Students may apply for certification into the Bachelor of Science in Computer Engineering degree program after completion of the following courses with a grade of C or better: Chem 105; CptS 121, 122; EE 214; Math 171, 172, 216; Phys 201, 202. Required for certification, apply at advise.eecs.wsu.edu

No courses listed in this schedule of study may be taken on a pass/fail basis. All listed EE and CptS courses, pre-requisites to these courses, and required electives must be completed with a grade of C or better. This policy applies to transfer courses as well as courses completed at WSU.

Requests for transfer credit for EECS courses must include a complete syllabus from the transfer institution.

Course descriptions, including prerequisites, are available in the WSU catalog: http://catalog.wsu.edu.

First Semester 15 credits
- CptS 121 Program Design & Develop 4
- Engl 101 Composition [WRTG] 3
- Chem 105 Chemistry [PSCI] 4
  (1 year HS chem or Chem 101; Math 106 or c//)
- Math 171 Calc I [QUAN] (Prereq Math 108) 4

Second Semester 15 credits
- CptS 122 Data Structures (Prereq CptS 121) 4
- Math 172 Calculus II (prereq Math 171) 4
- Math 216 Discrete (Prereq Math 108 or 202) 3
- Phys 201 Engineering Physics 4
  (Prereq Math 171 with C or better)

Third Semester 15 credits
- EE 214 Logic Circuits 4
  (Prereq CptS 121 or programming course w/ C or better)
- Hist 105 [ROOTS] 3
- Math 273 Calculus III (Prereq Math 172) 2
- Math 220 Linear Algebra (Prereq Math 171) 2
- Phys 202 Engineering Physics 4
  (Prereq Math 172 and Phys 201 both with C or better)

Fourth Semester 17 credits
- EE 261 Electrical Circuits I 3
  (Prereq Math 315 or c//, Phys 202)
- EE 262 Electrical Circuits Lab 1
  (Prereq EE 221; EE 261 or c//)
- EE 234 Microprocessor Systems 4
  (Prereq CptS 122 or EE 221; EE 214)
- Creative & Professional Arts [ARTS] 3
- Math 315 Differential Equations 3
  (Prereq Math 273 & 220 both with C or better)
- CptS 223 Advanced Data Structures 3

Fifth Semester 16 Credits
- EE 311 Electronics 3
  (Prereq EE 214, EE 261; C// in EE 352)
- EE 321 Electrical Circuits II (Prereq EE 261) 3
- EE 324 Fund of Digital Systems (Prereq EE 214) 4
- EE 352 EE Lab II (Prereq EE 311, 321, or c//) 3
- Engl 402/403 or Communication [COMM]
  or Written Communication [WRTG] 3
  (Prereq English 101/105)

Sixth Semester 16 Credits
- EE 334 Computer Architecture (Prereq EE 234) 3
- Biological Science [BSCI] 3
- Stat 360 Probability & Statistics 3
  (Prereq Math 172)
- Engineering Science Elective 1 3
- CptS 360 Systems Programming 4
  (Prereq CptS 223; CptS 260 or EE234)

Seventh Semester 14 Credits
- Approved CPT E Technical Elective 3
- Senior Design Elective 2 3
- EE 415 Design Project Management 2
  (Prereq Senior standing, completion of Econ 101 or 102
  and all required 300 level courses)
- Humanities [HUM] 3
- EconS 101 or 102 [SSCI] 3

Eighth Semester 15 Credits
- Approved CPT E Technical Elective 3
- Approved CPT E Technical Elective 3
- Diversity [DIVR] 3
- EE 302 3
- EE 416 Elec Eng Design [M] [CAPS] 3
  (Prereq EE 415, Engl 402/403)

COMPLETE EXIT INTERVIEW AND SURVEY
→ must be complete for degree to be awarded

COMPLETE WRITING PORTFOLIO
→ after 60 credit hours

Elective courses are listed on the back.
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