

California State University San Marcos • COURSE CHANGE(S) • FORM C-2

| | |
|---|---|
| ORIGINATOR'S SECTION: | |
| 1. College: <input type="checkbox"/> CHABSS <input type="checkbox"/> CoBA <input type="checkbox"/> CoEHHS <input checked="" type="checkbox"/> CSM | Desired Term and Year of Implementation (e.g., Fall 2008): Spring 2018 |
| 2. Current Course abbreviation and Number: BIOL 560: Seminar in Molecular Cell Biology | |

TYPE OF CHANGE(S). Check all that apply.

| | | | | | |
|----------------------|-------------------------------------|-------------------------------|--------------------------|--|--------------------------|
| Course Number Change | <input type="checkbox"/> | Delete Prerequisite | <input type="checkbox"/> | Other Prerequisite Change | <input type="checkbox"/> |
| Course Title Change | <input type="checkbox"/> | Add Corequisite | <input type="checkbox"/> | Grading Method Change | <input type="checkbox"/> |
| Unit Value Change | <input type="checkbox"/> | Delete Corequisite | <input type="checkbox"/> | Mode of Instruction Change (C/S Number) | <input type="checkbox"/> |
| Description Change | <input type="checkbox"/> | Add Consent for Enrollment | <input type="checkbox"/> | Consider for G.E. If yes, also fill out appropriate GE form. | <input type="checkbox"/> |
| Add Prerequisite | <input checked="" type="checkbox"/> | Delete Consent for Enrollment | <input type="checkbox"/> | Cross-list | <input type="checkbox"/> |

Information in this section– both current and new – is required only for items checked () above.

NEW INFORMATION:

| | |
|--|---|
| CURRENT INFORMATION: | Course abbreviation and Number: |
| 3. Title: | Title: <i>(Titles using jargon, slang, copyrighted names, trade names, or any non-essential punctuation may not be used.)</i> |
| 4. Abbreviated Title for Banner <i>(no more than 25 characters):</i> | Abbreviated Title for PeopleSoft: <i>(no more than 25 characters, including spaces)</i> |
| 5. Number of Units: | Number of Units: |
| 6. Catalog Description: | Catalog Description: <i>(Not to exceed 80 words; language should conform to catalog copy. Please consult the catalog for models of style and format; include all necessary information regarding consent for enrollment, pre- and/or corequisites, repeated enrollment, crosslisting, as detailed below. Such information does not count toward the 80-word limit.)</i> |



7. Mode of Instruction* *(See pages 17-23 at <http://www.calstate.edu/cim/data-elem-dic/APDB-Transaction-DED-SectionV.pdf> for definitions of the Course Classification Numbers)*

| Type of Instruction | Number of Credit Units | Instructional Mode (Course Classification Number) | Type of Instruction | Number of Credit Units | Instructional Mode (Course Classification Number) |
|---------------------|------------------------|---|---------------------|------------------------|---|
| Lecture | | | Lecture | | |
| Activity | | | Activity | | |
| Lab | | | Lab | | |

| | |
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| 8. Grading Method:* <input type="checkbox"/> Normal (N) <i>(Allows Letter Grade +/-, and Credit/No Credit)</i> <input type="checkbox"/> Normal Plus Report-in-Progress (NP) <i>(Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress)</i> <input type="checkbox"/> Credit/No Credit Only (C) <input type="checkbox"/> Credit/No Credit or Report-in-Progress Only (CP) | Grading Method:* <input type="checkbox"/> Normal (N) <i>(Allows Letter Grade +/-, and Credit/No Credit)</i> <input type="checkbox"/> Normal Plus Report-in-Progress (NP) <i>(Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress)</i> <input type="checkbox"/> Credit/No Credit Only (C) <input type="checkbox"/> Credit/No Credit or Report-in-Progress Only (CP) |
|--|---|

9. If the NP or CP grading system was selected, please explain the need for this grade option.

| | |
|--|--|
| 10. Course Requires Consent for Enrollment? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Faculty <input type="checkbox"/> Credential Analyst <input type="checkbox"/> Dean <input type="checkbox"/> Program/Department/Director/Chair | Course Requires Consent for Enrollment? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Faculty <input type="checkbox"/> Credential Analyst <input type="checkbox"/> Dean <input type="checkbox"/> Program/Department/Director/Chair <i>Tracker</i> <i>RP</i> <i>PS</i> |
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*If Originator is uncertain of this entry, please consult with Program Director/Chair.

CURRENT INFORMATION:

NEW INFORMATION:

| | |
|--|--|
| 11. Course Can be Taken for Credit More than Once? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, how many times (including first offering) | Course Can be Taken for Credit More than Once? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, how many times (including first offering) |
| 12. Is Course Cross Listed: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate which course | Is Course Cross-listed? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate which course and check "yes" in item #17 below. |
| 13. Prerequisite(s): BIOL 351, or enrollment in the Biological Sciences graduate program. | Prerequisite(s): BIOL 351 or BIOT 355, or enrollment in the Biological Sciences graduate program. |
| 14. Corequisite(s): | Corequisite(s): |
| 15. Documentation attached: <input type="checkbox"/> Syllabus <input type="checkbox"/> Detailed Course Outline | |

PROGRAM DIRECTOR/CHAIR - COLLEGE CURRICULUM COMMITTEE SECTION:

(Mandatory information – all items in this section must be completed.)

16. Does this course fulfill a requirement for any major (i.e. core course or elective for a major, majors in other departments, minors in other departments)? Yes No
 If yes, please specify:
 Elective for BIOL majors. I would also like to add this course to the elective list for BIOT majors. Please see attached catalog copy revision.




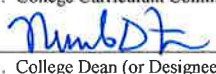
17. Does this course change impact other discipline(s)? (If there is any uncertainty as to whether a particular discipline is affected, check "yes" and obtain signature.) Check "yes" if the course is cross-listed. Yes No
 If yes, obtain signature(s). Any objections should be stated in writing and attached to this form.

Biotechnology
 Discipline _____
 Signature  Date 6/13/17 Support Oppose

Discipline _____
 Signature _____ Date _____ Support Oppose

18. Reason(s) for changing this course:
 I would like to list this course as an elective for Biotechnology majors, but BIOT majors cannot easily enroll in BIOL 560 with the current prerequisites, since they do not take BIOL 351. Instead, they take BIOT 355, which has very similar content to BIOL 351, and is considered an equivalent prerequisite. This prerequisite change has already been made for other courses (e.g. BIOL 477), but we neglected to make the change for this course.

SIGNATURES : (COLLEGE LEVEL) :

Matthew Escobar
 6/13/17
 1. Originator (Please Print) _____ Date
 6/13/17
 2. Program Director/Chair _____ Date
 9/19/17
 3. College Curriculum Committee _____ Date
 10/2/17
 4. College Dean (or Designee) _____ Date

(UNIVERSITY LEVEL)

5. UCC Committee Chair _____ Date
 6. Vice President for Academic Affairs (or Designee) _____ Date
 7. President (or Designee) _____ Date

Preparation

Freshman applicants must complete a comprehensive pattern of college preparatory study totaling 15 units with a grade of C (2.0) or better. Transfer students entering at the junior and senior level will be expected to have completed the equivalent of lower-division requirements elsewhere, including two semesters of biology, four semesters of chemistry, two semesters of physics, one semester of college-level calculus, and one semester of statistics.

Special Conditions for the Bachelor of Science in Biotechnology

All courses counted toward the major, including Preparation for the Major courses, must be completed with a grade of C (2.0) or better. A minimum of eighteen (18) units in biotechnology must be completed at CSUSM.

Biotechnology majors are permitted to earn the Minor in Biology. Biotechnology majors also pursuing the Minor in Biology may use either Genetics (BIOL 352) or Comparative Animal Physiology (BIOL 353), but not both, to fulfill part of the 7 elective units required for the Biotechnology degree requirement. These students must also take 12 additional units in Biology, exclusive of coursework applied to the Major, in order to earn the Minor. Departmental advisors will provide information on recommended additional coursework.

BACHELOR OF SCIENCE IN BIOTECHNOLOGY

| | Units |
|-----------------------------|--------------|
| General Education* | 51 |
| Preparation for the Major* | 35-36 |
| Requirements for the Major* | 49 |
| Total Required | 120 |

**Nine (9) lower-division GE units in Area B (Math and Science) are automatically satisfied by combinations of CHEM 150, MATH 160, and BIOL 211 when taken in preparation for the major. Three (3) lower-division GE units in Area D (Social Sciences) are automatically satisfied by either PSYC 100 or SOC 101, which are also required as preparation for the major. Three (3) upper-division GE units in Area BB (Mathematics and Natural Sciences) are satisfied by students taking either CHEM 351 or CHEM 341.*

Preparation for the Major

(35-36 units)

| | |
|-----------------------|-----|
| CHEM 150 & 150L | 5 |
| CHEM 160 | 3 |
| CHEM 201 | 3 |
| CHEM 201L | 2 |
| CHEM 202 | 3 |
| MATH 160 | 5 |
| PHYS 205 | 4 |
| PHYS 206 | 4 |
| PSYC 100 or SOC 101 | 3-4 |
| PHIL 315, 340, or 345 | 3 |

Major Requirements

Lower-Division (18 units)

| | |
|----------|---|
| ACCT 201 | 3 |
| ACCT 202 | 3 |
| BIOL 210 | 4 |
| BIOL 211 | 4 |
| BIOL 215 | 4 |

Upper-Division (20 units)

| | |
|----------------------|----------|
| BIOT 355 | 4 |
| BIOT 356 | 4 |
| BIOT 357 | 2 |
| BIOT 460 | 3 |
| CHEM 341 or CHEM 351 | 3 |
| MGMT 302 | 2 |
| MKTG 302 | 2 |

Electives (At least 11 units)

Select any of the following for at least eleven total units:

| | |
|-----------------|----------|
| BIOL 352 | 4 |
| BIOL 353 | 4 |
| BIOL 367 | 4 |
| BIOL 477 | 3 |
| BIOL 489 | 2 |
| BIOL 503 | 4 |
| BIOL 504 | 3 |
| BIOT 358 | 3 |
| BIOT 420 | 3 |
| BIOT 450 | 3 |
| BIOT 497 | 4 |
| BIOT 498 | 12 |
| CHEM 351L | 2 |
| CHEM 352 | 3 |
| FIN 302 | 2 |
| MIS 411 | 4 |
| MIS 425 | 4 |
| MIS 426 | 4 |
| MGMT 415 | 4 |
| MGMT 452 | 4 |
| MGMT 461 | 4 |
| MIS 302 | 2 |
| OM 302 | 2 |

BIOL 500 2