### Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 473L</td>
<td>GIS: Data Creation and Integration Lab</td>
<td>0</td>
</tr>
<tr>
<td>GEOG 573L</td>
<td>GIS: Data Creation and Integration Lab</td>
<td>0</td>
</tr>
</tbody>
</table>

Course Description: Hands-on experience to apply advanced tools and techniques of data creation, data integration, mapping, and spatial analysis in Geographic Information Systems (GIS). It provides basic approaches for solving problems of data integration including format identification, conversion, and spatial registration. Building on the skills and techniques learned in the introductory GIS course or equivalent, it gives a conceptual base to many methods and techniques associated with vector and raster-based spatial analysis including imagery. It provides an examination of the functions and capabilities of ArcGIS Desktop GIS software (including extensions).

GEOG 473L Co-requisite: GEOG 473 GIS: Data Creation and Integration  
GEOG 573L Co-requisite: GEOG 573 GIS: Data Creation and Integration

### Section 2. Review of Course

Will this be a common or unique course? (select the appropriate option below)

- [X] This course will be a unique course. (Go to Section 3.)

### Section 3. Other Course Information

1. Are there instructional staffing impacts?  
   - [X] No, schedule management.  
     Explain: Course already is effectively being taught. The request is have it reclassified it from Instructional Method A (Studio) to R (lecture) and L (laboratory).

2. Existing program in which course will be offered:  
   Geographic Information Sciences

3. Proposed instructional method:  
   L - Laboratory
   
   Provide a brief justification: Geographic information systems courses are normally taught as a lecture and laboratory.

4. Proposed primary delivery:  
   001 – Face to Face

5. Term in which change will be effective:  
   Fall 2015

6. Can this course be repeated for additional credit? No

7. Will the grade for this course be limited to S/U (pass/fail)?  
   - Yes  
   - [X] No

8. Will section enrollments be capped? Yes, 16 maximum per section

9. Will this course be equated (i.e. considered the same course for degree completion) with any other unique or common course in the course database?  
   - Yes  
   - [X] No

10. Is this prefix already approved for your university?  
    - [X] Yes  
    - No

### Section 4. To be completed by Academic Affairs

1. University department code:  
   SGEOG

2. Proposed CIP code:  
   45.0702
   
   Is this a new CIP code for this university?  
   - Yes  
   - [X] No