6 Credit Hours Core Courses

Admitted Fall 2015 and Earlier:

☐ CEN 501 Computer Systems I  
Semester:_______ Year:________

☐ CEN 502 Computer Systems II  
Semester:_______ Year:________

OR

Admitted Spring 2016 and Later:

☐ EEE 554 Random Signal Theory  
Semester:_______ Year:________

☐ CSE 551/591 Foundations of Algorithms  
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 (not including core)
- CS: 6 Credits EEE or CEN (not including core)
- EE: 12 Credits EEE or CEN (not including core)
- EE: 6 Credits CSE or CEN (not including core)
- 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: __________________________