

Materials linked from the March 4, 2016 Graduate Council agenda.

Civil and Construction Engineering Graduate Program Review

Productivity

● 4- and -8 year graduation rates for master's and doctoral students

- Graduation rate for Master's (4 years rate, cohort based) was 95% in 2009 (Table J). Since the last program review in 2003 there is an 8% increase on Mater's graduation rate.

- Graduation rate for doctoral degree (8 year rate, cohort based) was 71% in 2005. However, there was no additional data beyond 2005 to see the trend on graduation rate for doctoral graduates.

- CCE has a plan to growth its graduate students to 300 to meet the University 2025 strategic plan. The program will grow its graduate students to 100 Ph.Ds. and 200 M.S. and M. Eng. students.

- Attrition in Ph.D. students depends on admission of M.S. and M. ENG students

● Publications or evidence of other scholarly work by students and faculty

- Faculty is currently producing more than three papers on average per year, with students involved 50% of the time.

- Grant and contract received by graduate faculty was 80 (2003/04). There is a substantial increase in grant and contracts revived in 2012/13, which is 137 or 58% increase (Table I).

- CCE faculty also collaborates on multidisciplinary research with faculty in other colleges, e.g. College of Forestry, Wood Science and Engineering.

- Faculty should use the support from the research office on proposal and grant writing to increase their competitiveness to secure funds to support their research and graduate students.

● Student satisfaction with their education and mentoring experience

There is good interaction between graduate students and CCE faculty. Most students say the CCE program prepares them for job and carrier goals they aspire. However, some students express concern and they think, things can be done better by the program. Here are some suggestions by graduate students:

- Students want to see updated list of course to be offered for the year to help them plan their class schedule and prepare their program of study ahead of time.
- CCE qualifying exam should be clearly shown on the CCE website. The Department and Graduate School preliminary exam should be coordinated.
- Students want to know their major advisor when they are admitted to the program.
- International students want to get internship opportunities before they graduate.