PH.D. in Computer Engineering (Computer Systems)

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
☐ CEN 502 Computer Systems II

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.
  ☐ Select at most 6 credit hours from courses noted with M* in the CE-Areas of Study.
  • M* or D* Course ____________ Area ________________
  • M* or D* Course ____________ Area ________________
  • D* Course _____________ Area ________________
  • D* Course _____________ Area ________________

☐ Remaining credit hours can be other graduate courses in Science, Engineering, or Mathematics chosen in consultation with your graduate faculty advisor. (No M* Courses)
  • Course ________________ Area ________________
  • Course ________________ Area ________________
  • Course ________________ Area ________________
  • Course ________________ Area ________________
  • Course ________________ Area ________________
  • Course ________________ Area ________________

☐ 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 ________________
  • Course ________________
  • Course ________________
  • Course ________________
  • Course ________________
  • Course ________________

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
PH.D. in Computer Engineering (Computer Systems)

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

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 ____________
  • Course ____________
  • Course ____________
  • Course ____________

Overall Credits

☐ At least 84 Credits
☐ 12 Credits CSE or CEN
☐ 6 Credits EEE 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

Please use this sheet as a guide when filling out the iPOS. After electronic submission of the iPOS please turn in this sheet to the Advising Center, BYENG 208.

Updated 2/2013 CD