Graduate Certificate: Stormwater Management

COLLEGE OF ENGINEERING

Learn more about the graduate certificate in Stormwater Management.

About the Certificate

The graduate certificate in Stormwater Management requires 12 credits of coursework that foster the student's expertise in addressing the effects associated with stormwater management. Increased stormwater runoff, causing flooding and erosion in urban stream ecosystems, is a growing environmental issue. Students study the effects of urban runoff on stream channels and learn best practices to prevent degradation of ecosystems. This certificate is an excellent fit for professionals or graduates with:

• an undergraduate engineering degree;
• educational or professional background in environmental science, geomorphology, hydrology or stormwater management; or
• professional experience in civil or environmental engineering, stormwater management, or land development.

Up to nine credits may be applied to the Environmental Engineering MSEnvE.

Campus Location: Main

Full-Time/Part-Time Status: The graduate certificate is completed on a part-time basis. NOTE: International students may not be eligible to apply for a student visa based on admission to the certificate program. Please contact the College of Engineering's admissions advisor for more information.

Time Limit for Certificate Completion: 3 years

Admission Requirements and Deadlines

Application Deadline:

Fall: June 1
Spring: November 1

International students may not be eligible to apply for a student visa based on admission to this certificate program.

APPLY ONLINE to this graduate program.

Bachelor's Degree in Discipline/Related Discipline: All applicants must present credentials that are the equivalent of the appropriate baccalaureate degree at Temple University.

Certificate Requirements

Number of Credits Required to Complete the Certificate: 12

Required Courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEE 5641</td>
<td>Urban Streams and Stormwater Management</td>
<td>3</td>
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<td>Select one from the following:</td>
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<tr>
<td>CEE 5621</td>
<td>Engineering Hydrology</td>
<td>3</td>
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<tr>
<td>CEE 5631</td>
<td>Environmental Hydrology</td>
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<tr>
<td>Select two from the following:</td>
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<td></td>
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<td>CEE 5623</td>
<td>Contaminant Dynamics in Urban Streams</td>
<td></td>
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<tr>
<td>CEE 5701</td>
<td>Physical Principals of Environmental Systems</td>
<td></td>
</tr>
<tr>
<td>CEE 5703</td>
<td>Mathematical Modeling</td>
<td></td>
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</tbody>
</table>

Total Credit Hours 12

GPA Required to be Awarded the Certificate: 3.0 minimum
Contacts

Certificate Program Web Address:

Department Information:
Dept. of Civil and Environmental Engineering
ATTN: Stormwater Management Graduate Certificate
1947 N. 12th Street
Philadelphia, PA 19122-6077
gradengr@temple.edu
215-204-7800

Submission Address for Application Materials:
https://apply.temple.edu/ENGINEERING/Account/Login

Department Contacts:
Admissions:
Elizabeth Jung
elizabeth.jung@temple.edu
215-204-7800