**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 finds a professor and ideally a topic - possibly general, possibly more specific - that the student would like to research under the guidance of the professor.
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 academics@math.gatech.edu stating that he/she will work with the student on MATH 2699/4699 Undergraduate Research in a specified term. Include name and GTID. (For example: This email is to confirm that I will be working with student BBB for MATH 4699 Undergraduate Research, 3 credit hours, Fall 2017.)
4.  The student sends a message to academics@math.gatech.edu (cc steinbar@math.gatech.edu) requesting a permit for MATH 2699/4699 including the name of the professor, term, and the student’s GTID.
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.
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 above, the student provides a description of the research project.

Can I work with a graduate student?

No. The instructor of record should be a GT faculty member.

I tried to register for MATH 4699 with professor AAA, but it says I need a permit. How do I get a permit to register for MATH 4699 with professor AAA?

See item s 3 and 4 in the guidelines above.

When do I register for MATH 2699/4699?

After a 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.

You can request a permit before the registration period begins.

Can I take this course pass/fail?

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

Can I use MATH 4699 (3 hours) as an Upper Level Math Elective toward the BS in Mathematics (MTH)?

Yes, if the topic of research is appropriate. A maximum of 6 hours can be used as a Math Elective.

Can I use MATH 4699 (3 hours) as one of the courses in a Concentration in the BS in Mathematics (MTH)?

Yes, if the topic of research is appropriate. A maximum of 6 hours can be used as a Math Elective.

Can two or more students work together with a professor?

Yes. Having a “research group” working together can be very productive.

Contact the Mathematics Academic Office ( academics@math.gatech.edu ) if you have questions. Please include MATH 2699/4699 in the subject line. Please include your GTID.

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