

## University of Idaho Bioregional Planning & Community Design Curriculum and Course Requirements

Revision 20080728

### *Required Courses and Studios (19-20 cr)*

- BIOP 520 History of Bioregional and Planning Thought (3 cr)
- BIOP 521 Planning Theory and Ethics (2 or 3 cr)
- BIOP 5XX Planning Methods (to be developed – for now students should take Geog 385, 475, or LARC 495) or equivalent (3 cr)
- BIOP 5XX Local Planning and Growth Management (3 cr)
- BIOP 5XX Planning Studio I (3 cr)(or 4 credits as it is now)
- BIOP 5XX Planning Studio II (includes final project) or BioP 500 Thesis (5 cr)(or 4?)

### *Restricted Electives (15 cr) These courses may overlap with specialization.*

Human Settlements (one course from the following – 2-3 cr)

- GEOG 330 Urban Geography
- GEOG 550 Geography of Development
- ARCH 483 Urban Theory and Issues
- LARC 480 The Emerging Landscape
- GEOG 504 Transportation Systems
- AGEC J577 Land, Natural Resources and Environment

Landscape Dynamics (one course from the following – 2-3 cr)

- FOR 429 Landscape Ecology
- FOR527 Ecology of Forests and Rangelands
- GEOG 520 Land and Environment
- WLF 440 Conservation Biology
- CSS 572 Human Dimensions of Restoration Ecology
- REM 527 Landscape Ecology of Forests and Rangelands

Legal Studies (one course from the following – 3 cr)

- LAW 944 Local Government and Land Use Law
- LAW 942 Water Law
- LAW 947 Environmental Law I
- LAW 949 Indian Law
- POLS 579 Introduction to Environmental Regulation
- POLS 564 Environmental Politics and Policy
- POLS 551 Administrative Law
- POLS 571 Ecological Jurisprudence

Policy, Decision-making, and Social Action Processes (one course from the following – 3 cr)

- POLS 571 Intergovernmental Relations
- POLS 572 Local Government Politics and Policy
- POLS 554 Public Organizational Theory
- AGEC 5XX Regional and Community Economics
- GEOG 340 Business Location Decisions
- ECON 430 Regional/Urban Economics
- POLS 586 Tribal Government

(For Social Action Processes see electives list below)

Advanced Methods or GIS (one course from the following – 3 cr)

GEOG 475 Advanced GIS  
GEOG 390 Geographic Visualization  
GEOG 427 Spatial Decision Support Systems  
PEP 581 Research in Physical Activity, Theory, and Design  
CSS 506, or For 410 Fundamentals of Research  
POLS 556 Governmental Policy and Program Analysis  
GEOG 544 Environmental Assessment  
GEOG 360 Population Dynamics and Distribution  
AGEC 5XX Regional Economic Methods  
GEOG 544 Environmental Assessment

**Specialization** (9 cr). Three courses plus optional thesis credits chosen in consultation with the student's major professor. Courses may be in one department or thematically linked. Credits may overlap with restricted and other electives (*see list of courses below*).

**Additional Electives** (Also see those listed under Specializations or other courses in the course catalogue, in consultation with your major professor)

AGEC 577 Land, Natural Resources and Environment  
AGEC 451 Land and Natural Resource Economics  
AIST/ANTH/SOC 404 Contemporary American Indian Issues  
PHIL 552 Environmental Philosophy  
GEOG 550 Geography of Development  
PHIL 475 Natural Resource Ethics  
PEP 570 Ethical Practice and Communication  
PHIL 556 Religion and the Environment  
LAW 917 Negotiation and Alternative Dispute Resolution  
COMM 434 Advanced Dispute Resolution  
COMM 436 Conflict Mediation  
CSS 486 Public Involvement in Natural Resource Mgt.  
BUS 504 Leadership and Organizational Behavior  
BUS 418 Organizational Design  
POLS 579 Introduction to Environmental Regulation  
LAW 906 Seminar on Natural World Law  
LAW 948 Public Lands Law  
LAW 937 Natural Resource Law and Legal History  
ENVW 582 Natural Resource Policy and Law  
CSS 386 Conservation Management & Planning I II  
CSS 471 Human Dimensions of Ecosystem Management  
ACC 530 Accounting for the Public Sector  
LAW 917 Negotiation and Alternative Dispute Resolution  
POLS 564 Environmental Politics and Policies  
POLS 554 Public Organizational Theory  
POLS 557 Government Budgeting

### Suggested MS Course Sequence

Semester	Core and Restricted Electives	Questions
Fall 1 <sup>st</sup> yr.	<ul style="list-style-type: none"> <li>• BIOP 520 Planning History and Bioregional Thought</li> <li>• GEOG 385 GIS Primer (new BioP Planning Methods, when available)</li> <li>• BIOP 5XX Local Planning and Growth Management (or second year)</li> <li>• Restricted elective (<i>Landscape dynamics or Human settlements</i>)</li> </ul>	3  3  3  3
Spring 1 <sup>st</sup> yr.	<ul style="list-style-type: none"> <li>• AGECE 5xx Local and Regional Economic Development or equivalent</li> <li>• BIOP or LARC Studio One (Planning Skills)</li> <li>• Restricted elective (Law or Policy course)</li> <li>• Specialization</li> </ul>	3  3  3  2
	<ul style="list-style-type: none"> <li>• Internship</li> </ul>	
Fall 2 <sup>nd</sup> yr.	<ul style="list-style-type: none"> <li>• BIOP Studio 2 (Planning Practice and Project)*</li> <li>• GIS choice or second methods course (can be in concentration)</li> <li>• Restricted elective or required course</li> <li>• BIOP 521 Planning Theory and Ethics - Capstone</li> <li>•</li> </ul>	5  3  3  2
Spring 2 <sup>nd</sup> yr.	<ul style="list-style-type: none"> <li>• Restricted elective/specialization</li> <li>• Restricted elective</li> <li>• Specialization</li> <li>• Specialization/elective or Thesis option</li> </ul>	3  3  3  3
	Total Credits	48

## **Areas of Specialization**

BIOP M.S. students must take at least 3 classes (9 cr) in one of five areas of specialization. Students may also design their own specialization in consultation with their major professor. The following are suggested elective courses in each of the specializations. Students may also choose from restricted electives and other courses to meet the requirement, on the approval of their major professor.

### Local and Regional Land Use Planning

- BIOP 5XX Local Planning and Growth Management
- POLS 572 Local Government Politics and Administration or 571 Intergovernmental Relations
- CSS 473 Planning and DM for Watershed Management
- CSS 571 Human Dimensions of Ecosystem Management
- CSS 385 Conservation Planning and Management
- CSS 572 Human Dimensions of Restoration Ecology
- LAW 944 Local Government and Land Use Law and/or 942 Water Law
- A public participation, mediation, dispute management course

### Community Design and Preservation

- LARC 495 Computer-aid Regional Landscape Planning or Geog GIS course
- PEP 532 Health and Community Development
- AARCH 553 Architectural Design VII
- ENVS 555 Environmental Planning
- ARCH \_\_\_ Native American Architecture
- ARCH584 Urban Morphology
- Other Landscape Architecture, Architecture, Civil Engineering and CNR classes

### Community and Economic Development

- AGEC 5XX Regional and Community Economics
- GOEG 340 Business Location Decisions
- AGEC 5xx Regional Economic Methods
- GEOG 409 Rural Development
- GEOG 550 Geography of Development
- CSS 541 Issues of Renewable Natural Resources Industries
- POLS 456 Tribal Government
- POLS J544 Public Organization Theory or J550 Nonprofit Organization and Management
- See other GEOG, BUS and POLS courses listed under restricted electives

### Transportation and Sustainable Infrastructure – (Prerequisites)

- CE 573 Transportation Planning
- CE 474 Traffic Systems Design
- CD 571 Traffic Flow Theory
- CE 574 Public Transportation (if redesigned)
- GEOG 504 Transportation Systems
- GEOG 444 Environmental Assessment
- LAW 947 Environmental Law
- PEP 532 Health and Community Development

GIS and Spatial Analysis (spatial statistics pre-req.)

GEOG 475 Advanced GIS

GEOG 390 Geographic Visualization

GEOG 407 Spatial Analysis and Modeling

GEOG 427 Spatial Decision Support Decision Techniques

GEOG 483 Remote Sensing/GIS Integration

FOR 427 Remote Sensing and the Environment

FOR 375 Air Photo Interpretation and Mapping