### Course Approval Form

**Action Requested:**
- [x] Create new course
- [ ] Inactivate existing course
- [ ] Modify existing course (check all that apply)
  - Title
  - Prereq/coreq
  - Other:
    - Credits
    - Schedule Type
    - Repeat Status
    - Restrictions
    - Grade Type

**Course Level:**
- [ ] Undergraduate
- [x] Graduate

**College/School:** COS

**Department:** AOES

**Submitted by:** Barry Klinger

**Ext:** 3-9227

**Email:** bklinger@gmu.edu

**Subject Code:** CLIM

**Number:** 799

**Effective Term:**
- [x] Spring
- Year 2016

**College/School:** COS

**Department:** AOES

**Submitted by:** Barry Klinger

**Ext:** 3-9227

**Email:** bklinger@gmu.edu

**Title:** Master's Thesis in Climate

**Banner:** Master's Thesis in Climate

**Credits:**
- [ ] Fixed
- [x] Variable
  - [ ] 1 to 6

**Grade Mode:**
- [x] Regular (A, B, C, etc.)
- [x] Satisfactory/No Credit
- [x] Special (A, B, C, etc. +IP)

**Repeat Status:**
- [ ] Not Repeatable (NR)
- [ ] Repeatable within degree (RD)
- [x] Repeatable within term (RT)

**Minimum credits allowed:** 18

**Schedule Type:**
- [ ] Lecture (LEC)
- [ ] Lab (LAB)
- [ ] Recitation (RCT)
- [ ] Internship (INT)
- [ ] Independent Study (IND)
- [ ] Seminar (SEM)
- [ ] Studio (STU)

**Prerequisite(s):**
Degree candidacy, thesis proposal approved by thesis committee, and permission of major advisor or instructor.

**Corequisite(s):**

**Instructional Mode:**
- [x] 100% face-to-face
- [ ] Hybrid: ≤ 50% electronically delivered
- [ ] 100% electronically delivered

**Catalog Copy for NEW Courses Only**

**Description** (No more than 60 words, use verb phrases and present tense)

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.

**Notes** (List additional information for the course)

**Indicate number of contact hours:**

- [x] Hours of Lecture or Seminar per week: __________
- [x] Hours of Lab or Studio: __________

**When Offered:**
- [x] Fall
- [x] Summer
- [x] 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 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


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.
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.

Prequisites

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

Credits

1-6 credits