



SACRAMENTO  
STATE

# Program Proposal Form B



Academic Group (College): <b>Natural Sciences &amp; Mathematics</b>	Date of Submission to College Dean: 9-5-07
Academic Organization (Department): <b>Mathematics &amp; Statistics</b>	Requested Effective: Fall __, Spring <u>X</u> , 2008.
Department Chair: Roger Leezer	Contact if not Department Chair:
Title of the Program: Minor - Statistics	
<b>Type of Program Proposal:</b>  <input checked="" type="checkbox"/> <b>Modification in Existing Program:</b> <input checked="" type="checkbox"/> Substantive Change ___ Non-Substantive Change ___ Deletion of Existing Program  <input type="checkbox"/> <b>New Programs</b> ___ 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	
<b>PLEASE NOTE:</b> 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>	
<b>Briefly describe the program proposal (new or change) and provide a justification.</b> The Mathematics Department would like to add Stat 103 (Intermediate Statistics) (3 units) to the Statistics Minor. Our current Statistics Minor requires only Stat 115A (Intro. to Probability Theory) (3 units) and Stat 115B (Intro. to Mathematical Statistics) (3 units), a total of 6 units, as upper division course requirements. Our other minor programs require either 8 or 9 units of upper division courses. This change would bring the Statistics Minor in line with our other minor programs. It would also give our minor students an applied statistics course which would make them more attractive to prospective employers.	
<b>Approvals:</b> Department Chair: <u>Roger Leezer</u> Date: <u>9/20/07</u> College Dean: <u>Laurel Whiffen</u> Date: <u>9/20/07</u> University Committee: _____ Date: _____ Associate Vice President and Dean for Academic Affairs: _____ Date: _____	

## Program Change for the Minor in Statistics

The Mathematics Department would like to add Stat 103 to the required upper division courses for the Minor in Statistics, increasing the number of required upper division units from 6 to 9.

We don't expect this change to have any impact on other academic units' programs.

Stat 103 is already being taught by the department so we don't expect this change to require additional resources. The potential slight increase in the enrollment of Stat 103 should not require additional sections to be offered.

### New Program

Required Lower Division Courses  
12 units

Math 30	Calculus I	4 units	
Math 31	Calculus II	4 units	
Math 32	Calculus III	4 units	<b>OR</b>
Stat 50	Intro. to Prob. & Stat.	4 units	

Required Upper Division Courses  
9 units

Stat 103	Intermediate Stat.	3 units
Stat 115A	Intro. to Prob. Theory	3 units
Stat 115B	Intro. to Math. Stat.	3 units

### Old Program

Required Lower Division Courses  
12 units

Math 30	Calculus I	4 units	
Math 31	Calculus II	4 units	
Math 32	Calculus III	4 units	<b>OR</b>
Stat 50	Intro. to Prob. & Stat.	4 units	

Required Upper Division Courses  
6 units

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Stat 115A	Intro. to Prob. Theory	3 units
Stat 115B	Intro. to Math. Stat.	3 units