

GRADUATE SCHOOL

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CERTIFICATE IN GEO-INFORMATION SCIENCE

PROGRAM OBJECTIVES:

The Certificate in Geo-Information Science program is a well-rounded program of five courses that provide a core understanding of Geo-Spatial technologies, hands-on use of GIS software, and a general introduction to GIS problem-solving applications. The courses are conducted on a graduate level, with students gaining an in-depth knowledge of GIS concepts and getting exposure to real-world GIS problems and solutions.

ADMISSIONS REQUIREMENTS:

- A completed application form, available from the Graduate School Office and online, and \$35.00 non-refundable application fee made payable to Salem State College.
- A complete, official transcript documenting the award of a bachelor's degree.
- Official transcripts of any graduate courses taken or degrees held.
- Three completed Reference for Graduate Admission forms. These forms are available with the application. Please include references from people who have known you in both professional and academic capacities. Completed reference forms may have a letter attached to them.
- A 500-1,000-word, double-spaced statement of purpose addressing the following questions:
What factors in your person and professional history have influenced you in the past and now lead you to seek admission to this program at Salem State College?
What are your long-term professional goals, and how will this program help you to meet them?
Is there any other information that you think would help the admissions committee to evaluate your application?
- All students for whom English is not a first language must submit satisfactory scores on the Test of English as a Second Language.
- Approval by the Program Director and Dean of the Graduate School.
- Under special circumstances, students with a lower GPA in their undergraduate program, however with extensive experience in the field may be admitted after a personal interview with the program coordinator.

APPLICATION DEADLINE:

Rolling Admissions

PROGRAM REQUIREMENTS:

You should meet regularly with the program coordinator to discuss your progress. All candidates for this program must complete a minimum of 15 credit hours of graduate course work, as described below:

COURSE REQUIREMENTS: (15 Credits)

All courses are three credits each unless otherwise noted.

- GGR 903 Geographic Information Systems
- GGR 945 Geographic Information System Project Implementation
- GGR 909 Interpretation/Analysis of Remote Sensing Imagery
- GGR 952 Spatial Database Analysis and Development

ELECTIVES:

One Elective that has to be pre-approved by the Program Coordinator

PROGRAM EXIT REQUIREMENTS:

All student must complete this program with a minimum GPA of 3.0 and no more than one C or lower. If a student receives a grade of C or less in more than one course, he/she must repeat the course(s) until this condition is satisfied.

Subsequent to publication of this flow sheet, the Graduate School reserves the right to make changes in courses, program requirements, policies and regulations as circumstances dictate. There is no guarantee that any listed course will be offered in any given semester.
