

APPLICATION FOR GRADUATE CERTIFICATE IN REMOTE SENSING (RS)

Remote Sensing (RS) technologies are applied to a wide-range of fields, such as environmental/resource management, marketing, facility management, agriculture, planning, homeland security and intelligence. In addition, the synergistic linkages between RS technologies and Geographic Information Science (GIS) are increasing. The need for qualified individuals in these fields is growing rapidly. The RS certificate program has been designed to meet this demand.

Certificate application

Please complete, sign and return this application for the Graduate Certificate in Remote Sensing (RS) to Sara Eliason, ESSM graduate academic advisor, skeliason@tamu.edu, after all coursework is completed and at least two months prior to your graduation.

Note! The RS certification will be noted on your official transcript. There is not a paper certificate.

Certificate guidelines

1. Students must be admitted to Texas A&M University as a G6 (non-degree seeking), G7 (master's) or G8 (doctoral) student. (See the Admissions Web site at admissions.tamu.edu.)
2. The program consists of 12 credit hours, including three foundation courses and one elective. Students must choose courses from the approved list on page 2.
3. Students must maintain a 3.0 GPA for all applicable course work.
4. Classes taken for the RS certificate cannot be used in lieu of courses required for the Geographic Information Systems certificate or vice versa.
5. Substitutions/exceptions: Must be submitted to the GIS/RS Graduate Certificate Committee for consideration and acceptance. The letter of petition must include:
 - RS classes taken or in progress;
 - a syllabus for each course to be considered for substitution;
 - the corresponding required course for which substitution is requested; and
 - detailed work experience in applicable field.

For a petition to be considered, it must be completed and returned to Sara Eliason, skeliason@tamu.edu, by October 15 for fall semester or February 15 for spring semester.

6. It is the sole responsibility of the student to complete and submit the Remote Sensing Certificate Application form during the semester of graduation. All coursework for the certificate must be complete (not in progress) when students apply for the certificate.
7. Students must submit the signed certificate application form two months prior to graduation to Sara Eliason, ESSM graduate academic advisor, skeliason@tamu.edu.

This certificate is administered jointly through the departments of Ecosystem Science and Management and Geography. If you have any questions, please contact:

- Sara Eliason, ESSM graduate academic advisor, at 979.862.6470 or skeliason@tamu.edu,
- Spatial Science Lab (SSL) at 979.862.7956, or
- Dr. Andrew Klein, Department of Geography, 979.845.5219 or klein@tamu.edu.

Texas A&M University College of Agriculture and Life Sciences

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STUDENT INFORMATION

NAME: _____ UIN: _____

EMAIL ADDRESS: _____

DEPARTMENT: _____ MAJOR: _____ DEGREE: _____

STUDENT SIGNATURE: _____

COURSES COMPLETED

Course	Credits	Semester/year taken	Grade
Introductory level (one is required)		3	
_____ ESSM 655	Remote Sensing of the Environment	_____	_____
_____ GEOG 651	Remote Sensing for Geographical Analysis	_____	_____
Intermediate level (both are required)		6	
_____ ESSM 656	Advanced Remote Sensing	_____	_____
_____ GEOG 661	Digital Image Processing and Analysis	_____	_____
Specialized GIS courses (one is required)		3	
_____ ATMO 655	Satellite Data in Meteorology	_____	_____
_____ ECEN 642	Digital Image Processing	_____	_____
_____ ECEN 649	Pattern Recognition	_____	_____
_____ GEOG 696	Geomorphology and Remote Sensing	_____	_____
_____ INTA 653	Technical Collection Systems for Int'l Security	_____	_____

TOTAL SEMESTER CREDIT HOURS **12**

Verified by:

Faculty/Staff Person managing certificate

Date

Department Head or Associate Head

Date

Dean or Associate Dean

Date