George Mason University
Graduate Course Approval/Inventory Form

Please complete this form and attach a copy of the syllabus for new courses. Forward it as an email attachment to the Secretary of the Graduate Council. A printed copy of the form with signatures should be brought to the Graduate Council Meeting. Complete the Coordinator Form on page 2, if changes in this course will affect other units.

Please indicate:  __X__ NEW  ____ MODIFY  ____ DELETE

Local Unit:  SCS  
Graduate Council Approval Date:

Course Designation:  CLIM  
Course Number:  759

Full Course Title:  Topics in Climate Dynamics

Abbreviated Course Title (24 characters max.):  Topics in Climate Dynamics

Credit hours:  3  
Program of Record:  CLIM Ph.D.

Repeatable for Credit?  
_X_ T=Yes, within the same term  
_U_ N=Cannot be repeated for credit

Activity Code (please indicate):  _X_ Lecture (LEC)  ____ Lab (LAB)  ____ Recitation (RCT)  
____ Studio (STU)  ____ Internship (INT)  ____ Independent Study (IND)  ____ Seminar (SEM)

Catalog Credit Format  3: 3: 0  
Course Level:  GF(500-600)  ____ GA(700+)  __X__

Maximum Enrollment:  25  
For NEW courses, first term to be offered:  S05

Prerequisites:  Permission of instructor.

Catalog Description (35 words or less):  Covers selected topics in climate dynamics not covered in fixed-content climate dynamics courses. May be repeated for credit with when offered with different content.

For MODIFIED or DELETED courses as appropriate:
Last term offered:  
Previous Course Abbreviation:  
Previous number:

Description of modification:

APPROVAL SIGNATURES:
Submitted by:  
Department/Program:  
College Committee:  
Graduate Council Representative:  
email:  
Date:  
Date:  
Date:  
Date:  

**Approval from other units:**

Please list those units outside of your own who may be affected by this new, modified, or deleted course. Each of these units must approve this change prior to its being submitted to the Graduate Council for approval.

<table>
<thead>
<tr>
<th>Unit Name</th>
<th>It’s Signature:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Graduate Council approval: _______________________________ Date: __________
Graduate Council representative: __________________________ Date: __________
Provost Office representative: _____________________________ Date: __________
Course proposal to the Graduate Council
by
The School of Computational Sciences

1. COURSE DESIGNATION:

CLIM 759 Topics in Climate Dynamics

Prerequisites: Permission of instructor.

Catalog description: Covers selected topics in climate dynamics not covered in fixed-content climate dynamics courses. May be repeated for credit with when offered with different content.

2. COURSE JUSTIFICATION:

Course objectives: The specific objectives of the course will vary from year to year depending on the topics to be addressed.

Course necessity: There are sometimes topics of particular interest to a group of students which are not included in the general curriculum of the Climate Dynamics program. There needs to be a mechanism for teaching courses on these topics as they arise. In the past, such topics were taught as CSI 759, Topics in Earth Systems and Global Change. With the development of a CLIM course sequence for the Climate Dynamics Ph.D. program, it is necessary to offer an analogous CLIM course.

Course relationship to Existing Programs: The proposed course is targeted to students in the Climate Dynamics Ph.D.

Course relationship to Other Existing Courses: This course is the Climate Dynamics analog of CSI 759 Topics in Earth Systems and Global changes. It is designed so that faculty may quickly develop courses that teach topics of special interest which are not covered by the regular curriculum.

3. APPROVAL HISTORY

NA

4. SCHEDULING AND PROPOSED INSTRUCTORS

Time of initial offering: Spring 05

Proposed instructors: To Be Announced

Contact: Dr. Barry A. Klinger
Office: Off-Campus at:
COLA, 4041 Powder Mill Dr., Suite 302
Calverton, MD 20705
Office Phone: (301) 595-7000
E-mail: bklinger@gmu.edu