

New Program Requirements: CS PhD

Breadth Requirements:

At least three courses in each of the following tracks:
Theory, Systems, Applications.

Attend 30 department colloquia, doctoral oral presentations, and/or master's thesis presentations.

Program of Studies:

Total 90 credit hours

- Regular Course Work: 51 to 63 credit hours
 - At most 9 credit hours of the following independent study type courses: CSCE896, CSCE897, CSCE898, or CSCE996
 - At most 6 credit hours of CSCE899 (Masters Thesis) can be counted towards regular non-independent study course work
- Directed Doctoral Research Course (CSCE 991): 3 to 9 credit hours
- Dissertation Credits (CSCE 999): 18 to 36 credit hours
- At least 45 credit hours to be completed at UNL

New Program Requirements: CE PhD

Breadth Requirements:

At least three courses from one track, at least three courses from the remaining tracks, two courses for a minor in CS or EE approved from courses not in the tracks: 1: Circuits and Cyber-physical interfaces, 2: Systems, 3: Communications, Networking & Signal processing.

Attend 30 department colloquia, doctoral oral presentations, and/or master's thesis presentations.

Program of Studies:

Total 90 Credit Hours

- Regular Course Work: 51 to 63 credit hours
 - At most 9 credit hours of the following independent study type courses: CSCE896, CSCE897, CSCE898, or CSCE996.
 - At most 6 credit hours of CSCE899 (Masters Thesis) can be counted towards regular non-independent study course work
- Directed Doctoral Research Course (CSCE 991): 3 to 9 credit hours
- Dissertation Credits (CSCE 999): 18 to 36 credit hours
- At least 45 credit hours to be completed at UNL

Directed Doctoral Research course: CSCE 991

At least 3 hours of research (up to 9 credit hours) with chosen supervisor on a topic directly related to the dissertation. This course provides a directed research experience with a faculty advisor as a gateway to doctoral dissertation research.

- This course is a pre-requisite for CSCE 999.

Every PhD student should take this course and pass *before* they take CSCE 999 dissertation credits.

- For a passing grade the student must (a) submit a written report which will be evaluated and graded by the supervisor, and (b) pass the PhD Qualifying Examination.

PhD Requirements Transition Policy:

- All new students starting Spring 2018 follow new requirements.
- Existing students can choose (a) old or (b) new requirements.

If a student chooses (b):

- If she/he has already taken CSCE999 credits *and* has passed the PhD Qualifying exam as of Fall 2017, then she/he need *not* take CSCE991.
- Otherwise, the student has to take at least 3 credit hours of CSCE991 and receive a passing grade before taking any further CSCE999 credits.
- For Spring 2018 only, students can co-register for CSCE991* and CSCE999.

***Important Note:** CSCE991 is not yet ready for Spring 2018. Instead, the students can register in the equivalent *CSCE898 Section 2 - Directed Doctoral Research* course. The credits will be automatically transferred to CSCE991, once that is created.