

GEP Mathematical Sciences Special Topic Shell Offering (MSGE 295)

This form is to be used for submitting a Special Topics shell offering for the Mathematical Sciences GEP category to the Council on Undergraduate Education (CUE)

Course action proposals for a GEP shell offering must provide documentation to show how the course is designed to enable a student to achieve the particular GEP category objectives.

The GEP Mathematical Sciences objectives will provide instruction and guidance that help students to:

1. Improve and refine mathematical problem-solving abilities.
2. Develop logical reasoning skills.

MSGE 295

Department(s)/Program		New GEP Special Topics Offering <input type="checkbox"/>
Special Topic Title: (30 character limit)		Review for 2nd Offering <input type="checkbox"/>
Term to be Offered		
Instructor Name/Title		

SECTION 1: GEP CRITERIA

Instructions:

- At least one of the Instructor's student learning outcomes must be listed under each GEP category objective.
- Achievement of the outcomes must allow students to meet the GEP category objectives.
- Outcomes must illustrate what students will do in order to demonstrate they have achieved the outcome.
- At least one means of evaluation must be listed under each outcome and provide data to allow the instructor to judge how well students have achieved outcomes.
- Student learning outcomes that are relevant to the GEP category objectives must be applied to all course sections.
- For assistance with writing outcomes and list of active verbs using *Bloom's Taxonomy* [\[Click Here\]](#)

List the Instructor's student learning outcomes for the course that are relevant to GEP *Mathematical Sciences Objective 1*:
Obj. 1) Improve and refine mathematical problem-solving abilities.

Measure(s) for above Outcome:

Describe the assessments that will be used to determine if students have achieved the outcome. Including a relevant example assignment/question/prompt is encouraged for clarity.

List the Instructor's student learning outcome(s) for the course that are relevant to GEP *Mathematical Sciences Objective 2*:
Obj. 2) Develop logical reasoning skills.

Measure(s) for above Outcome:

Describe the assessments that will be used to determine if students have achieved the outcome. Including a relevant example assignment/question/prompt is encouraged for clarity.

SECTION 2: REQUISITES AND SCHEDULING

General guidelines:

- GEP Courses should have at least 25% of seats non-restricted (i.e. available to all students).
- GEP Courses should have no more than ONE pre-requisite.
- GEP Special Topics are approved as a one-term offering.
- The course syllabus for all sections must include the GEP *Mathematical Sciences* category designation and GEP student learning outcomes.

Special Topics Term Scheduling:

- List below the course scheduling detail:
 - Meeting time and day(s):
 - Seat count:
 - Room assigned or room preference including needed classroom technology/seat type:
- If this course is to be piggy-backed with a department special topic, list the piggy-backed course prefix/number below. (EX: BIO 295 with NSGK 295)

What percentage of the seats offered will be open to all students? _____ %

- a. If seats are restricted, describe the restriction being applied.
- b. Is this restriction listed in the course catalog description for the course?

List all course pre-requisites, co-requisites, and restrictive statements (ex: Jr standing; Chemistry majors only). If none, state none.

List any discipline specific background or skills that a student is expected to have prior to taking this course. If none, state none. (ex: ability to analyze historical text; prepare a lesson plan)

SECTION 3: ADDITIONAL INFORMATION

Complete the following 3 questions or attach a syllabus that includes this information.

1. Title and author of any required text or publications.

2. Major topics to be covered and required readings including laboratory and studio topics.

3. List any required field trips, out of class activities, and/or guest speakers.

SIGNATURE PAGE FOR MSGE 295

RECOMMENDED BY:

HEAD, DEPARTMENT/PROGRAM

DATE

**For GEP Special Topics Submission Form, follow the standard workflow for approval of a special topic offering in your College which may or may not include review by the College CCC.*

ENDORSED BY:

CHAIR, COLLEGE COURSES & CURRICULA COMMITTEE

DATE

COLLEGE DEAN

DATE

APPROVED BY:

CHAIR, COUNCIL ON UNDERGRADUATE EDUCATION

DATE

DEAN, DIVISION OF ACADEMIC AND STUDENT AFFAIRS (DASA)

DATE

APPROVED EFFECTIVE DATE _____