**Degree Plan for Master’s Degree (36 hours) in C&I:**

**Concentration in (STEM)**

**Core C&I Courses (9 hours):** All C&I master’s students must take 5320, 5335, and 5380.

* **EDCI 5320** *Curriculum Theory Foundations*
  + Offered every fall and every summer semester.
  + Recommended to be taken within the second or third year of admission
* **EDCI 5335** *Models of Teaching*
  + Offered every fall and every summer semester.
  + Recommended to be taken within the second or third year of admission
* **EDCI 5380** *Action Research I*
  + Offered every spring and every summer semester.
  + Recommended to be taken within the first year of admission

**Core C&I Electives (9 hours):** All C&I master’s students must take three of the following courses:

* **ECTE 5335** *Emerging Pedagogies and Designs*
* **EDCI 5310** *Instructional Theory and Design*
* **EDCI 5321** *Curriculum Theory: Design and Development*
* **EDCI 5330** *Ethics and Education*
* **EDCI 5333** *Improving the Teaching of Thinking*
* **EDCI 5362** *Curriculum and the Media*
* **EDCI 5375** *Creativity in the Curriculum*
* **EDCI/ECTE 5318** *Authentic Curriculum Assessment*
* **EDCI/ECTE 5381** *Action Research II*

**STEM Track Concentration (9 hours):** STEM master’s students select three of the following courses:

* **EDCI 5371** *Curriculum and Instruction in Science and Math Education*
* **EDCI 5372** *Assessment Issues in Science and Math Education*
* **EDCI 5377** *Technology in Science/Math Education*
* **EDCI 5374** *Incorporating Engineering Design Processes in Science and Math Education*
* **EDCI 5373** *Designing Project-Enhanced Environments for Science and Mathematics*
* **EDCI 5378** *High Cognitive Demand Tasks in Mathematics and Science Classrooms*

**Elective Courses (9.0 Hours):** STEM master’s students take three 5000 or higher courses:

* If you elect for the thesis option, your 9.0 hours of electives ***are thesis research hours.***
* You may select additional STEM track concentration courses for your elective hours.
* Many elective courses may be only offered in the Long Semesters, so plan accordingly.