



# Course Approval Form

For instructions see:  
<http://registrar.gmu.edu/facultystaff/catalog-revisions/course/>

## Action Requested:

<input checked="" type="checkbox"/> Create new course	<input type="checkbox"/> Inactivate existing course		
<input type="checkbox"/> Modify existing course (check all that apply)			
<input type="checkbox"/> Title	<input type="checkbox"/> Credits	<input type="checkbox"/> Repeat Status	<input type="checkbox"/> Grade Type
<input type="checkbox"/> Prereq/coreq	<input type="checkbox"/> Schedule Type	<input type="checkbox"/> Restrictions	
<input type="checkbox"/> Other:			

## Course Level:

<input type="checkbox"/> Undergraduate
<input checked="" type="checkbox"/> Graduate

College/School:	COS	Department:	AOES		
Submitted by:	Barry Klinger	Ext:	3-9227	Email:	<a href="mailto:bklinger@gmu.edu">bklinger@gmu.edu</a>

Subject Code:	CLIM	Number:	799
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(Do not list multiple codes or numbers. Each course proposal must have a separate form.)

Effective Term:	<input type="checkbox"/> Fall	Year	2016
	<input checked="" type="checkbox"/> Spring		
	<input type="checkbox"/> Summer		

Title:	Current	
	Banner (30 characters max w/ spaces)	Master's Thesis in Climate
	New	Master's Thesis in Climate

## Fulfills Mason Core Req? (undergrad only)

<input type="checkbox"/> Currently fulfills requirement
<input type="checkbox"/> Submission in progress

Credits:	<input type="checkbox"/> Fixed	or	
(check one)	<input checked="" type="checkbox"/> Variable	1	to 6

Repeat Status:	<input type="checkbox"/> Not Repeatable (NR)	Maximum credits allowed:	18
(check one)	<input checked="" type="checkbox"/> Repeatable within degree (RD)		
	<input type="checkbox"/> Repeatable within term (RT)		

Grade Mode:	<input type="checkbox"/> Regular (A, B, C, etc.)
(check one)	<input checked="" type="checkbox"/> Satisfactory/No Credit
	<input type="checkbox"/> Special (A, B, C, etc. +IP)

Schedule Type:	<input type="checkbox"/> Lecture (LEC)
(check one)	<input type="checkbox"/> Lab (LAB)
LEC can include	<input type="checkbox"/> Recitation (RCT)
LAB or RCT	<input type="checkbox"/> Internship (INT)

<input checked="" type="checkbox"/> Independent Study (IND)
<input type="checkbox"/> Seminar (SEM)
<input type="checkbox"/> Studio (STU)

## Prerequisite(s):

Degree candidacy, thesis proposal approved by thesis committee, and permission of major advisor or instructor.

## Corequisite(s):

## Instructional Mode:

<input checked="" type="checkbox"/> 100% face-to-face
<input type="checkbox"/> Hybrid: ≤ 50% electronically delivered
<input type="checkbox"/> 100% electronically delivered

## Catalog Copy for NEW Courses Only (Consult University Catalog for models)

Description (No more than 60 words, use verb phrases and present tense)	Notes (List additional information for the course)
Research project in climate science or related topic chosen and completed under the supervision of a faculty member. Resulting thesis acceptable to student's committee and potentially publishable is required for completion.	
Indicate number of contact hours: When Offered: (check all that apply)	Hours of Lecture or Seminar per week: <input type="text"/> Hours of Lab or Studio: <input type="text"/>
<input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Summer <input checked="" type="checkbox"/> Spring	

## Approval Signatures

Department Approval	Date	College/School Approval	Date
If this course includes subject matter currently dealt with by any other units, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.			
Unit Name	Unit Approval Name	Unit Approver's Signature	Date

## For Graduate Courses Only

Graduate Council Member	Provost Office	Graduate Council Approval Date
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For Registrar Office's Use Only: Banner \_\_\_\_\_ Catalog \_\_\_\_\_

revised 6/22/15

## **Course Proposal Submitted to the College of Science Curriculum Committee (COSCC)**

The form above is processed by the Office of the University Registrar. This second page is for the COSCC's reference.  
Please complete the applicable portions of this page to clearly communicate what the form above is requesting.

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**Course Number and Title:** CLIM 799 Master's Thesis in Climate

**Date of Departmental Approval:**

**Reason for the New Course**

Provides master's thesis credit in climate and related scientific topics.

**Relationship to Existing Programs**

Will satisfy thesis requirement for MS in Earth Systems Science.

**Relationship to Existing Courses:**

Currently the Earth Systems Science MS thesis requirement can be satisfied by GEOL 799 or GGS 799, representing research in geology or geographic and geoinformation sciences, respectively. CLIM 799 will provide an analogous research project course for climate science and related subjects such as atmospheric science, physical oceanography, and land-surface processes.

**Semester of Initial Offering:**

Spring 2016

**Proposed Instructors:**

Any AOES faculty member whose research interests are in Climate Dynamics.

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## **Syllabus, CLIM 799 Master's Thesis in Climate**

### **Catalog Description**

Research project in climate science or related topic chosen and completed under the supervision of a faculty member. Resulting thesis acceptable to student's committee and potentially publishable is required for completion.

### **Prerequisites**

Degree candidacy, thesis proposal approved by thesis committee, and permission of major advisor or instructor.

### **Credits**

1-6 credits