

Proposals Recommended

College of Business and Innovation

Course Modifications

BUAD 3020 Prin of Manufacturing/Serv Sy 3 Chr

Change pre-requisite from “BUAD 2070” to ‘BUAD 2060”

Faculty feel that Stats 1 is adequate preparation for the course. Also with math sequencing issues, student will not unnecessarily delay graduation.

FINA 2000 Finance and Business Economics 3 Chr

Change alpha numeric to “**FINA 3000**”

The only change is the course number. When the course was designed, the wrong level was selected. It should have been a 3000 level junior course. It is an elective for business students and non-business students.

MGMT 4780 Leadership and Managerial Comp 3 Chr

Change title to “Leading and Managing People”

Change prerequisite from “BUAD 3030” to “Jr Standing”

Change catalog description from “This course focuses on concepts and experiences for developing leadership skills that facilitate organizational development and change.

Writing, cases, videos and exercises are used extensively.” to “This course focuses on understanding how to be an effective leader and manager of people. Case studies, self-assessments, videos, and exercises are used extensively.”

College of Natural Science and Mathematics

New Course

EEES 2510 Advanced Computer Applications 2 CHr

Credit hours: 2

Delivery Mode: Lecture, 1 h; Computer Laboratory, 1 h; Field, 1 h

Offered Spring; Every Year.

Grading System: Normal Grading

Pre-requisites: EEES 2500

Co-requisites: None

Catalog Description: "Collecting and analyzing spatial data, digital elevation models, mathematical modeling of natural processes and introduction to matrix operations in Excel."

Course Modification

BIOL 3010 Molecular Genetics 3 CHr

Change prerequisites from "BIOL 2170 and CHEM 1220 or 1240" to "BIOL 2170 with a grade of C or better and CHEM 1220 or 1240"

Reason: Students who complete BIOL 2170 with a grade lower than a C typically perform very poorly in this upper division course in both the major and minor. Institutional data (see attachment) shows that the mean GPA in BIOL 3010 of students who received a D in BIOL 2070 is 0.75, and that 42% fail the course. Students who perform poorly in BIOL 2070 will be encouraged to retake it to build a stronger foundation for the more advanced course, and ultimately this will lead to a more successful outcome in the course and the major for these students.

BIOL 3030 Cell Biology 3 CHr

Change prerequisites from "BIOL 2170 and CHEM 1240" to "BIOL 2170 with a grade of C or better and CHEM 1240"

Reason: Students who complete BIOL 2170 with a grade lower than a C typically perform poorly in this required course that is a prerequisite for most of our upper division courses. For example, institutional data shows that for students who pass BIOL 2170 with a D, the interquartile BIOL 3030 GPA is from 0.0 to 1.0 (see additional attachment). Students who performed poorly in the BIOL 2170 will be encouraged to retake it to become better prepared, and ultimately be more successful in both BIOL 3030 and ultimately in the program.

BIOL 4030 Microbiology 3 CHr

Change prerequisites from “BIOL 3030 and CHEM 2420” to “BIOL 3030 and CHEM 2410”

Reason: A basic knowledge of Organic Chemistry at the level of CHEM 2410 is sufficient for students to be successful in this course. A second semester of Organic Chemistry is not needed. Currently, we routinely allow students who have had OChem I but not OChem II to enroll via permission of instructor. These students performance in the course is indistinguishable from those who have had two semesters of OChem.

BIOL 4700 Biological Literature and Comm 3 CHr

Change prerequisites from “BIOL 3030 and 3070 (or 3410)” to “BIOL 3030 with grade of C or better”

Change corequisite from “Senior Standing” to “Senior standing and BIOL major or permission of instructor”

Reason: The deep knowledge of human (BIOL 3070) or plant (BIOL 3140) physiology is not necessary for students enrolled in BIOL 4700; we routinely grant an override for this prerequisite to students enrolling in the course. Students who do not master the content of BIOL 3030 with a grade of C or better do not perform well in upper division BIOL courses that depend on being conversant with Cell Biology, most of the literature read in this course is primary literature in Cell Biology and closely related areas. Since this course is required of our majors for graduation, we want a mechanism to ensure our students are able to have priority enrollment. Students in other majors can still enroll if space is available with permission of the instructor.

College of Pharmacy

New Course

The following MBC 3340 and MBC 3330 course proposals were reviewed by the Department of Chemistry and found to pose no issues.

MBC 3340 Techniques in Pharmaceutical and Medicinal Chemistry Laboratory

1 CHr

Enrollment: 20/section, 60 per term

Credit hours: 1

Delivery Mode: Regular Laboratory, 3 h

Offered Fall; Every Year.

Grading System: Normal Grading

Pre-requisites: Admission to BSPS program or Permission of Instructor

Co-requisites: MBC 3330

Catalog Description: "A consideration and application of analytical and chemistry techniques useful for pharmaceutical and medicinal chemistry students."

Fit: This course will be required of MBC BSPS students and an elective for other BSPS tracks. The course will provide applied hands-on instruction in areas important to pharmaceutical development. Topics will include chemical and product analysis, fundamental calculations, and informatics.

Course Modification

MBC 3330 Applied Drug Design

2 CHr

Change course title to "**Techniques in Pharmaceutical and Medicinal Chemistry**"

Pre-requisites: Admission to BSPS program or Permission of Instructor

Co-requisites: None

Change catalog description to "A consideration and application of analytical and chemistry techniques useful for pharmaceutical and medicinal chemistry students."

Fit: This course will be required of MBC BSPS students and an elective for other BSPS tracks. The course will provide didactic instruction in areas important to pharmaceutical development. Topics will include chemical and product analysis, fundamental calculations, and informatics.