

USC SCHOOL	Dornsife
ACADEMIC DEPARTMENT	Spatial Sciences Institute
GRADUATE PROGRAM	Human Security and Geospatial Intelligence
POST CODE	1726
TERM EFFECTIVE DATE	Spring 2021

PROGRAM DESCRIPTION

A brief description of the graduate program.

The MS in Human Security and Geospatial Intelligence provides a foundation in geospatial sciences, human security and geospatial intelligence, and the related geospatial technologies to prepare students to launch or accelerate careers in international relations, humanitarian operations, disaster management and response, and many industries. The core, elective and capstone courses cover data collections systems (including remote sensing), analytic methods, GIS management and leadership, and problem-solving.

COMMON BACHELOR DEGREE PROGRAM PATHWAYS

A list of common bachelor's degrees that undergraduate students pursue in advance of pursuing a progressive degree option with this graduate program. Some programs are restricted to certain majors while others are open to all students.

Human Security and Geospatial Intelligence	Geodesign
Political Science	International Relations
ROTC Cadets	Intelligence and Cyber Operations
Law, History and Culture	Urban and Sustainable Planning

PREPARATORY UNDERGRADUATE COURSES

A list of courses at the undergraduate level that prepare students for the graduate program. Required coursework is listed first, followed by recommended courses. If not applicable, this section will be blank.

Dept. Prefix - Course #	Course Title	Required or Recommended	Units
SSCI 301L	Maps and Spatial Reasoning	Recommended	4
SSCI 401L	Geospatial Intelligence	Recommended	4

UNDERGRADUATE COURSES USED TO REDUCE GRADUATE LEVEL UNITS

A list of undergraduate level courses that may be used to reduce the number of graduate level units required for the graduate program. If there are none, that is specified instead.

Dept. Prefix - Course #	Course Title	Units
SSCI 301L	Maps and Spatial Reasoning	4
SSCI 401L	Geospatial Intelligence	4

CORE GRADUATE PROGRAM REQUIREMENTS (# units required)

A list of all required graduate courses for the graduate program. None of these courses may be used toward satisfying undergraduate degree requirements.

If special exceptions for any of these courses are made by the academic department, the course # is marked with an asterisk () and the exception is explained in the "Department Notes" section at the end of this course plan template.*

Dept. Prefix - Course #	Course Title	Units
SSCI 577	Human Security and Disaster Management	4
SSCI 578	The Practice of Geospatial Leadership	4
SSCI 579	Geospatial Intelligence	4
SSCI 581*	Concepts for Spatial Thinking	4
SSCI 585	Geospatial Technology Project Management	4
SSCI 587	Spatial Data Acquisition	4
SSCI 588	Remote Sensing for GIS	4
SSCI 595	Applied Geospatial Intelligence Problem Solving	2

PRE-APPROVED ELECTIVE COURSEWORK

Elective coursework is approved at the discretion of the academic department. Note the following details about the total number and units required of elective coursework.

1	TOTAL ELECTIVE COURSES REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE
4	TOTAL ELECTIVE UNITS REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE

TOTAL UNIT COUNTS AND REQUIRED GRADUATE UNITS

34	TOTAL UNITS REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE
4	TOTAL GRADUATE UNITS THAT MAY BE WAIVED (IF ANY)
30	MINIMUM NUMBER OF GRADUATE UNITS THAT MUST BE AT THE 500 LEVEL OR ABOVE

NOTES FROM THE DEPARTMENT

This section highlights any unique considerations, exceptions, or requirements for the graduate program. If a program has specific restrictions (courses, majors, etc.), they are detailed below.

*Students who complete SSCI 301L: Maps and Spatial Reasoning and SSCI 401L: Geospatial Intelligence may be waived from SSCI 581: Concepts for Spatial Thinking, thereby reducing the total number of units from 34 to 30.

In addition to the required courses listed above, student must choose one elective from the following options:

SSCI 576: Remote Sensing Applications and Emerging Technologies

SSCI 586: GIS Programming and Customization

SSCI 589: Cartography and Visualization

Steven Finkel

4.8.2021

Name of Authorizing Master's Program Dean

Date Approved

College Dean of Graduate and Professional Education

Authorizing Dean's Title