The purpose of the graduate certificate in Geodesign is to provide students with a foundation in geospatially-oriented design through investigating interdisciplinary methods and the collaborative nature of the Geodesign process. This program is for current or aspiring practitioners, from a variety of professional backgrounds, employed in government agencies, businesses, and non-profit organizations, who see limitations in how regional and urban planning and design challenges are currently addressed. The program is designed for professional practitioners who wish to advance their careers, and for those seeking to make career changes, while remaining in their current location or maintaining full-time professional responsibilities.

Effective Semester: Summer 2018
Expiration Semester: Spring 2023

Admission Requirements

Applicants apply for admission to the program via the Graduate School application for admission (http://gradschool.psu.edu/prospective-students/how-to-apply). Requirements listed here are in addition to Graduate Council policies listed under GCAC-300 Admissions Policies (http://gradschool.psu.edu/graduate-education-policies). International applicants may be required to satisfy an English proficiency requirement; see GCAC-305 Admission Requirements for International Students (http://gradschool.psu.edu/graduate-education-policies/gcac/gcac-300/gcac-305-admission-requirements-international-students) for more information.

Certificate Requirements

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

The certificate consists of a five-course, 14-credit curriculum that can be completed in one year and is delivered online through the World Campus. Students must earn a “C” or better in each course that is intended to count toward the certificate.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEODZ 511</td>
<td>Geodesign History, Theory, Principles</td>
<td>3</td>
</tr>
<tr>
<td>GEODZ 822</td>
<td>GeoDesign Models I: Evaluation and Decision</td>
<td>3</td>
</tr>
<tr>
<td>GEODZ 824</td>
<td>GeoDesign Models II: Process and Impact &lt;sup&gt;1&lt;/sup&gt;</td>
<td>3</td>
</tr>
<tr>
<td>or GEODZ 826</td>
<td>GeoDesign Models III: Representation and Change</td>
<td></td>
</tr>
</tbody>
</table>

In addition to the 9 required credits specified above, students must select at least 5 credits of GEOG courses at the 400 level or higher; courses must be approved in advance by the student’s adviser. A list of acceptable electives is maintained by the program office.

Total Credits: 14

<sup>1</sup> Students will take one of these two “Models” courses; placement is dependent on previous experience.

Courses

Graduate courses carry numbers from 500 to 699 and 800 to 899. Advanced undergraduate courses numbered between 400 and 499 may be used to meet some graduate degree requirements when taken by graduate students. Courses below the 400 level may not. A graduate student may register for or audit these courses in order to make up deficiencies or to fill in gaps in previous education but not to meet requirements for an advanced degree.

Contact

Certificate Program Head: Eliza Pennypacker
Primary Program Contact: Kelleann Foster
Email: kxf15@psu.edu
Mailing Address: Geodesign Program Office, 121 Stuckeman Family Building, University Park, PA 16802
Telephone: (814) 863-8133
Program Website: Geodesign Graduate Certificate at World Campus (http://www.worldcampus.psu.edu/degrees-and-certificate/geodesign-certificate/overview)