**PROGRAM COMPONENT (Group B) OR NON-SUBSTANTIVE MINOR REQUEST FORM**

**Short Form**

**Instructions:** Please use one form for each request/action. Clearly mark all changes using Track Change or strikethroughs for deletions and underlines for additions. Following the approval of the appropriate college curriculum committee, a single representative for the college will e-mail the completed form to the Office of the Provost and Executive Vice President, provost@uidaho.edu for approval and then submission to the Academic Publications Editor in the Registrar’s Office for review by the University Curriculum Committee (UCC).

**Deadline:** This form must be submitted to the Office of the Provost and Executive Vice President by December 15th for inclusion in the next available General Catalog and to be available for scheduling beginning with the next summer semester.

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**Submission Information**

- **College:** Science
- **Department/Unit:** Geography
- **Dept/Unit Approval Date:** 9/28/2015
- **College Approval Date:** 10/23/2015
- **CIP code (Consult Institutional Research):** 45.0701
- **Primary Point of Contact (Name and Email):** John Abatzoglou jabatzoglou@uidaho.edu

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**Program Component Request**

Leave blank if not adding, discontinuing, or modifying a program component which consists of option, emphasis, minor, academic certificate less than 30 credits, or teaching endorsement.

Clearly mark all changes to existing program components by using Track Change or strikethroughs for deletions and underlines for additions.

<table>
<thead>
<tr>
<th>Create New:</th>
<th>Modify:</th>
<th>Discontinue:</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate Level:</td>
<td>Undergraduate Level:</td>
<td>X</td>
<td>Law Level:</td>
</tr>
<tr>
<td>Option:</td>
<td></td>
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<tr>
<td>Emphasis:</td>
<td></td>
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</tr>
<tr>
<td>Minor:</td>
<td>Climate Change</td>
<td></td>
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<tr>
<td>Academic Certificate less than 30 credits:</td>
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<tr>
<td>Teaching Endorsement (Major/Minor):</td>
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</table>
**Overview of Program Component:**
*Provide a brief narrative description*

Intended to show concentrated coursework in the broad area of climate change.

**Program Component Curriculum:**
*Required courses*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geog 313</td>
<td>Global Climate Change</td>
<td>3 cr</td>
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</table>

Choose three of the following courses (9 cr):
- Geog 401   Climatology (3 cr)
- Geog 430   Climate Change Ecology (3 cr)
- Geog 435   Climate Change Mitigation (3 cr)
- Geog 455   Societal Resilience and Adaptation to Climate Change (3 cr)
- Geog 493   Senior Capstone in Geography (3 cr)

An additional six credits chosen from the following (6 cr):
- AgEc 451   Applied Environmental and Natural Resource Economics (3 cr)
- AgEc 477   Law, Ethics, and Environment (3 cr)
- CSS 383    Natural Resource and Ecosystem Service Economics (3 cr)
- Econ 385   Environmental Economics (3 cr)
- EDCI 329   Elementary Science Education (3 cr)
- EDCI 433   Secondary Science Methods (3 cr)
- EnvS 101   Introduction to Environmental Science (3 cr)
- EnvS 225   International Environmental Issues Seminar (3 cr)
- EnvS 483 or EnvS 583   Water and Energy Systems (3 cr)
- EnvS 484   History of Energy (3 cr)
- EnvS 485   Energy Efficiency and Conservation (3 cr)
- For 221    Ecology (3 cr)
- For 235    Society and Natural Resources (3 cr)
- For 326    Fire Ecology and Management (3 cr)
- For 330    Forest Soil and Canopy Processes (4 cr)
- For 426    Global Fire Ecology and Management (3 cr)
- For 462    Watershed Science and Management (3 cr)
- Geog 100, Geog 100L   Physical Geography and Lab (4 cr)
- Geog 301   Meteorology (3 cr)
- Geog 345   Global Economic Geography (3 cr)
- Geog 350   Geography of Development (3-4 cr)
- Geog 410   Biogeography (3 cr)
- Geog 411   Natural Hazards and Society (3 cr)
- JAMM 341   Mass Media Ethics (3 cr)
- JAMM 428   Environmental Journalism (3 cr)
- REM 221    Ecology (3 cr)
REM 429   Landscape Ecology (3 cr)
          Soil 205   The Soil Ecosystem (3 cr)

Courses to total 18 credits for this minor

Name or Degree Change Only Requests
Leave blank if not making a name and/or degree change. This section can be completed for changes to the name of: degree, major, minor, option, emphasis, certificate, teaching endorsement

Current Name:
New Name:
Current Degree:
New Degree:
Other Details:

Financial Impact
This section must be completed

<table>
<thead>
<tr>
<th>Greater than $250,000 per FY:</th>
<th>Less than $250,000 per FY:</th>
<th>X</th>
</tr>
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<tbody>
<tr>
<td>Brief Description of financial impact:</td>
<td>None. The Climate Change Minor is being closed simultaneous with the Climate Change Certificate being created. We expect that the certificate will be more useful to students and thus in greater demand, but the courses required to support the programs will not change, so there is no anticipated financial impact to the change.</td>
<td></td>
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</tbody>
</table>

Rationale and Assessment Information
This section must be completed

Rationale for approval of this request as appropriate; include an explanation of how the department will manage the added workload of the new program component and any relevant assessment information that applies, describe whether the program component, curriculum, and admission requirements remain the same, describe the rationale for a name change or degree designation change:
The Geography Department is seeking to close the Climate Change minor and replace it instead with a Climate Change Certificate. It is hoped that this will be more attractive to students, especially from outside of Geography and Environmental Science.

Distance Education Availability
This section must be completed

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program may be completed via distance education. **If the program component is to be offered via distance education, additional or different formwork may be required.** Contact provost@uidaho.edu for assistance.

The U.S. Department of Education defines distance education as follows:
*Distance education means education that uses one or more of the technologies listed below to deliver instruction to students who are separated from the instructor and to support regular and substantive interaction between the students and the instructor, either synchronously or asynchronously. The technologies may include--*

1. The internet;
2. One-way and two-way transmissions through open broadcast, closed circuit, cable, microwave, broadband lines, fiber optics, satellite, or wireless communications devices;
3. Audio conferencing; or
4. Video cassettes, DVDs, and CD-ROMs, if the cassettes, DVDs, or CD-ROMs are used in a course in conjunction with any of the technologies listed in paragraphs (1) through (3).

Can 50% or more of the curricular requirements of this program component be completed via distance education? Yes* No X

*If Yes, can 100% of the curricular requirements of this program component be completed via distance education? Yes No X

Geographical Area Availability
This section must be completed

Identify the geographical area(s) this program component can be completed in:

<table>
<thead>
<tr>
<th>Location</th>
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<tbody>
<tr>
<td>Moscow</td>
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<tr>
<td>Coeur d’Alene</td>
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<tr>
<td>Boise*</td>
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<td>Idaho Falls*</td>
<td></td>
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<tr>
<td>Other**</td>
<td>Location(s):</td>
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</table>

*Note: Programs offered in regions 3, 4, and/or 5 may require additional formwork from the State Board of Education. Contact the Office of the Provost and Executive Vice President for additional information.

**Note: If Other is selected identify the specific area(s) this program component will be offered.

Office of the Registrar Information

<table>
<thead>
<tr>
<th>Implementation Effective Date:</th>
<th>Summer 2016</th>
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<tbody>
<tr>
<td>Date Received by the Office of the Provost and Executive Vice President:</td>
<td>12/15/15</td>
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<tr>
<td>Date Received by UCC Secretary:</td>
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<td>UCC-16-031b</td>
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<td>General Policy Report Number or Faculty Meeting Date:</td>
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<td>Office of the President Approval Date:</td>
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<td>State Board of Education Approval/Acknowledgement Date:</td>
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