

BA IN GEOGRAPHY (METROPOLITAN AREA PLANNING)

In Workflow

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Approval Path

1. Mon, 30 Sep 2019 23:37:25 GMT
Thomas Krabacher (tsk): Approved for GEOG Chair
2. Wed, 02 Oct 2019 23:20:08 GMT
Thomas Krabacher (tsk): Approved for NSM College Committee Chair
3. Thu, 03 Oct 2019 20:53:13 GMT
Shannon Datwyler (datwyler): Approved for NSM Dean

History

1. May 1, 2018 by clmig-jwehrheim
2. Aug 13, 2018 by 212408496
3. Oct 2, 2018 by 212408496

Date Submitted: Tue, 17 Sep 2019 17:16:38 GMT

Viewing: BA in Geography (Metropolitan Area Planning)

Last approved: Tue, 02 Oct 2018 20:24:18 GMT

Last edit: Fri, 11 Oct 2019 16:55:34 GMT

Changes proposed by: Thomas Krabacher (101016405)

Academic Group: (College)

Natural Sciences & Mathematics

Academic Organization: (Department)

Geography

Catalog Year Effective:

2020-2021 Catalog

Individual(s) primarily responsible for drafting the proposed degree major program:

Name (First Last)	Email	Phone 999-999-9999
Thomas Krabacher	krabacherts@csus.edu	916-278-6338

Type of Program Proposal:

Major

Program Change Type:

Non-Substantive

Title of the Program:

BA in Geography (Metropolitan Area Planning)

Designation: (degree terminology)

Bachelor of Arts

Briefly describe the program proposal (new or change) and provide a justification:

The changes add new course options to both the Breadth and Concentration requirement from which students may choose to meet their major requirements; these additions reflect the addition of new course to the programs course offerings as a result of new faculty hires in recent years. The changes do not affect the number of units required for the major.

Objectives of the degree program:

The BA in Geography with a concentration in Metropolitan Area Planning provides students with a broad overview of the field of Geography as a whole, with a particular focus on spatial patterns and the role of transportation in structuring settlements. The concentration provides students with skills for designing cities that address important issues such as sustainability, affordable housing and transportation, a strong civic life, and public health and safety.

University Learning Goals**Undergraduate Learning Goals:**

Competence in the disciplines
 Knowledge of human cultures and the physical and natural world
 Integrative learning
 Personal and social responsibility
 Intellectual and practical skills

Will this program be required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?

No

Do these changes impact the Smart Planner roadmap?

No

Catalog Description:

Units required for Major: 46

Total units required for BA: 120

Program Description

The Bachelor of Arts in Geography with a concentration in Metropolitan Area Planning helps students understand how cities have evolved, with an emphasis on spatial patterns and the role of transportation in structuring settlements. The concentration provides students with skills for designing cities that address important issues such as sustainability, affordable housing and transportation, a strong civic life, and public health and safety.

Note:

- Every candidate must complete **all** of the Geography Core and **one** Concentration.
- Courses *cannot* double count for the core and the concentration.
- Students must take at least **FOUR** courses, with at least one each from Data Analysis and Data Output categories.

As defined by policy <http://www.csus.edu/umannual/acadaff/fsm00010.htm>, a change in units constitutes a substantive change to the program. If your changes constitute a substantive change, please refer back to the "Program Change Type" field above to ensure that "Substantive" is selected.

Program Requirements: (If new courses are being created as part of a new program, it will be useful to propose courses first.)

Program Requirements

Code	Title	Units
Required Lower Division Core Courses (10 Units)		
GEOG 1	Physical Geography: The Distribution of Natural Phenomena ¹	3
GEOG 2	Cultural Geography ¹	3
GEOG 3	Introduction to Maps and Geographic Technologies	3
GEOG 11	Laboratory in Physical Geography	1
Required Upper Division Core Courses (9 Units)		
GEOG 102	Ideas and Skills in Geography	3
GEOG 118	Earth Transformed	3
GEOG 190	Senior Research Seminar in Geography ¹	3
Geography Core (12 Units)		
Select one course from each of the following four areas:		12
<i>Geographic Techniques</i>		
GEOG 105	Computer Cartography	

GEOG 107	Remote Sensing
GEOG 109	Geographic Information Systems
GEOG 110	Advanced Geographic Information Systems
GEOG 150	Programming for GIS
GEOG 151	Geography 151: Programming for GIS II (Course proposal is being submitted concurrently with program change proposal.)
GEOG 163	Applied GIS
GEOG 181	Quantitative Methods in Geography
GEOG 182	Qualitative Methods in Geography
GEOG 193A	Field Geography: Urban-Metropolitan
GEOG 193B	Field Geography: Suburban-Rural
GEOG 193C	Field Geography: Physical
<i>Human Geography</i>	
GEOG 141	Geography of Economic Activity
GEOG 143	Environmental Hazards and Society
GEOG 145	Population Geography
GEOG 147	Urban Geography
GEOG 148	Urban and Regional Planning
GEOG 149	Transportation Geography
GEOG 163	Applied GIS
<i>Physical Geography</i>	
GEOG 111	Elements Of Meteorology
GEOG 113	Climate
GEOG 115	Biogeography
GEOG 116	Global Climate Change
GEOG 117	Landforms
GEOG 161	California's Water Resources
<i>Regional Geography</i>	
GEOG 121	United States and Canada
GEOG 125	Geography Of East Asia
GEOG 127	Geography Of Africa
GEOG 128	Geography Of Europe
GEOG 129A	Special Topics in Regional Geography A
GEOG 129B	Special Topics in Regional Geography B
GEOG 129C	Special Topics in Regional Geography C
GEOG 131	California

Concentrations (18 Units)

Select a concentration from the following:	15
Geographic Information Systems and Analysis Concentration	
Human Geography Concentration	
Metropolitan Area Planning Concentration	
Physical Geography Concentration	
GEOG 182	Qualitative Methods in Geography 3

Total Units 49

¹ Course also satisfies General Education (GE)/Graduation Requirement.

Concentration in Metropolitan Area Planning (15 units)

Code	Title	Units
GEOG 109	Geographic Information Systems	3
GEOG 148	Urban and Regional Planning	3
GEOG 141	Geography of Economic Activity	3
or GEOG 145	Population Geography	
GEOG 147	Urban Geography	3
or GEOG 149	Transportation Geography	
Select one of the following technique elective courses:		3
GEOG 105	Computer Cartography	
GEOG 107	Remote Sensing	

GEOG 110	Advanced Geographic Information Systems	
GEOG 150	Programming for GIS	
GEOG 151	Geography 151: Programming for GIS II (Course proposal submitted concurrent with program change proposal)	
GEOG 163	Applied GIS	
GEOG 181	Quantitative Methods in Geography	
GEOG 182	Qualitative Methods in Geography	
GEOG 193A	Field Geography: Urban-Metropolitan ¹	
GEOG 193B	Field Geography: Suburban-Rural ¹	
Total Units		15

¹ The technique cannot be a field course if a field course was taken for the core.

Additional Recommended Courses

The courses below provide valuable additional knowledge and perspectives for students choosing the MAP concentration:

Code	Title	Units
ECON 132	State and Local Government Finance	3
ECON 180	Urban Economics	3
ENVS 122	Environmental Impact Analysis: CEQA and NEPA	3
GEOG 131	California	3
GEOG 161	California's Water Resources	3
HIST 163	The City in US History ¹	3
HIST 184/ART 118B	California Architecture and Urban History	3
RPTA 154	Management of Recreation Facilities	3

¹ Course also satisfies General Education (GE)/Graduation Requirement.

General Education Requirements¹

Code	Title	Units
Area A: Basic Subjects (9 Units)		
A1	Oral Communication	3
A2	Written Communication	3
A3	Critical Thinking	3
Area B: Physical Universe and Its Life Forms (9 Units)		
B1	Physical Science ²	0
B2	Life Forms	3
B3	Lab (Note: Lab experience to be taken with one of the following: B1, B2 or B5) ²	0
B4	Math Concepts	3
B5	Additional Course (Any B to reach 12 units) - Take upper-division course to complete Area & upper division requirements.	3
Area C: Arts and Humanities (12 Units)		
C1	Arts	3
C2	Humanities	3
C1/C2	Area C Course	3
C1/C2	Area C Course - Take upper-division course to complete Area & upper division requirements.	3
Area D: The Individual and Society (6-9 Units)		
	Area D Course	3
	Area D Course	3
	Area D Course ²	0
	Area D Course - Take upper-division course to complete Area & upper division requirements. ³	0 - 3
Area E: Understanding Personal Development (3 Units)		
	Area E Course	3
Total Units		39-42

¹ To help you complete your degree in a timely manner and not take more units than absolutely necessary, there are ways to use single courses to meet more than one requirement (overlap). For further information, please visit the General Education page (<http://catalog.csus.edu/colleges/academic-affairs/general-education/>).

Note: There is no way to list all possible overlaps so please consult with a professional advisor. The Academic Advising Center can be visited online (<http://www.csus.edu/acad/>), by phone (916) 278-1000, or email (advising@csus.edu).

² Required in Major; also satisfies GE.

³ Students can meet upper division Area D by taking HIST 163 in Additional Recommended Courses.

Graduation Requirements ¹

Code	Title	Units
Graduation Requirements (required by CSU) (6 Units)		
	American Institutions: U.S. History	3
	American Institutions: U.S. Constitution & CA Government	3
	Writing Intensive (WI) ²	0
Graduation Requirements (required by Sacramento State) (12 Units)		
	English Composition II	3
	Race and Ethnicity in American Society (RE)	3
	Foreign Language Proficiency Requirement ³	6

¹ To help you complete your degree in a timely manner and not take more units than absolutely necessary, there are ways to use single courses to meet more than one requirement (overlap). For further information, please visit the General Education page (<http://catalog.csus.edu/colleges/academic-affairs/general-education/>).

Note: There is no way to list all possible overlaps so please consult with a professional advisor. The Academic Advising Center can be visited online (<http://www.csus.edu/acad/>), by phone (916) 278-1000, or email (advising@csus.edu).

² Required in Major; also satisfies Graduation Requirement.

³ If not satisfied before entering Sacramento State, it may be satisfied in General Education Area C2 (Humanities). "C- or better required." The alternative methods for satisfying the Foreign Language Proficiency Requirement are described here: <https://www.csus.edu/wll/flgr/>

Fiscal Impact to Change an Existing Program

Indicate programmatic or fiscal impact which this change will have on other academic units' programs, and describe the consultation that has occurred with affected units:

The changes are expected to have no programmatic or fiscal impact on other academic units' programs since are changes simple involve the Department's own class offerings. As a result no consultation took place.

Provide a fiscal analysis of the proposed changes:

All proposed changes involve currently part of the Department's regularly offered class schedule. The changes will not require the scheduling of additional sections of any of the courses involved with the result that no fiscal impact is anticipated.

How will the above changes be accommodated within the department/College existing fiscal resources?

There are no additional resource needs to be accommodated.

Will the proposed changes require additional resources?

No

What additional space, equipment, operating expenses, library, computer, or media resources, clerical/technical support, or other resources will be needed?

No additional resource needs will be required.

Estimate the cost and indicate how these resource needs will be accommodated:

N.A.

Key: 312