

# Clinical and Translational Science, Certificate

## Academic Plans

### Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

### Clinical and Translational Science, Certificate

Course	Title	Hours
<b>Academic Career</b>		
<b>Any Semester</b>		
Students apply to the Clinical and Translational Science certificate program through a selective process. Acceptance is not guaranteed.		
<b>Hours</b>		<b>0</b>
<b>First Year</b>		
<b>Any Semester</b>		
BIOL:1411 or BIOL:1141	Foundations of Biology or Human Biology: Health Professions	4
Certificate: calculus requirement (prerequisite for admission to Clinical and Translational Science certificate) <sup>a, b</sup>		4
Research: search for mentored scientific research opportunities <sup>c</sup>		
<b>Hours</b>		<b>8</b>
<b>Second Year</b>		
<b>Any Semester</b>		
Certificate: clinical and translational science elective course <sup>d</sup>		2 - 4
Admission Application: apply to the Clinical and Translational Science certificate program on the Early Scholars Certificate in Clinical and Translational Science website <sup>e</sup>		
<b>Hours</b>		<b>2-4</b>
<b>Third Year</b>		
<b>Any Semester</b>		
EPID:4400	Epidemiology I: Principles <sup>f</sup>	3
Certificate: clinical and translational science elective course <sup>d</sup>		2 - 4
<b>Hours</b>		<b>5-7</b>
<b>Fourth Year</b>		
<b>Any Semester</b>		
STAT:3510	Biostatistics <sup>f</sup>	3
URES:3001	Introduction to Translational Research <sup>f</sup>	2
URES:3002	Practicum in Clinical and Translational Science <sup>f</sup>	2

Certificate: clinical and translational science elective course, if needed<sup>d</sup> 2 - 4

**Hours 9-11**

**Total Hours 24-30**

a Choose from MATH:1460, MATH:1550, or MATH:1850.

b Enrollment in math courses requires completion of a placement exam.

c The Office of Undergraduate Research (OUR) maintains resources and position listings on their website.

d Students must earn a total of 6 s.h. in elective courses for the certificate. See General Catalog for a list of approved courses.

e Applicants must fulfill the following requirements by the end of the semester in which they apply: have a cumulative GPA of at least 3.00, have earned a minimum of 45 s.h. of college-level credit, have been engaged in mentored scientific research at the University of Iowa, have completed the necessary prerequisite courses.

f Students must maintain a GPA of at least 3.00 in the certificate's core courses.