

ATTACHMENT 2.3

Coversheet for Program Projection, Implementation and Major Program Change

Check one:  Projection  
 Implementation

Check one:  New degree  
 New degree and option(s)  
 New option for existing degree  
 Elevation of option or concentration to a full degree  
 Pilot program conversion to regular status  
 New minor  
 New certificate  
 Title change to program  
 Major proposed changes to degree, option or minor

Check one:  Consider for Fast Track (ONLY for new degrees, not options)  
(Additional documentation required; see Section 2, p. 8-9)  
 Consider for Pilot Program (ONLY for new degrees, not options)  
(Additional documentation required; see Section 2, p. 9-10)

Proposed Name of Program: Master of Science in Geographic Information Science

Department/Program Proposing Program: Geography

Department Chair/Program Director: Dr. Vincent Del Casino / Dr. Suzanne Wechsler

Office Location: LA4-207 Campus Extension: x5-4977

ATTACHMENT 2.3 (con't.)

Review and Approval

1. Department/Program Approval:

Curriculum Chair: [Signature] Date: 3/23/11

Department Chair/Program Director: [Signature] Date: 3/23/11

2. College Approval:

Curriculum Chair: [Signature] Date: 4/1/11

Dean/Designee: [Signature] Date: 3-23-11

3. Academic Affairs Review:

Reviewed for Projection: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewed for Implementation: \_\_\_\_\_ Date: \_\_\_\_\_

4. U.R. Council:  Not Applicable  Approved  Not Approved

Chair: \_\_\_\_\_ Date: \_\_\_\_\_

C.E.P. Council:  Not Applicable  Approved  Not Approved

Chair: \_\_\_\_\_ Date: \_\_\_\_\_

5. Academic Senate:  Not Applicable  Approved  Not Approved

Chair: \_\_\_\_\_ Date: \_\_\_\_\_

6. Academic Affairs:  Approved  Not Approved

Vice Provost for Academic Affairs: \_\_\_\_\_ Date: \_\_\_\_\_

Entered on Campus Master Plan (Date): \_\_\_\_\_

Proposed Implementation Date: \_\_\_\_\_

Actual Implementation Date: \_\_\_\_\_

California State University, Long Beach  
University Resources Council

Proposal for NEW Program, Degree or Certificate

Please attach this completed form to your program proposal indicating the rationale for the program, courses required, # of sections, frequency of course offerings, current/projected enrollment, and any other relevant information important to our evaluation of your program.

Initiating Department(s): **GEOGRAPHY**

College(s): **College of Liberal Arts**

Name of Proposed Program: **Master of Science in Geographic Information Science  
Self Support through the College of Continuing & Professional Education (CCPE)**

Contact Person(s): **Dr. Vincent Del Casino Phone: 5-2357 Email: vdelcasi@csulb.edu**

**I. Demand and/or Workload Indicators**

**Expected Fall FTES, Spring FTES, and Summer FTES in Program: (15 (Fall); 5 (Winter); 15 (Spring); 15 (Summer))**

**Number of New Course Sections Required by the New Program: 8**

**Estimated Enrollment in New Course Sections: 25**

**Library Resources Required (Please indicate that your department/program's librarian was consulted. Briefly discuss existing library collections relevant to your program and indicate plans for acquiring additional resources): The Geography holdings at CSULB are significant and have been increased in recent years with the acquisition of new electronic journals. The Department consulted the library when evaluating overall needs for the program.**

**Specify Relevant Accreditation Requirements as it Relates to Resources: There are no accreditation requirements specific to the training of students in Geographic Information Sciences.**

**Additions, Deletions and other Changes to Existing Programs: N/A**

**II. Expenses**

**Faculty Staffing Needs for Program (in FTEF): 2.0 FTEF**

**Staff Support for Program (Positions): .75 staff positions (@ base 1.0 salary of \$60,000 per year) in support of the geography labs and associated software and hardware required for the program.**

**Other Support for Program (Specify both dollars and types of other support):**

**Space Needs for Program (Classrooms, labs, offices): The program will utilize existing classroom and**

laboratory space in Geography. This will include one classroom and two computer labs.

Start-Up and Operating Expenses for Program (in Dollars):

Release Time Needs in FTEF: 0.4 (0.2 per semester x two semesters)

Purpose of Release Time: Graduate director of the program.

Financial Impact on Other Programs:

(A) Total Expenses (in \$): \$167,074 (direct) + \$229,688 (indirect) = \$396,762

### III. Program Funding Sources (list all sources and amounts)

Capital Grants (source and amount): \$0

Operating Grants (source and amount): \$0

Program Fees (type and amount): \$625 per unit x 30 unit program x 25 students = \$459,375

Gifts, Contributions, Endowments (source, type and amount): \$0

Other (source and amount): \$0

Continuity (Sources and Expected length of support in Years):

(B) Total Revenue (in \$): \$459,375

### IV. Net Fiscal Impact

(A) Total Expenses (in \$) = \$326,000

(B) Total Program Revenue (in \$) = \$459,375

(C) Net Program Income (B - A) = \$133,375

(D) Revenue Generated from State General Fund Appropriations (based on FTES) = \$0

(E) Net Income (C) + State GF (D) = \$133,375

**ATTACHMENT 2.6**

**University Resources Council**

**Fast-Track Proposal for New Degree**

Initiating Department: Geography

College(s): College of Liberal Arts

Name of Proposed Program: Master of Science in Geographic Information Science

Self Support Program through the College of Continuing & Professional Education (CCPE)

Contact Person(s): Dr. Vincent Del Casino Phone: 5-2357

**Courses Required by the Proposed Degree:**

Course Number	First offered	Frequency	Current AY Enrollment	Projected Enrollment
GISC 601	2012	summer	0	25
GISC 602	2012	Fall	0	25
GISC 603	2013	Spring	0	25
GISC 604	2013	winter	0	25
GISC 605	2012	Fall	0	25
GISC 606	2013	Spring	0	25
CNSM	2012	Fall	0	25
CNSM	2013	Spring	0	25
CNSM	2013	May Intersession	0	25
GISC 607	2013	Summer	0	25
GISC 608	2013	Summer	0	25

Expected Total FTES In Program: 50 (15-fall, 5-winter, 15-spring, 15-summer)

Staffing Needs For Program (in FTEF): 2.0 FTEF

Space Needs for Program (Classrooms): The program will utilize existing classroom and laboratory space in Geography. This will include one classroom and two computer labs

O&E Needs for Program (in Dollars): \$229,688 for Geography, CLA, CCPE & CNSM

Release Time Needs in FTEF: 0.4 (0.2 per semester x two semesters)

Purpose of Release Time: Graduate director of the program

Library Support Required: The Geography holdings at CSULB are significant and have been increased in recent years with the acquisition of new electronic journals. The Department

consulted the library when evaluating overall needs for the program. No additional library support will be required.

Clerical Support for Program (Positions) : Housed in the Department of Geography

Other Support for Program (Dollars): 0.75 staff positions (@ base 1.0 salary of \$60,000 per year) in support of the geography labs and associated software and hardware required for the program.

**Types of Other Support:**

Program Fees (type and amount): \$625 per unit x 30 unit program x 25 students = \$459,375

**Financial Impact on Other Programs:** \_\_\_\_\_

Total Expenses (in \$): \$167,074 (direct) + \$229,688 (indirect) = \$396,762

Net Fiscal Impact:

(A) Total Expenses (in \$) = \$326,000

(B) Total Program Revenue (in \$) = \$459,375

(C) Net Program Income (B - A) = \$133,375

(D) Revenue Generated from State General Fund Appropriations (based on FTES) = \$0

(E) Net Income (C) + State GF (D) = \$133,375

**Additions, Deletions and other Changes in Existing Programs:**

None

**Potential Use of non-State Funds:**

Source: CCPE Area of Use: Program support, Development and Marketing

Continuity (expected length of support in years) : Duration of program