

NAME: _____

ASU ID: _____

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

Admit Semester and Year: _____

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
Embedded Control Systems – ECS
Communications and Networks – CN

Distributed, Dependable and Secure Systems – DDSS
Multimedia and Signal Processing - MSP
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: _____
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