The certificate in clinical and community outcomes research curriculum consists of five courses and one project for a total of 14 to 15 credit hours. Depending on course load, students may be able to complete course requirements within two years.

### Course Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POP HLTH 709</td>
<td>Translational and Outcomes Research in Health and Health Care</td>
<td>3</td>
</tr>
</tbody>
</table>

### Electives

Select one course from each of the following areas:

- Qualitative Methods Relevant to Clinical and Community Outcomes Research
- Quantitative Methods Relevant to Clinical and Community Outcomes Research

### Project

Select one course from each of the following:

- POP HLTH 990 Research
- I SY E 961 Graduate Seminar in Industrial Engineering

Total Credits: 14-15

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1. The certificate advisor can help students choose courses that qualify as fulfilling these requirements. At least one of the courses must be from outside the student's major. For important details and a list of suggested courses, see "Electives: Certificate in Clinical and Community Outcomes Research," under "Curriculum" on the program website (https://ictr.wisc.edu/T2TRCertificate).

2. See "Project" under "Curriculum" on the program website (https://ictr.wisc.edu/T2TRCertificate).

3. POP HLTH 990 Research is offered through the Health Innovations Program (HIP). AQORN is an informal lunchtime seminar that is open to University of Wisconsin faculty, staff, and students interested in health services research. AQORN meets for 90 minutes, sometimes as frequently as twice a month. At each meeting, someone who has a research project in progress presents information about their project. Then the group discusses and exchanges information and ideas relevant to the project. See the program website (https://ictr.wisc.edu/T2TRCertificate) for course-credit requirements and enrollment procedures.

4. I SY E 961 Graduate Seminar in Industrial Engineering is offered through the Department of Industrial and Systems Engineering. Since I SY E 961 is not offered on a regular basis, the alternative is for a student to sign up for a one-credit independent study with Professor Pascale Carayon (carayon@engr.wisc.edu). The student will be required to watch all of the patient safety seminars (SEIPS—Systems Engineering Initiative for Patient Safety) that have been videotaped over the years. The student will write two one-page summaries of two seminars that are due on the last day of class. The SEIPS seminars are available on the Video Library website (https://videos.med.wisc.edu) > Series > Community Academic Partnership (CAP) Patient Safety.

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### ADMISSIONS

### APPLICATION GUIDELINES

The Institute for Clinical and Translational Research (ICTR) is the administrative home of the certificate in clinical and community outcomes research. Detailed information about the curriculum, admission requirements, application procedures, and student services coordinators is posted on the ICTR website (http://www.ictr.wisc.edu).

Whether a student enrolls in the graduate/professional certificate or capstone certificate program will depend on their educational goals. (Course requirements are the same for all.)

### GRADUATE/PROFESSIONAL CERTIFICATE PREREQUISITES AND APPLICATION AND ENROLLMENT PROCEDURES

Graduate and professional students from any discipline are eligible to apply for enrollment in the graduate/professional certificate program. To be considered for admission, complete the following application procedures.

1. Print and complete the certificate application form (available on the program website (https://ictr.wisc.edu/T2TRCertificate)).
2. Send the completed application to Sharon Schumacher, 5137 Cooper Hall, University of Wisconsin, Madison, WI 53705; scschumache2@wisc.edu.
3. Applications are reviewed on a rolling basis by the certificate advisory committee.
4. Notification of admission to the certificate program: If the student has completed the application procedures described above, notification of the admission decision will be received within three weeks. Students with questions about the status of the application should contact Sharon Schumacher at scschumache2@wisc.edu.
5. After the student is admitted, the certificate advisory committee will review the stated research interests and recommend an advisor. An objective is to match students with an advisor from a discipline other than their own, to expose students to a variety of perspectives. Students will be notified with the name and contact information of their advisor. They should schedule a meeting with the certificate advisor within the first month of the certificate program to identify learning and career objectives, and to discuss the program in relation to student goals.
6. **Note to Ph.D. students**: Ph.D. students may want to start the graduate/professional certificate program early enough to be finished before starting the dissertation because university policy states: “If a dissertator wants to pursue a graduate degree or certificate in another area, the dissertator fee status will be discontinued and regular graduate fees will be assessed, with possible consequences
listed above. See the Graduate School's policy on Dissertator Status (https://grad.wisc.edu/acadpolicy/#dissertationstatus).