NAME: ___________________________________________  ID: ___________________________  New to OSU: __________________________________________
email: ___________________________  Phone number: ___________________________  http://www.ece.osu.edu

**Major:** Electrical and Computer Engineering  **Program of Study:** Computer Engineering  **Degree:** Bachelor of Science in Electrical and Computer Engineering (BSECE)  **Hrs. 128**

**General Education (24 HRS)**

- One GE must be a US Social or Global Diversity Course.
- One GE must be an ETHICS course.

**English & Comm Skills (6 hr)**

- English 1110.xx  3
- 2367 2nd writing 3

**Social Sciences (6 hrs)**

- Only one course per Social Science group may count

**Literature**

- 3

**Visual & Performing Arts**

- 3

**Historical Study**

- 3
- 2nd Hst. Stdy. or Culture & Ideas

**Electives (17 HRS)**

- At least 9 hours of the Technical Electives must be ECE or CSE courses selected from the lists below.
- Must include at least one 5000 level ECE or CSE Technical Elective.
- Up to 8 hours of the Electives may be Directed Electives from the ECE approved list. Directed Electives generally include: courses required for entry into other engineering majors; required and technical elective courses in other engineering majors; pre-med courses, business or entrepreneurship courses; math, statistics, physics and chemistry courses at higher level than required in the ECE core; and other physical science or biological science courses. For physical science or biological science courses a maximum of 7 hours numbered below 2000 may be counted as Directed Electives.

**VLSI (Very Large Scale Integrated Circuits) & Computer Aided Design**

- ECE 5020 (3)

**Microprocessor Based Systems**

- ECE 5465 (3)

**Digital Design and Computer Architecture**

- ECE 5462 (3)

**Computer Networks**

- ECE 5101 (3)
- CSE 3461 (3)

**Signals and Systems**

- ECE 3050 (3)
- ECE 5551 (3)
- ECE 5463 (3)
- ECE 5554 (3)

**Robotics and Control for Automation**

- ECE 5351 (3)
- ECE 5463 (3)
- ECE 5554 (3)
- ECE 5200 (3)
- ECE 5206 (3)
- ECE 5460 (3)

**Numerical Analysis**

- CSE 5361 (3)
- CSE 5241 (3)
- CSE 5242 (3)

**High Performance Computing**

- CSE 5441 (3)

- Database/Algorithms

**Transfer Students:** 30 OSU ECE hrs?  □

**Math & B. Science:** 32 hrs?  □

**Final CPHR:**  □  □  □  □

**Final MGPA:**  □  □  □  □

**OK to Graduate?**  Yes  No

**Program Approved:**  □  □  □  □

**Advisor's Signature**  □  □  □  □

**Date**  □  □  □  □

**CSE DIRECTED ELECTIVES**

**Non-CSE DIRECTED ELECTIVES**

- □  5000-level

**Total CSE Directed Elec.**  ( )

**Total Other ECE TE.**  ( )

**Total Short List TE.**  ( )

**Total ECE & CSE Elec.**  ( )

**Total Non-CSE DE**  ( )

**Total CSE Directed Electives**  ( )

**Total Other ECE Tech Electives**  ( )

**Total Short List Tech Electives**  ( )

**Total ECE & CSE Electives**  ( )

**Total Non-CSE Directed Electives**  ( )

**Non-CSE Directed Electives**  ( )

**CSE Directed Electives**  ( )

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