

# REMOTE SENSING AND EARTH OBSERVATION GRADUATE CREDIT CERTIFICATE PROGRAM

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## Certificate Requirements

Requirements listed here are in addition to requirements listed in Graduate Council policy GCAC-212 Postbaccalaureate Credit Certificate Programs (<https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-200/gcac-212-postbaccalaureate-credit-certificate-programs/>).

Students earn the certificate by completing four instructor-led online courses – three required and one elective. Students who successfully complete the program earn 12 academic credits.

Students admitted to the Department of Geography's Master of GIS degree program may count up to 15 credits of certificate program courses toward the M.G.I.S. degree, subject to restrictions outlined in GCAC-309 Transfer Credit (<https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-300/gcac-309-transfer-credit/>). Certificate students who wish to have certificate courses applied towards a graduate degree must apply and be admitted to that degree program. Admission to the M.G.I.S. graduate degree program is a separate step and is not guaranteed.

Code	Title	Credits
<b>Prescribed Courses</b>		
GEOG 480	Exploring Imagery and Elevation Data in GIS Applications	3
GEOG 883	Remote Sensing Image Analysis and Applications	3
GEOG 481	Topographic Mapping with Lidar	3
<b>Electives</b>		
GEOG 589 or GEOG 892	Emerging Trends in Remote Sensing Geospatial Applications of Unmanned Aerial Systems	3
<b>Total Credits</b>		<b>12</b>