A minimum of 30 Semester Hours of graduate credit (courses numbered 6000+) are required in total while enrolled as an Ed.S. student at UGA. The guidelines for numbers of courses and hours in each of the first four categories below are stated in terms of cumulative work across all graduate degrees at all institutions.¹

Ed.S. students should already hold Clear Renewable T-5 teacher certification, although not necessarily in a Secondary Science field.

1. **Science Content courses** (5 courses; 15 hours total)²

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   - - - - -
   - - - - -
   - - - - -

2. **Curriculum and Instruction (primarily in Science Education)** (6 courses; 18 hours total)³

   - - - - -
   - - - - -
   - - - - -
   - - - - -
   - - - - -

3. **Educational Psychology** (3 courses; 9 hours total)

   - - - EPSY
   - - - EPSY
   ______ EPSY

4. **Educational Research** (3 courses; 9 hours total)

   - - - ESCI 6990 (highly recommended) or any ERSH, STAT, or QUAL course
   ______ [any ERSH or QUAL course and/or prior master’s-level]
   ______ [any ERSH or QUAL course and/or prior master’s-level]

5. **Electives** (2 courses; 6 hours, or as many as needed for a grand total of 30 hours)

   Elective courses should be selected by the student in consultation with the Major Professor, and may be in any field judged relevant to the student’s career in science education.

   ______
   ______

6. **Final Project⁴**

   (1 course, 3 hours)

   ______ ESCI 7650
In accordance with UGA Graduate School rules:

• Transfer credit from another institution is limited to 6 hours, with grades of B or higher.
• A maximum of 9 hours of coursework initially taken on a non-degree basis at UGA may be applied to degree requirements.
• A student must be registered for at least 3 hours during the semester in which requirements for the degree (e.g., research project) are completed. These last 3 hours must be through UGA rather than transferred.
• All students must comply with the Graduate School’s Continuous Enrollment Policy.

1Students already holding a master’s degree in either Science Education or a science content field may have already fulfilled many of these requirements in some categories, and others may have to take a total of more than 30 hours in order to fulfill these requirements. The dashed lines, for instance, indicate parts of these requirements that should already have been fulfilled by students holding a recent M.Ed. in Science Education from UGA. Such courses, however, do not count towards the minimum required total of 30 hours as an Ed.S. student at UGA and should not be included on the Program of Study document submitted to the Graduate School.

2Full-time students are encouraged to enroll in substantively advanced coursework in science fields related to their undergraduate major. Such courses are only very rarely available at UGA in Summer Semester and/or during evening hours, however, and therefore are often difficult or impossible to schedule for students holding a full-time teaching job. Therefore part-time students most often enroll in Summer, evening, or online courses, having few or no prerequisites yet carrying graduate credit, in science fields in which their background is relatively weak.

   Note that the highly popular Georgia Shore Program, a Summer Teacher Workshop offered through the UGA Marine Extension Service, carries ESCI credit (under the course numbers 6220 and 6230; see below) but can be considered as Science Content courses for the purpose of fulfilling this requirement.

   Advisors are encouraged to use reasonable judgment in considering approval of courses offered at field locations or online by other UGA departments or programs or by other universities or scientific institutions (e.g., in recent years, NASA, Oak Ridge National Laboratory, Woods Hole Oceanographic Institution, American Museum of Natural History). In some cases such substantively appropriate courses/workshops do not carry formal graduate credit from any university, and advisors may choose to offer credit under ESCI 6000 for the student to prepare a final report, project, portfolio, or presentation based on the scientific experience in question.

3Any ESCI courses, or, at the discretion of the Major Professor, courses in other fields within the College of Education, may be used to fulfill this requirement. It is expected that students holding a master’s degree in science education may well elect to take 8000-9000-level (primarily intended for doctoral students) rather than 6000-7000-level courses as part of Ed.S. studies.

4Each student will complete an applied project under the guidance of their Major Professor. This enrollment is required even if the student has prior research experience at the master’s level (e.g., ESCI 7000 and/or 7300 at UGA or comparable experience in another field or at another institution), and is recommended in the semester during which the student expects to graduate.

5All UGA graduate students must register for at least 3 hours of coursework during at least two of the three semesters of each year (operationally defined as beginning in Fall and ending in Summer) until graduation. To cite the two most common practical implications of this rule, it is not permissible to be a “summers only” student (even at the beginning and/or end of a program), and in order to “take the summer off” it is required to have been registered during both of the preceding two academic year semesters.