



SACRAMENTO  
STATE

# Program Proposal Form B



Academic Group ( <i>College</i> ): Natural Sciences and Mathematics	Date of Submission to College Dean: September 13, 2007
Academic Organization ( <i>Department</i> ): Biological Sciences	Requested Effective: Fall __, SpringX, 2008_.
Department Chair: Nicholas Ewing	Contact if not Department Chair:
Title of the Program: Forensic Biology Concentration (B.S. Biological Sciences)	
Type of Program Proposal:  <input checked="" type="checkbox"/> Modification in Existing Program: ___ Substantive Change <input checked="" type="checkbox"/> Non-Substantive Change ___ Deletion of Existing Program  ___ New Programs ___ Initiation (Projection) of New Program on to Master Plan ___ New Degree Programs ___ Regular Process ___ Fast Track Process ___ Pilot Process ___ New Minor, Concentration, Option, Specialization, Emphasis ___ New Certificate Program	
PLEASE NOTE: Form B is to be used only as a Cover Form. Additional information is requested for each of the above as noted in the corresponding procedure in the Policies and Procedures for Initiation, Modification, Review and Approval of Courses and Academic Programs found at <a href="http://www.csus.edu/acaf/univmanual/index.htm">http://www.csus.edu/acaf/univmanual/index.htm</a>	
Briefly describe the program proposal (new or change) and provide a justification.  This proposed change corrects an error in the catalog description we submitted for our recently approved Forensic Biology Concentration (first offered Fall, 2007). In the catalog copy we submitted BIO 149A is listed as a required course. It was our intention to include 149A among the list of electives of which students are to select courses that total seven units rather than among the required courses. The units indicated for the program do not change as the totals are correct with Bio 149A removed from the list of required courses.	
Approvals:	
Department Chair: <u>W. D. C.</u>	Date: <u>9/20/07</u>
College Dean: <u>Laurel Deffernan</u>	Date: <u>9/20/07</u>
University Committee: _____	Date: _____
Associate Vice President and Dean for Academic Affairs: _____	Date: _____

8/27/07

**Change in Forensic Biology Concentration:** Remove Bio 149A from list of required courses--remains on list of upper division electives. In addition to the upper division core courses (unchanged) the following 30 units are required.

**Old Program: 30 units total**

- (4) CHEM 031 Quantitative Analysis (CHEM 001B)
- (3) CHEM 162 General Biochemistry Laboratory (CHEM 031; CHEM 160A or CHEM 161 either may be taken concurrently; ENGL 020 or an equivalent second semester composition course)
- (3) BIO 149A Immunology Lecture (BIO 139, CHEM 161)
- (2) BIO 180 Molecular Biology Lecture (BIO 184)
- (2) BIO 181 Molecular Biology Laboratory (BIO 139, BIO 184)
- (3) CRJ 004 General Investigative Techniques
- (3) CRJ 146 Introduction to Physical Evidence (CRJ 004)
- (3) CRJ 175 Structure and Function of the American Courts (CRJ 004)
- (3) BIO 150 Forensic Biology (BIO 001, BIO 002, CHEM 20)
- (7) Upper division electives in Biological Sciences from approved list or with approval of advisor  
Approved list: BIO 122, BIO 124, BIO 125, BIO 130 (strongly recommended), BIO 131, BIO 149A, BIO 149B, BIO 186, BIO 195, BIO 199

**New Program: 30 units Total**

- (4) CHEM 031 Quantitative Analysis (CHEM 001B)
- (3) CHEM 162 General Biochemistry Laboratory (CHEM 031; CHEM 160A or CHEM 161 either may be taken concurrently; ENGL 020 or an equivalent second semester composition course)
- (3) ~~BIO 149A~~ ~~Immunology Lecture (BIO 139, CHEM 161)~~
- (2) BIO 180 Molecular Biology Lecture (BIO 184)
- (2) BIO 181 Molecular Biology Laboratory (BIO 139, BIO 184)
- (3) CRJ 004 General Investigative Techniques
- (3) CRJ 146 Introduction to Physical Evidence (CRJ 004)
- (3) CRJ 175 Structure and Function of the American Courts (CRJ 004)
- (3) BIO 150 Forensic Biology (BIO 001, BIO 002, CHEM 20)
- (7) Upper division electives in Biological Sciences from approved list or with approval of advisor  
Approved list: BIO 122, BIO 124, BIO 125, BIO 130 (strongly recommended), BIO 131, BIO 149A, BIO 149B, BIO 186, BIO 195, BIO 199

**Note:** CHEM 162 can be included in the 36 upper division unit requirement for this concentration.