IMPLEMENTATION SCIENCE AND COMMUNITY HEALTH OUTCOMES, CAPSTONE CERTIFICATE

People who are interested in solving problems in community health, health services, or health policy, may want to supplement their training with the Capstone Certificate in Implementation Science and Community Health Outcomes.

Current research investments reflect an emphasis on research that looks for ways to translate what has been learned in controlled settings into positive outcomes in clinical practice and community health. This research requires the ability to:

• consider multiple factors that interact to influence a community or organization;
• form and manage research partnerships with communities and organizations;
• evaluate whether a health intervention or prevention method works or will be used; and
• articulate policy implications of health issues and interventions.

The Capstone Certificate in Implementation Science and Community Health Outcomes focuses on the development of these skills.

Depending on a student’s course load, requirements can be completed in two to three years. The certificate requirements are flexible in that you may propose qualifying courses to be considered as elective credit. All courses are face-to-face and taught on the UW–Madison campus during weekdays.

Further detail, including tuition and costs, is available at the Clinical & Community Outcomes Research website (https://ictr.wisc.edu/documents/clinical-and-community-outcomes-ccor-certificate-application/) or by contacting the institute which hosts the program:

Institute for Clinical and Translational Research
University of Wisconsin–Madison
2112 Health Sciences Learning Center
750 Highland Ave., University of Wisconsin, Madison, WI 53705
info@ictr.wisc.edu
608-263-1018

APPLICATION STEPS
A complete application includes the following:

1. An online application for admission (https://acsss.wisc.edu/apply/) as a University Special student. On your application, select UNCS Capstone Certificate and the program: Implementation Science and Community Health Outcomes. This application is received and processed by Adult Career and Special Student Services (ACSSS). The final admission decision is made by the Institute for Clinical and Translational Research.

2. Submission of the following materials to the capstone certificate program coordinator: Graduate Program Coordinator, Deidre Vincevineus, 750 Highland Ave., University of Wisconsin, Madison, WI 53705, studentinquiry@ictr.wisc.edu:
   • The fillable downloadable program application form (https://ictr.wisc.edu/documents/clinical-and-community-outcomes-ccor-certificate-application/);
   • A photocopy of official transcripts from each college attended;
   • A CV or resume; and
   • If English is not your native language or your undergraduate instruction was not in English, please send your official scores from the Test of English as a Foreign Language (TOEFL) or the Michigan English Language Assessment Battery (MELAB). An admitted Capstone applicant must have a TOEFL (paper-based) test score above 580; TOEFL computer-based test (CBT) score above 237; or MELAB score above 82.

Notification of admission to the capstone certificate program:
• Within three weeks after submitting a complete application, the applicant receives notice of the admission decision. Questions regarding the status of the application should be directed to the certificate program coordinator: Graduate Program Coordinator, Deidre Vincevineus at studentinquiry@ictr.wisc.edu.

ENROLLMENT
Upon admission, the Certificate Faculty Advisory Committee reviews the student’s stated research interests and recommends an advisor. At a meeting with the advisor, the program curriculum will be developed in relation to the student’s learning and career objectives.

The Adult Career and Special Student Services (ACSSS) will assist with enrollment questions (http://continuingstudies.wisc.edu/advising/enroll-special.htm), connecting with other departments and offices on campus, and University policies and procedures (e.g., add, drop, and withdrawal process).

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>
<tr>
<td>Electives</td>
<td>Select one course from each of the following areas: ¹</td>
<td>5–6</td>
</tr>
<tr>
<td></td>
<td>Working with Communities and Implementation Science</td>
<td></td>
</tr>
<tr>
<td>HDFS 872</td>
<td>Bridging the Gap Between Research and Action</td>
<td></td>
</tr>
</tbody>
</table>

¹ Select one course from each of the following areas: Working with Communities and Implementation Science, HDFS 860, or HDFS 872.
JOURN/COM ARTS/LSC 617
Health Communication in the Information Age

HDFS/ED PSYCH/NURSING/SOC WORK 880
Prevention Science

I SY E 417
Health Systems Engineering

I SY E/POP HLTH 703
Quality of Health Care: Evaluation and Assurance

NURSING 702
Health Promotion and Disease Prevention in Diverse Communities

NURSING 761
Health Program Planning, Evaluation, and Quality Improvement

OTM 753
Healthcare Operations Management

OTM 758
Managing Technological and Organizational Change

OTM 770
Sustainable Approaches to System Improvement

S&A PHM 652
Pharmacist Communication: Educational and Behavioral Interventions

S&A PHM 704
Dissemination, Implementation and Sustainment of Change in Health Services Research

POP HLTH/I SY E 703
Quality of Health Care: Evaluation and Assurance

PUBLHLTH 780
Evidence-Based Decision-Making

SOC/C&E SOC 573
Community Organization and Change

SOC/C&E SOC/URB R PL 617
Community Development

Qualitative Methods Relevant to Implementation Science and Community Health Outcomes

ANTHRO 909
Research Methods and Research Design in Cultural Anthropology

COUN PSY/CURRIC/ED POL/ED PSYCH/ELPA/RP & SE 788
Qualitative Research Methods in Education: Field Methods I

CURRIC/COUN PSY/ED POL/ED PSYCH/ELPA/RP & SE 719
Introduction to Qualitative Research

ELPA 824
Field Research Designs & Methodologies in Educational Administration

NURSING 804
Advanced Qualitative Design and Methods

SOC/ED POL 955
Seminar-Qualitative Methodology

I SY E/PSYCH 859
Special Topics in Human Factors Engineering

POP HLTH 699
Independent Reading

S&A PHM 703
Community Engagement in Health Services Research

Presentation/Video Option

Total Credits 11-13

1
This course can only be taken by students in the Master of Public Health (MPH) program.

2
Students work with their certificate advisor to develop an appropriate project. Students will enroll in an independent study course to complete the project (i.e., FAM MED 699, KINES 699, SOC WORK 799, OBS&GYN 699, NURSING 999, or I SY E 699).

3
Students will sign up for 2 credits of independent study with Dr. Edmond Ramly.

4
Students will sign up for 1 credit of independent study with Dr. Heidi W. Brown. Permission to enroll required.

5
Students enroll in 1 credit of independent study with their certificate advisor. For details about the Presentation/Video Option for the seminar, contact the certificate coordinator.

MINIMUM REQUIREMENTS FOR CAPSTONE CERTIFICATE COMPLETION

- Students must earn a minimum grade of C in each course used to meet Capstone Certificate requirements.
- Courses in which a student elects the pass/fail or audit option will not count toward completion of Capstone Certificate requirements.
- All of the Capstone Certificate credits must be earned “in residence” (which includes on campus and distance-delivered courses) at UW-Madison.
- All of the Capstone Certificate credits must be earned while enrolled in the Capstone Certificate program.

Individual Capstone Certificate programs may have additional requirements for completion, which will be listed above as/if applicable.

LEARNING OUTCOMES

1. Develop a research question about a health concern of an actual community.
2. Select an evidence-based approach to addressing the health concern.
3. Involve investigators from two or more disciplines and/or stakeholders from two or more sectors as partners in the project.

4. Demonstrate an understanding of collaboration skills for sustainable partnerships, e.g., benefits to the community partner(s) are built into the project; evidence of partner input to project design.

5. Employ data gathering and analysis methods that respect community partners’ organizational culture, values, staffing, and work flow.