Curriculum Proposal

CSS 19-20 #6

Packet Contents

1.1 Summary

Course Modification

1.2 GEOG 3580/5580 Regional Development Planning (3 credits); prerequisite change

New Program

1.5 Policy and Planning, B.S. major Natural Resources Planning emphasis

1.5 Policy and Planning, B.S. major Urban Resources Planning emphasis

1.13 Signatures
BSU Curriculum Forms

Form 1

Curriculum Modification Summary

College: Individual and Community Health
Department: Center for Sustainability Studies
Proposer: Mark Lawrence
Proposer’s position: Professor
Describe the modification(s) you propose, and how it (/they) will work to students’ advantage. (This description and explanation will be included in Curriculum Report packets forwarded to the Faculty Senate.):

Add a new BS degree in Policy and Planning (derived from the prior Geography B.S. Planning emphasis) that will combine the existing emphases in Geography and Environmental Studies. This major includes emphases for Natural Resources Planning and Urban Resources Planning.

Modifications proposed (specify number of each):
__1__Course Modification(s) (form 2)
_____New Course(s) (form 3)
_____Course Drop(s) (form 4)
_____Program Modification(s) (form 5)
__1__New Program(s) (form 6) (two emphases)
_____Program Drop(s) (form 7)
The modifications affect (check):
_____Liberal Education
_X_Undergraduate Curriculum
_X_Graduate Curriculum
_____Teacher Licensure Program(s)
BSU Curriculum Forms
Form 2
Updated 9.19.15

Course Modification Form

Current Course Number(s):
  Undergraduate: GEOG 3580
  Graduate: GEOG 5580

Proposed Course Number(s), if different:
  Undergraduate: 
  Graduate: 

Current Course Title: Regional Development Planning
Proposed Course Title, if different:

Prerequisite Change Only
Current Course Description: An examination of methods and processes emphasizing contemporary relationships between planners and governments, the private sector, and nongovernmental organizations regarding relationships between regions nationally and internationally, with special attention to environmental sustainability.

Proposed Course Description, if different:

Current Credits: 3
Proposed Credits, if different:

Current Prerequisite(s):
Undergraduate: GEOG 2400, GEOG 3570 and GEOG 3560. Students are strongly recommended to have previously completed GEOG 4265 or to be enrolled in GEOG 4265 concurrently with GEOG 3580.

Graduate: GEOG 2400 and GEOG 3570, and either GEOG 2300 or GEOG 3560. Students are strongly recommended to have previously completed GEOG 5265 or to be enrolled in GEOG 5265 concurrently with GEOG 5580.

Proposed Prerequisite(s), if different:
  Undergraduate: GEOG 2400 or consent of instructor
  Graduate: none

1) Reason(s) for change(s):
   The department feels prerequisites of GEOG 3560 and GEOG 3570 are no longer necessary. GEOG 2400 is the foundational course in this program and makes sense to have it serve as the undergraduate requirement (together with “or consent of instructor”) of GEOG3580: Regional Development Planning.
The graduate prerequisite requirements are being removed “None” since graduate students in a planning program are presumed to have a foundational education already accomplished.

2) May this modified course replace the current course for students remaining in the old curriculum? Yes ___X___ No _____ If not, please drop the current course and submit a new course form for the modification.

3) Do these modifications change any of the following? **For all Yes answers, please provide updated information on the next page.**
   - Student Learning Outcomes Yes _____ No ___X___
   - Major Content Areas Yes _____ No ___X___
   - Projected Maximum Class Size (Cap) Yes _____ No ___X___

4) Current Course fee(s) per student: $
   for:
   Proposed Course fee(s) per student, if different: $
   for:

5) Service Areas:
   This course is a requirement or an elective in the programs/areas listed below. To locate where this course appears please search the online catalog, as follows:
   a) go to [http://www.bemidjistate.edu/academics/catalog/](http://www.bemidjistate.edu/academics/catalog/) and choose the most recent catalog(s),
   b) click on “Areas of Study, and Course Descriptions,”
   c) click on “PDF of Entire Catalog” in upper right,
   d) press Ctrl F, and enter the prefix and number of the course(s) from this form.

   Non-licensure programs:
   Geography, B.S. major GIScience emphasis
   Applied Public Policy minor

   Teacher Licensure programs:
   Liberal Education:

   The above “service area” programs/departments were notified of this modification on __9.16.2020_____ (date) by _______email__________ (mail, email, or phone).

Please check one of the items below:

___X_____ No comments were received from other programs or departments within one week of the notification.
Comments were received within one week of the notification, and are attached.

Hi, Pat-

I have the *déjà vu* feeling I’ve already done this, but here goes again if necessary:

The requirements for GEOG3850: Regional Development Planning (currently part of your Applied Public Policy minor, I believe) are being simplified. They have been as follows: “GEOG 2400 and GEOG 3570, and either GEOG 2300 or GEOG 3560.” They will now be: “GEOG2400” for undergraduates and “none” for the graduate section (GEOG5850).

- Mark Lawrence, Ph.D.
  Professor of Geography
  Center for Sustainability Studies
  Bemidji State University
Form 6
(Updated: 9.15.15)

New Program Form

Type of Program to be established:
- ___M.S.*
- ___M.A.*
- ___Applied Masters**
- ___X_B.S.
- ___B.S./T.L.
- ___B.A.
- ___Minor
- ___Field of Emphasis: Stand Alone
- ___Field of Emphasis in:
- ___Other:

Program name:
- Policy and Planning, B.S. major Natural Resources Planning Emphasis
- Policy and Planning, B.S. major Urban Resources Planning Emphasis

Reason(s) for new program: This program is part of the integration of the Geography, Economics, Geology, and Environmental Studies programs into the Center for Sustainability Studies. The Geography program and the Environmental Studies program each had a policy and planning emphasis as part of the major. It was our intent to eliminate the policy and planning emphasis areas from each degree program and replace it with this stand-alone program to create efficiencies in the department and streamline the curriculum for the benefit of the students.

Student learning outcomes for the program (please use the same format as for other programs in the department):

Learning Goals (Tier-I)
In compliance with the Planning Accreditation Board’s expectations, our degree program targets the following broad ‘Tier-I’ learning goals:

1. The program provides students with foundational knowledge of the historical development of the field of urban and regional planning and the theoretical underpinnings of planning practice. This includes perspective from both the social and natural sciences that relate to planning as an endeavor which comprehensively examines the intersection of persons, places, and the built environment.

2. The program provides students with a general set of planning skills that includes visual, oral, and written communication techniques, quantitative as well as qualitative methodological approaches to gather and critically analyze data, and a general understanding of market economies, governmental processes, and issues of social inclusion in diverse societies.
3. The program allows students to deepen their knowledge in either of two emphasis areas (Natural Resources Planning or Urban Resources Planning).
4. The program exposes students to international learning both in the classroom and through opportunities for internships or project fieldwork outside of the U.S.
5. The program builds leadership skills among students through a curriculum grounded in the theoretical underpinnings of planning, while requiring exposure to the practice of planning through internships and practice-based learning.

Learning Outcomes (Tier-II)
The broad Tier-I goals listed above manifest as the following ‘Tier-II’ learning outcomes through development of competency in the specific skills associated with the Essential Elements of the 1994 National Geography Standards (NGS). The student should be to:

A. ...understand human settlement as it relates to planning by identifying and describing the sociocultural, economic, legal, and environmental structures of urban and regional systems and how these vary spatially across neighborhood, metropolitan, regional, national, and global landscapes.
B. ...understand historical and contemporary planning practice by evaluating new and historic projects to identify patterns of failure and strategies for success.
C. ...possess the skills needed for professional practice by developing coherent solutions to urban and other land-management issues that respect the diverse (and sometimes conflicting) needs of planners, engineers, architects, land developers, elected officials, citizens, and nonhuman stakeholders including using the methods of plan creation, plan adoption, and plan implementation to bring about the greatest public good while mitigating foreseeable negative impacts.
D. ...interpret and develop plans, maps, ordinances, reports, and other professional documentation to communicate effectively with citizens and officials concerning planning issues and solutions.

How will the student learning outcomes be assessed (e.g., major field test, student portfolio, departmental rubric, department-developed examination questions, etc.)?
The faculty will use examination questions, departmental rubrics, student portfolios, etc. to assess the student learning outcomes of this program as part of our standard programmatic assessment (taskstream) workflows.

1 Available here: http://www.geo.hunter.cuny.edu/courses/geog306.04_grande/NationalGeographyStandards.pdf. This means that students who successfully complete the B.S. Policy & Planning degree should be able to understand, explain and apply the NGS-related foundational concepts of The World in Spatial Terms (Essential Element 1), Place and Regions (Essential Element 2), Physical Systems (Essential Element 3), Human Systems (Essential Element 4), Environment and Society (Essential Element 5), and The Uses of Geography (Essential Element 6).
**Note:** If courses from other departments are required for this program, please notify the chairs of those departments.

**ENGLISH**

The home department/program was notified that this new program will require courses from their area: __2.7.2020________ (date) by ____email____________ (mail, email, or phone).

Please check one of the items below:

_____  No comments were received from other programs or departments within one week of the notification.

_x_____  Comments were received within one week of the notification, and are attached.

**Note:** If this is a joint program, the signatures of both department chairs (and both deans, if different colleges) must be provided.

**Alerts:**
- Attach draft catalog copy of proposed program.
- Contact the Assistant Vice-President for Academic Affairs regarding approval downstate (required for all of the above except for a minor where there is an existing major).

* MS/MA Curriculum proposals for graduate programs must indicate how the program addresses these requirements (in the draft catalog copy or elsewhere):
  a. MnSCU 50% rule: At least one-half of the required credits in a master's degree, exclusive of a thesis, capstone, or similar culminating project, shall be credits restricted exclusively to graduate student enrollment.
  b. Competency Requirement
  c. Written ExaminationRequirement

**Applied Master’s Degree must address items a-c above, as well as:**
  d. How the proposed capstone experience meets the capstone requirements/standards listed in the catalog.
Great! Thanks very much.

Mark,

No objections at all.

Mark

Hi, Mark-

Robin Gullickson has asked me to formally contact you with notice that we intend to add ENG 2150 or 3150 to the requirements for our Planning Degree. As you know, our students are in desperate need for proper communication skills in the labor market, so may I assume you’ve no objections here?

Mark Lawrence, Ph.D.
Professor of Geography
Center for Sustainability Studies
Bemidji State University
POLICY AND PLANNING, B.S. major
Natural Resources Planning Emphasis

Required Credits:  51
Required GPA:     2.25

I. Required Core:
COMPLETE THE FOLLOWING COURSES
• GEOG 2400 Introduction to Planning (3 credits)
• GEOG 3231 Introduction to GIS (3 credits)
• GEOG 3550 Site and Resource Analysis in Planning (3 credits)
• GEOG 3580 Regional Development Planning (3 credits)

II. Required Electives:
COMPLETE ONE COURSE FROM THE FOLLOWING COURSES
• GEOG 2100 Introduction to Physical Geography (3 credits)
• GEOG 2200 Introduction to Human Geography (3 credits)
• ENVR 2000 Introduction to Environmental Science (3 credits)
• GEOL 1110 Physical Geology (4 credits)

COMPLETE ONE COURSE FROM THE FOLLOWING COURSES
• ECON 3040 Environmental Economics (3 credits)
  or ENVR 3040 Environmental Economics (3 credits)
• GEOG 3400 Economic Geography (3 credits)

COMPLETE ONE COURSE FROM THE FOLLOWING COURSES
• ECON 3010 Public Economics (3 credits)
• ECON 3230 Benefit Cost Analysis (3 credits)

COMPLETE ONE COURSE FROM THE FOLLOWING COURSES
• GEOG 3226 Cartography (3 credits)
• GEOG 3255 Introduction to Remote Sensing (3 credits)
• GEOG 3232 Intermediate Geographic Information Systems (3 credits)

COMPLETE ONE COURSE FROM THE FOLLOWING COURSES
• GEOG 3125 Weather and Climate (3 credits)
• GEOG 3630 Conservation Biology (3 credits)
• BIOL 3630 Conservation Biology (3 credits)
• GEOG 4130 Biogeography (3 credits)
• GEOG 4140 Landscape Ecology (3 credits)

COMPLETE ONE OF THE FOLLOWING COURSES
• GEOG 3410 Geography of North America (3 credits)
• GEOG 3810 Geography of Europe (3 credits)
• GEOG 3820 Geography of East, South, and Southeast Asia (3 credits)
• GEOG 3840 Geography of Africa (3 credits)
• GEOG 3850 Geography of the Middle East (3 credits)
• GEOG 3860 Geography of Latin America and the Caribbean (3 credits)

COMPLETE ONE OF THE FOLLOWING COURSES
• ENGL 2150 Technical Writing (3 credits)
• ENGL 3150 Writing in the Disciplines (3 credits)

III. Required Capstone Area
COMPLETE THE FOLLOWING COURSES
• ENVR 3880 Environmental Controversies (2 credits)
• ENVR 4880 Senior Seminar (1 credit)
• GEOG/ENVR 4970 Internship (3 credits)
• GEOG/ENVR 4990 Capstone (3 credits)

Natural Resources Planning Emphasis

IV. REQUIRED Emphasis COURSES
COMPLETE THE FOLLOWING COURSES
• GEOG 3532 Political Ecology (3 credits)
• GEOG 3570 Public Lands Planning (3 credits)
• ENVR 4210 Environmental Law and Policy (3 credits)
POLICY AND PLANNING, B.S. major
Urban Resources Planning Emphasis

Required Credits: 51
Required GPA: 2.25

I. Required Core:
COMPLETE THE FOLLOWING COURSES
• GEOG 2400 Introduction to Planning (3 credits)
• GEOG 3231 Introduction to GIS (3 credits)
• GEOG 3550 Site and Resource Analysis in Planning (3 credits)
• GEOG 3580 Regional Development Planning (3 credits)

II. Required Electives:
COMPLETE ONE COURSE FROM THE FOLLOWING COURSES
• GEOG 2100 Introduction to Physical Geography (3 credits)
• GEOG 2200 Introduction to Human Geography (3 credits)
• ENVR 2000 Introduction to Environmental Science (3 credits)
• GEOL 1110 Physical Geology (4 credits)

COMPLETE ONE COURSE FROM THE FOLLOWING COURSES
• ECON 3040 Environmental Economics (3 credits)
or ENVR 3040 Environmental Economics (3 credits)
• GEOG 3400 Economic Geography (3 credits)

COMPLETE ONE COURSE FROM THE FOLLOWING COURSES
• ECON 3010 Public Economics (3 credits)
• ECON 3230 Benefit Cost Analysis (3 credits)

COMPLETE ONE COURSE FROM THE FOLLOWING COURSES
• GEOG 3226 Cartography (3 credits)
• GEOG 3255 Introduction to Remote Sensing (3 credits)
• GEOG 3232 Intermediate Geographic Information Systems (3 credits)

COMPLETE ONE COURSE FROM THE FOLLOWING COURSES
• GEOG 3125 Weather and Climate (3 credits)
• GEOG 3630 Conservation Biology (3 credits)
• BIOL 3630 Conservation Biology (3 credits)
• GEOG 4130 Biogeography (3 credits)
• GEOG 4140 Landscape Ecology (3 credits)

COMPLETE ONE OF THE FOLLOWING COURSES
• GEOG 3410 Geography of North America (3 credits)
• GEOG 3810 Geography of Europe (3 credits)
• GEOG 3820 Geography of East, South, and Southeast Asia (3 credits)
• GEOG 3840 Geography of Africa (3 credits)
• GEOG 3850 Geography of the Middle East (3 credits)
• GEOG 3860 Geography of Latin America and the Caribbean (3 credits)

COMPLETE ONE OF THE FOLLOWING COURSES
• ENGL 2150 Technical Writing (3 credits)
• ENGL 3150 Writing in the Disciplines (3 credits)

III. Required Capstone Area
COMPLETE THE FOLLOWING COURSES
• ENVR 3880 Environmental Controversies (2 credits)
• ENVR 4880 Senior Seminar (1 credit)
• GEOG/ENVR 4970 Internship (3 credits)
• GEOG/ENVR 4990 Capstone (3 credits)

Urban Resources Planning Emphasis

IV. REQUIRED Emphasis COURSES
COMPLETE THE FOLLOWING COURSES (9 credits)
• GEOG 3560 Metropolitan Land Use Planning (3 credits)
• GEOG 3870 Regional Geography - World Cities (3 credits)
• ENVR 3600 Environmental Justice and Sustainability (3 credits)
BSU Curriculum Forms
Form 8
Updated: 09.18.15

Signatures

Mark Lawrence / Professor / (not dated) __________________________________________
Proposer / Title / Date

Carl Isaacson / Center for Sustainable Studies / 9.5.19 _____________________________
Chair or Director / Department or Program / Date
Note: "All departmental recommendations [on curriculum] must be reviewed and
approved by the department's faculty."--IFO/MnSCU Master Agreement

At this point, packet goes to Records Office/Curriculum Coordinator to be logged in
to the Curriculum Proposal Progress Grid.

Joe Ritter / Individual and Community Health / 2.21.19 ____________________________
Dean / College / Date

Note: If proposal is sent back to the Proposer, please notify the Curriculum
Coordinator. If approved, packet goes to Academic Affairs Office.
SUGGESTED SCHEDULE FOR GEOGRAPHY POLICY AND PLANNING, B.S.
27 October 2020

The following is a list of Geography Policy and Planning major courses arranged by year. This suggested schedule is intended to help students plan their courses in an orderly fashion. Some courses or course sequences may appear more than once. Geography majors and minors are strongly encouraged to meet with advisors in the Geography program prior to selecting courses as all courses are not offered each year.

Freshman

- GEOG 2100 Introduction to Physical Geography (3 credits)
- GEOG 2200 Introduction to Human Geography (3 credits)
- GEOG 2400 Introduction to Planning (3 credits)
- GEOG 3231 Introduction to Geographic Information Systems (3 credits)
- GEOG 3400 Economic Geography (3 credits)
- ENVR 2000 Introduction to Environmental Science (3 credits)
- GEOL 1110 Physical Geology (4 credits)
- Liberal Education requirements

Sophomore

- GEOG 3232 Intermediate Geographic Information Systems (3 credits)
- GEOG 3255 Introduction to Remote Sensing (3 credits)
- Regional Courses (select 4)
  - GEOG 3410 Geography of North America (3 credits)
  - GEOG 3800 Regional Geography (1-3 credits)
  - GEOG 3810 Geography of Europe (3 credits)
  - GEOG 3820 Geography of East, South, and Southeast Asia (3 credits)
  - GEOG 3840 Geography of Africa (3 credits)
  - GEOG 3850 Geography of the Middle East (3 credits)
  - GEOG 3860 Geography of Latin America and the Caribbean (3 credits)
- GEOG 3550 Site and Resource Analysis in Planning (3 credits)
- ECON 3010 Public Economics (3 credits)
- ECON 3230 Benefit Cost Analysis (3 credits)
- ENGL 2150 Technical Writing (3 credits)
- ENVR 3600 Environmental Justice and Sustainability (3 credits)
- ENVR 3880 Environmental Controversies (2 credits)
- ENVR 4210 Environmental Law and Policy (3 credits)
- Complete Liberal Education requirements

Junior
• GEOG 3125 Weather and Climate (3 credits)
• GEOG 3226 Cartography (3 credits)
• GEOG 3255 Introduction to Remote Sensing (3 credits)
• GEOG 3532 Political Ecology (3 credits)
• GEOG 3560 Metropolitan Land Use Planning (3 credits)
• GEOG 3570 Public Lands Planning (3 credits)
• GEOG 3630 Conservation Biology (3 credits)
• GEOG 3XXX Any Remaining Regional Geography Course
• BIOL 3630 Conservation Biology (3 credits)
• ECON 3010 Public Economics (3 credits)
• ECON 3230 Benefit Cost Analysis (3 credits)
• ECON 3040 Environmental Economics (3 credits)
or ENVR 3040 Environmental Economics (3 credits)

Senior

• GEOG 3XXX Any Remaining Regional Geography Course
• GEOG 3580 Regional Development Planning (3 credits)
• GEOG 3870 World Cities (3 credits)
• GEOG 4130 Biogeography (3 credits)
• GEOG 4140 Landscape Ecology (3 credits)
• GEOG/ENVR 4970 Internship (3 credits)
• GEOG/ENVR 4990 Capstone (3 credits)
• ECON 3010 Public Economics (3 credits)
• ECON 3230 Benefit Cost Analysis (3 credits)
• ENVR 4880 Senior Seminar (1 credit)