

<b>ORIGINATOR'S SECTION:</b>	
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): Fall 2018

2. Current Course abbreviation and Number: <b>BIOL 352</b>
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**TYPE OF CHANGE(S). Check  all that apply.**

Course Number Change	<input type="checkbox"/>	Delete Prerequisite	<input type="checkbox"/>	Other Prerequisite Change	<input checked="" 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 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:**

Course abbreviation and Number:
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**CURRENT INFORMATION:**

3. Title: <b>Genetics</b>	Title: <i>(Titles using jargon, slang, copyrighted names, trade names, or any non-essential punctuation may not be used.)</i>
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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>
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5. Number of Units:	Number of Units:
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6. Catalog Description:  Detailed study of classical transmission, molecular quantitative and population genetics. Included will be current observations and concepts of the nature, organization, function and regulation of the expression of genetic material. Subject matter covered includes mechanism of genetic conveyance, recombination, mapping, mutation and repair, RNA and DNA viruses, karyotyping, human genetics, and genetics of organelles. <i>Three hours lecture and three hours laboratory. Prerequisites: BIOL 210, 211, 212, and 215 with grades of C (2.0) or better, or enrollment in the Biological Sciences graduate program.</i>	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>  Detailed study of classical transmission, molecular quantitative and population genetics. Included will be current observations and concepts of the nature, organization, function and regulation of the expression of genetic material. Subject matter covered includes mechanism of genetic conveyance, recombination, mapping, mutation and repair, RNA and DNA viruses, karyotyping, human genetics, and genetics of organelles. <i>Three hours lecture and three hours laboratory. Prerequisites: For Biology majors: BIOL 210, 211, 212, and 215 with grades of C (2.0) or better. For Biotechnology majors: BIOL 210, 211, and 215 with grades of C (2.0) or better. Or enrollment in the Biological Sciences graduate program.</i>
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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		

8. Grading Method:* <input type="checkbox"/> Normal (N) (Allows Letter Grade +/-, and Credit/No Credit)	Grading Method:* <input type="checkbox"/> Normal (N) (Allows Letter Grade +/-, and Credit/No Credit)
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 OCT 11 2007  
 BY: \_\_\_\_\_  
 Tracker  
 RP  
 PS

\*If Originator is uncertain of this entry, please consult with Program Director/Chair.

**CURRENT INFORMATION:**

**NEW INFORMATION:**

<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)	<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)
<b>9. If the NP or CP grading system was selected, please explain the need for this grade option.</b>	
<b>10. Course Requires Consent for Enrollment?</b> <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	<b>Course Requires Consent for Enrollment?</b> <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
<b>11. Course Can be Taken for Credit More than Once?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, how many times (including first offering)	<b>Course Can be Taken for Credit More than Once?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, how many times (including first offering)
<b>12. Is Course Cross Listed:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate which course	<b>Is Course Cross-listed?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate which course and check "yes" in item #17 below.
<b>13. Prerequisite(s):</b> BIOL 210, 211, 212, and 215 with grades of C (2.0) or better, or enrollment in the Biological Sciences graduate program.	<b>Prerequisite(s):</b> For Biology majors: BIOL 210, 211, 212, and 215 with grades of C (2.0) or better. For Biotechnology majors: BIOL 210, 211, and 215 with grades of C (2.0) or better. Or enrollment in the Biological Sciences graduate program.
<b>14. Corequisite(s):</b>	<b>Corequisite(s):</b>
<b>15. Documentation attached:</b> <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:

Core requirement for Biological Sciences majors. Upper division elective for Biotechnology and Biochemistry majors.

**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

10/5/17  
Date

Support  Oppose

**18. Reason(s) for changing this course:**

Biotechnology majors are not required to take BIOL 212 as part of their major, but they have traditionally been able to take BIOL 352 as an elective. Not that the BIOL 212 prerequisite for BIOL 352 is enforced, Biotechnology majors cannot easily enroll in the course and must get a hard copy prerequisite waiver form the faculty member teaching BIOL 352. To remedy this situation, the Biology Department agreed to waive the BIOL 212 prerequisite for Biotech majors who are interested in taking BIOL 352. There will be no change to the prerequisites for the Biology major, since the department wants Biology majors to complete all required lower division Biology courses before they move on to their upper division ones.

**SIGNATURES : (COLLEGE LEVEL) :**

Matthew Escobar

1. Originator (Please Print)

Date



9/24/2017

2. Program Director/Chair

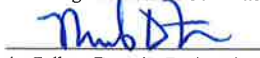
Date



10/5/17

3. College Curriculum Committee

Date



10/9/17

4. College Dean (or Designee)

Date

10/10/17

**(UNIVERSITY LEVEL)**

5. UCC Committee Chair

Date

6. Vice President for Academic Affairs (or Designee)

Date

7. President (or Designee)

Date