## Translational Science Graduate Credit Certificate Program

**Person-in-Charge:** Gail D. Thomas  
**Program Code:** HYTRSC  
**Campus(es):** Hershey, University Park

The primary goal of this certificate is to provide a formal, structured program that allows medical and health care professionals, those wanting to enter the area of health care research, and graduate students seeking a career in a health care related discipline to develop or enhance a successful career in translational science.

**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 (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 curriculum includes courses in 4 specific translational science clusters. Students are required to complete 15 credits, including a 10 credit core of required 500-level courses and 5 elective credits. Courses must be selected from the detailed curriculum, or by permission in advance from the certificate director. Courses are available at the Hershey and University Park Campuses enabling the student to continue employment activities or graduate school programs. Students must obtain a B or better in each course.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td><strong>Required Courses</strong></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td><strong>Select one of the following:</strong></td>
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<tr>
<td>PHS 520</td>
<td>Principles of Biostatistics</td>
<td>3</td>
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<tr>
<td>STAT 500</td>
<td>Applied Statistics</td>
<td></td>
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<tr>
<td>STAT 501</td>
<td>Regression Methods</td>
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<td><strong>Select one of the following:</strong></td>
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<tr>
<td>PHS 550</td>
<td>Principles of Epidemiology</td>
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<tr>
<td>HPA 540</td>
<td>Epidemiological Applications in Health Services Research</td>
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<tr>
<td>STAT 507</td>
<td>Epidemiologic Research Methods</td>
<td></td>
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</tbody>
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### 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

**Campus:** Hershey Med Ctr  
**Graduate Program Head:** Gail Doreen Thomas  
**Program Contact:** Karen P Shields  
Penn State College of Medicine  
P.O. Box 850, MC H147  
Hershey PA 17033  
kpb2@psu.edu  
(717) 531-0003

**Program Website:** View (http://med.psu.edu/translational-science-certificate)
Translational Science Graduate Credit Certificate Program

Campus University Park
Graduate Program Head Gail Doreen Thomas
Program Contact Karen P Shields
600 University Drive
Attn: K.Shields MC 147
Hershey PA 17033
kpb2@psu.edu
(717) 531-0003

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translational-science-certificate)