

**Department of Mathematical Sciences
Application for Directed Research**

Students in the masters of arts in mathematics program may choose to complete a directed research project as part of the capstone requirement for their degree. Students selecting this option must choose, formulate, and execute the project under the guidance of a faculty member or committee of faculty members. The project may investigate a mathematical sciences or a mathematics pedagogy topic. A final written report and presentation are required. Students choosing the directed research option must earn a total of three hours of MAT 5600 credit.

Student's full name: _____

Title of Project: _____

Institutional Review Board (IRB) / Institutional Animal Care and Use Committee (IACUC) Approval

If your project involves human subjects (these subjects could be your students) you and your advisor(s) must apply for IRB approval/exemption. Consult the website (<http://www.graduate.appstate.edu/orsp/research/irb>) for instructions on obtaining IRB approval/exemption. Similarly, if your project involves animal subjects you and your advisor(s) must apply for IACUC approval. Consult the website (<http://www.graduate.appstate.edu/orsp/research/iacuc/>) for details. If your project requires IRB or IACUC approval/exemption you must fill out the necessary paperwork (found on the website) and submit it to the IRB/IACUC review board. Please include copies of your IRB/IACUC paperwork with this application.

Circle the statement(s) that pertain(s) to your project.

- My project does not involve human subjects or experimental animals.
- My project involves human subjects and I have submitted my request for IRB approval/exemption. I have attached a copy of my request to this application.
- My project involves experimental animals and I have submitted my request for IACUC approval. I have attached a copy of my request to this application.

Consent of Advisor and Committee

The following section should be filled out by the advisor for your directed research project. If you choose to have a committee of up to three members advise your project, the chair of the committee should sign as the advisor and additional committee members should sign as indicated.

I agree to advise the directed research project of _____ and approve the attached directed research outline.

Advisor's Name (please print): _____

Signature:

Additional Committee Member's Name (please print): _____

Signature:

Additional Committee Member's Name (please print): _____

Signature:

