

**MATH 2699/4699  
UNDERGRADUATE RESEARCH  
GUIDELINES AND INFORMATION**

**Course Description**

MATH 4699 Undergraduate Research (1 to 12 credit hours) Independent research conducted under the guidance of a faculty member. Level: juniors and seniors.

MATH 2699 Undergraduate Research (1 to 12 credit hours) Independent research conducted under the guidance of a faculty member. Level: freshmen and sophomores.

These two courses vary by the level of the student.

**Registration Information**

1. The student identifies a professor and ideally a topic - possibly general, possibly more specific – under whose guidance the student would like to conduct research.
2. The student asks the professor if he/she is willing to work with him/her on the MATH 2699/4699 Undergraduate Research during a specific term. The student and professor determine the appropriate number of credit hours for the course – usually 3 credit hours.
3. The professor sends a message to [permits@math.gatech.edu](mailto:permits@math.gatech.edu) stating that he/she will work with the student on MATH 2699/4699 Undergraduate Research in a specified term. (For example: This email is to confirm that I will be working with student BBB for MATH 4699 Undergraduate Research, 3 credit hours, Spring 2020.)
4. The student sends a message to [permits@math.gatech.edu](mailto:permits@math.gatech.edu) requesting permit for MATH 2699/4699 including the name of the professor and term. If the professor is outside of the School of Mathematics, the student includes a brief description of the research project and its mathematical content as well as the unit and contact information of the professor.
5. The student will then be issued a permit to sign up for MATH 2699/4699 with that professor as the instructor of the course. The student selects the appropriate number of credit hours when registering – usually 3 hours.
6. The topic, meeting times, and expectations are negotiated between the student and the professor.

**FAQs:**

Can I work with a professor from a unit other than the School of Mathematics?

Yes, provided the scope of the research is mathematical in nature. As noted in item 4 above, the student provides a brief description of the research project.

Can I work with a graduate student?

No. A graduate student cannot be the course instructor for MATH 2699/4699.

I tried to register for MATH 4699 with professor AAA, but it says I need a permit. Will you help me out with this?

See items 3 and 4 above.

When do I register for MATH 2699/4699?

After you have been issued a permit, you may register for the course during Phase I or Phase II registration. Because approvals from several people are involved, you are encouraged to make arrangements early in the registration period or before.

Can I take this course pass/fail?

No. This course must be taken for a letter grade.

Can I use MATH 2699/4699 (3 hours) as a Math Elective toward the BS in Mathematics?

Yes, MATH 2699/4699 can count as a List B Math Elective if the topic of research is appropriate. Your Math Academic Advisor can confirm if the topic of research is appropriate.

Can I use MATH 2699/4699 (3 hours) to count toward my concentration (Applied Math, Probability & Statistics, Discrete Math, or Pure Math)?

Yes, MATH 2699/4699 can count toward your concentration if the topic of research is appropriate. Your Math Academic Advisor can confirm if the topic of research is appropriate.

More questions?

Contact [academics@math.gatech.edu](mailto:academics@math.gatech.edu) or your math academic advisor if you have questions. Please include MATH 2699/4699 in the subject line and include your GTID#.