO-BS courses are taught by full time professors (target is 55% or more)
- Internship placement is an ongoing concern- Officio members stated that they are or will soon be "opening up"

Program Updates:

- Linda shared the latest Viability report for BIO-BS. Enrollment is down slightly; retention and completion are strong. Classes are 75% full despite decrease in overall College enrollment of ~17% since Fall 2019.
- Diane shared that the BIOT program numbers are weak, but the Viability Report is under revision. The BIOT-ATC certificate was designed to enroll students who registered as BIOT-AS in the past few years but do not intend to finish the degree, but they are still mis-coded in the system. Those that make into year 2 classes (4-8 students) complete and find placement. The question is where the 24+ students that take Intro to "Biotechnology" course disappear to. Full Viability Report will be shared once revisions are completed.
- Since SP20 BIOT-AS students that have taken the BACE exam have passed, all graduates have found placement after graduation.

Subcommittee Reports: n/a

Student Update: n/a

New Business:

- Upper Division prerequisite changes are being instituted to ensure that students take classes in the correct order
- Joe Benavides shared that there is a Dept. of Defense grant available to help students offset the loss of income if they take on an unpaid internship
- Diane shared some goals for the BIOT-AS program, including increasing participation, retention, and completion.
- After reviewing the FL standard for the BIOT AS, changes to the program are proposed. Removal of BSC 2461 (Model Systems) and BSC 2847 (Scientific Communications) were suggested. Add options to replace the removed classes such as: Statistics, QA, IT (Python coding), Hazardous waste, etc. More scientific communications work to be incorporated into other classes. A lab experience will be added to Applied Genetics (PCB 2061-genetics for lower division students). Follow up emails to request feedback by 12/5 were sent.

Industry Updates & Discussion:

- Guy Bradley reported that they will have a position opening soon. To be added to HandShake and/or shared with Joe B.
- Advisory committee members were encouraged to fill out the *Ways to Engage Tool* and to suggest additions to the committee as well as internship possibilities for BIO and BIOT students.

Adjournment: 1:17 pm**Secretary: Diane
Vorbroker**