

**GEOS 488 Undergraduate Research**

**1-3 Credits**

**Student Name:** \_\_\_\_\_ **Student ID#** \_\_\_\_\_

**Semester/Year:**     **Fall** \_\_\_\_\_     **Spring** \_\_\_\_\_     **Summer** \_\_\_\_\_

**Grading System:**    **Letter**             **Pass Fail**

**Faculty Instructor (Print):** \_\_\_\_\_

**Title of Project:** \_\_\_\_\_  
(e.g. *Undergraduate Research in Geochronology*)

**Number of Credits (1-3):** \_\_\_\_\_  
1 credit= ~3 lab hours per week or 1 “in-class” lecture per week per semester

**Project description:**  
Please detail the nature of the work, evaluation criteria for a grade and possible outcomes (products) of the research.

For Example:  
*Undergraduate research in geochronology* (2 credits, P. Layer instructor): Student will participate in various aspects of preparing and analyzing samples as part of an ongoing 40Ar/39Ar research project. There will be some instruction on radiometric dating techniques, mineral separating, and ‘hands-on’ experience with the laser dating system. Students will also participate in the interpretation of data. The grade will be based on: 1. comprehension of basic techniques demonstrated through homework exercises, 2. participation in the laboratory and 3. a paper summarizing their lab experience.

Student’s Signature	Date
Instructor’s Signature	Date
Department Chair’s Signature	Date