

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): Fall 2018
2. Current Course abbreviation and Number: BIOL 480	

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: Bioinformatics	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: An overview of the field of bioinformatics, which lies at the crossroads between the fields of molecular biology and computer science, and examines the structure and function of genes, proteins, and whole genomes through the use of computation analysis, statistics, and pattern recognition. A combination of lecture/class discussions and hands-on instruction in the use of, and theory behind bioinformatics algorithms/software used in genome analysis will be presented. <i>Three hours lecture and three hours laboratory. Prerequisites: BIOL 351, 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 <u>not</u> count toward the 80-word limit.)</i> An overview of the field of bioinformatics, which lies at the crossroads between the fields of molecular biology and computer science, and examines the structure and function of genes, proteins, and whole genomes through the use of computation analysis, statistics, and pattern recognition. A combination of lecture/class discussions and hands-on instruction in the use of, and theory behind bioinformatics algorithms/software used in genome analysis will be presented. <i>Three hours lecture and three hours laboratory. Prerequisites: BIOL 351 or BIOL 352 or BIOT 355, or enrollment in the Biological Sciences graduate program.</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		

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

Tracker
 NP
 PS

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

