PH.D. in Computer Engineering

☐ Computer Systems (CS)  ☐ Electrical Engineering (EE)

6 Core Credits + 42 Elective Credits + 0-6 Reading and Conf. + 12-18 Research + 12 Dissertation + 0-12 Electives = 84 Credit Hours

6 Credit Hours Core Courses

☐ CEN 501 Computer Systems I  Semester:__________ Year:__________
☐ CEN 502 Computer Systems II  Semester:__________ Year:__________

42 Credit Hours Elective Courses

☐ Select at least 24 credit hours of courses from the CE-Area of Study to provide a breadth of knowledge in CE to support an extensive research and dissertation experience. Selection of CE-Area courses must satisfy the following constraints:

Select at least 12 credit hours of courses noted with M* or D* from the CE-Areas of Study.
Only 6 credit hours can be courses noted with M*in the CE-Areas of Study.

- M*or D* Course ____________ Area ________________ Semester:__________ Year:__________
- M*or D* Course ____________ Area ________________ Semester:__________ Year:__________
- D* Course ____________ Area ________________ Semester:__________ Year:__________
- D* Course ____________ Area ________________ Semester:__________ Year:__________

Remaining credit hours can be other courses from the CE-Areas of Study (No M* Courses)

- Course ____________ Area ________________ Semester:__________ Year:__________
- Course ____________ Area ________________ Semester:__________ Year:__________
- Course ____________ Area ________________ Semester:__________ Year:__________
- Course ____________ Area ________________ Semester:__________ Year:__________

☐ Select at least 18 credit hours of Science, Engineering, or Mathematics courses, in consultation with your graduate faculty advisor, that are intended to provide a level of breadth and depth in basic science and analytical methods well beyond that required for the Masters level.

- Course ____________ Semester:__________ Year:__________
- Course ____________ Semester:__________ Year:__________
- Course ____________ Semester:__________ Year:__________
- Course ____________ Semester:__________ Year:__________
- Course ____________ Semester:__________ Year:__________
- Course ____________ Semester:__________ Year:__________

CE Areas of Study

VLSI and Architecture – VLSI & A
Distributed, Dependable and Secure Systems – DDSS
Embedded Control Systems – ECS
Multimedia and Signal Processing - MSP
Communications and Networks – CN
Systems Optimization – SO
Reading and Conference

□ At most 6 credit hours of CEN 790: Reading and Conference
  • CEN 790: Credit Hours ____________

Research

□ At least 12 and at most 18 credit hours of CEN 792: Research
  • CEN 792: Credit Hours ____________

Dissertation

□ 12 credit hours of CEN 799: Dissertation
□ A successful oral dissertation defense

Electives - If needed to meet 84 Credits

• Course ____________ Semester:__________ Year:__________
• Course ____________ Semester:__________ Year:__________
• Course ____________ Semester:__________ Year:__________
• Course ____________ Semester:__________ Year:__________

Overall Credits

□ At least 84 Credits
□ CS: 12 Credits CSE or CEN
□ CS: 6 Credits EEE or CEN
□ EE: 12 Credits EEE or CEN &
□ EE: 6 Credits CSE or CEN
□ CEN 584 Credit Hours (Maximum 2) ________
□ No more than 6 credits 400 level courses
□ No more than 12 credits cross listed courses (5XX/4XX)
□ No more than 12 credits of combined cross listed courses and 400 level courses

If you are planning to apply credits from a previously earned MS degree, please attach the Computer Engineering Transfer Credit Request Form.

Please use this sheet as a guide when filling out the iPOS. After electronic submission of the iPOS please turn in this sheet, along with your iPOS signed by your faculty advisor, to the appropriate Advising Center:
CS - BYENG 225  EE - Goldwater Center 209.

Academic Advisor: ___________________  Faculty Advisor: _____________________

Updated 1/2015 CS