

# CLINICAL INVESTIGATION, DOCTORAL MINOR

Doctoral students in engineering, nursing, veterinary medicine, and other disciplines can declare a focus in Clinical and Translational Science (<https://ictr.wisc.edu/documents/gpci-minor-declaration-form/>) by earning the doctoral minor in Clinical Investigation to learn about applications of research to clinical disciplines. The minor provides students with foundational training in interdisciplinary clinical research, while emphasizing a scientific area of graduate study.

Students should be aware that:

- No course that counts for the major can also count for the minor. Frequently this means that students have to take two ethics courses—one for the major and one for the minor. The point of the minor focus is to add breadth to the student's coursework.

**Important Note:** For students who are funded by the TL1 Predoctoral Training Program, the minor requires additional training as described on the TL1 website (<https://ictr.wisc.edu/career-development-awards-2/>).

## ADMISSIONS

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All graduate students must utilize the Graduate Student Portal in MyUW to add, change, or discontinue any doctoral minor. To apply to this minor, please log in to MyUW, click on Graduate Student Portal, and then click on Add/Change programs.

Students should also submit a form (<https://ictr.wisc.edu/documents/gpci-minor-declaration-form/>) to declare the doctoral minor in Clinical Investigation. The program director will review your application for admittance, and reach out to you if there are any further questions.

## REQUIREMENTS

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The minor requires 9 credits. Note: For students who are funded by the TL1 Predoctoral Training Program, the minor requires additional training as described on the TL1 website (<https://ictr.wisc.edu/career-development-awards-2/>).

Code	Title	Credits
<b>Required Courses</b>		
Students complete the following course:		
B M I/STAT 542	Introduction to Clinical Trials I	
<b>Clinical Translational Science Requirement</b>		
Students select one of the following courses to complete this requirement:		
B M I 544	Introduction to Clinical and Healthcare Research II	
B M I 773	Clinical Research Informatics	

POP HLTH/ SOC 797	Introduction to Epidemiology
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### Research Design Science Requirement

CTS, stat, or methods courses. Students complete 3-credits to fulfill this requirement. Course must note 50% graduate student attribute. Possible course selections are listed below. For additional options, request approval from the program administrator.

B M I/ POP HLTH 552	Regression Methods for Population Health
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B M I/I SY E 617	Health Information Systems
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B M I/ POP HLTH 651	Advanced Regression Methods for Population Health
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B M I/STAT 741	Survival Analysis Theory and Methods
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B M I/ COMP SCI 771	Learning Based Methods for Computer Vision
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B M I/COMP SCI/ PSYCH 841	Computational Cognitive Science
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NURSING 804	Qualitative Design and Methods
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ED PSYCH/ COUN PSY/ CURRIC/ ED POL/ELPA/ RP & SE 719	Introduction to Qualitative Research
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ED PSYCH 761	Statistical Methods Applied to Education II
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ED PSYCH 771	Test Construction
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## PEOPLE

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Students earning a doctoral degree in related science, with a focus on Clinical and Translational Science (PhD<sup>CTS</sup>) have several faculty mentors to choose from, including but not limited to faculty in the Graduate Program in Clinical Investigation. Please peruse the faculty and their research here (<https://ictr.wisc.edu/graduate-program-in-clinical-investigation/>).