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**Department of Biological Sciences**  
Secondary Application to the Graduate Program

**Instructions: Complete the following application. Send the completed form to Graduate Studies, University of Alabama in Huntsville, 301 Sparkman Drive, Huntsville, AL 35899. Application materials can be emailed to Kimberly Gray, grayk@uah.edu (for domestic students) or Linda Clugstone, linda.clugstone@uah.edu (for international students).**

Name \_\_\_\_\_ Email Address \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_

State/Province \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Telephone: Home ( ) \_\_\_\_\_ Work ( ) \_\_\_\_\_ Cellular ( ) \_\_\_\_\_

Date/Place of Birth \_\_\_\_\_ Male \_\_\_\_ Female \_\_\_\_

Desired Enrollment Date: Fall Term \_\_\_\_\_ Spring Term \_\_\_\_\_

**Select Degree Option:** (check one)

       **Plan I – Master of Science with Thesis**

Students will complete coursework (24 credit hours) and perform original research (a minimum of 6 thesis research credit hours) that will be described in their **thesis**. Students will complete a written examination in the form of an introductory chapter to the thesis and final oral examination (seminar presentation and committee examination of thesis work).

       **Plan II – Master of Science without Thesis**

Students will complete an approved program of coursework (minimum of 33 credit hours), complete a written comprehensive final examination, and write and present a **Master's report** for the supervisory committee. The report is usually in the form of a literature review, or survey about some topic agreed upon with the student's advisor.

**Plan III – Master of Science with Education (Two Choices):**

       **1. Traditional Program-** Students with Alabama Class B certification will complete coursework without specialization in the Department of Biological Sciences (24 credit hours), and in the Department of Education (12 credit hours), complete a written comprehensive final examination, write and present a **Master's report** for the supervisory committee. Graduates will be recommended for Alabama Class A teaching certification.

       **2. Nontraditional Fifth Year Program** - Students with an accredited baccalaureate degree other than teacher education, seeking initial certification (those that do not have a Class B – baccalaureate level teaching certification) will complete coursework in the Department of Education (26 hours, including an internship) and the Department of Biological Sciences (24 credit hours) as well as complete a written comprehensive final examination and write a **Master's report**. Students will also be required to take a one-hour course, "Introduction to Education," prior to admission to the Teacher Education Program. Graduates will be recommended for Alabama Class A teaching certification.

**Select Area(s) of Interest in the Biological Sciences**

- |   |   |
|---|---|
| <input type="checkbox"/> Aquatic Biology          | <input type="checkbox"/> Host-Parasite Interactions |
| <input type="checkbox"/> Biochemistry             | <input type="checkbox"/> Microbiology               |
| <input type="checkbox"/> Cell Biology             | <input type="checkbox"/> Molecular Biology          |
| <input type="checkbox"/> Ecology                  | <input type="checkbox"/> Molecular Microbiology     |
| <input type="checkbox"/> Evolutionary Biology     | <input type="checkbox"/> Physiology                 |
| <input type="checkbox"/> Genetics                 | <input type="checkbox"/> Plant Molecular Biology    |
| <input type="checkbox"/> Genomics/Transcriptomics | <input type="checkbox"/> Structural Biology         |

Other Area(s) not checked above \_\_\_\_\_

**Please indicate the name(s) of faculty you would like to perform research with (for Plan I and II option only):**

\_\_\_\_\_

## **Academic/Professional Background Information**

List any of the following. You may attach additional sheets if necessary.

**Awards:**

**Laboratory Experience:**

**Publications:**

**Research, Teaching, Industry, Technical, Professional Experience:**

**Provide a comprehensive statement of purpose. *Include a description of your research interests, background training, and career plans. Explain why you selected UAH for your graduate education.***