

Name: _____ ID: _____ New to OSU: _____

email: _____ @ osu.edu Phone number: _____ http://www.ece.osu.edu

CORE (87 HRS)

AU

Bold courses are included in EPHR

SP

Engr (Survey)	1100	1	Engr (Fund. Of Engr II)	1182	2
Engr (Fund. Of Engr I)	1181	2	Math Engr. (Calculus II)	1172	5
Math (Calculus I)	1151	5	Chemistry for Engineers	1250	4
Physics I	1250	5	CSE (Programming C/C++)	1222	3

Yr. 1

Physics II	1251	5	CSE (Foundations I)	2321	3
Math (Linear Algebra)	2568	3	ECE (Discret Time Sig&Sys)	2050	3
ECE (Digital Logic)	2060	3	ECE (Analog Sys&Circuits)	2020	3
CSE (Dev Software I)	2221	4	ECE (Microcontrollers)	2560	2
			CSE (Dev Software II)	2231	4
			CSE (Adv Prog In C)	2451	2

Yr. 2

ECE (Electronics)	3020	3	Stat (Prob&Stat)	3470	3
ECE (Ethics & Prof.)	3080	1	ECE (Electronics Lab)	3027	1
ECE (Adv. Digital Design)	3561	3	ECE (Comp. Arch. Design)	5362	3
ECE (Microcontrollers Lab)	3567	1	CSE (Sys II/OS)	2431	3
Math(Ord&Part Diff Eqns)	2415	3			

Yr. 3

ISE (Engr. Econ.)	2040	2	ECE (Capstone Design II)	4900	3
ECE (Tech. Writing)	3090	1			
ECE (Capstone Design I)	3900	1			<input type="checkbox"/> 4901 syllabus

Yr. 4

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) _____ ECE 5194.08 (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) _____

Robotics and Control for Automation

ECE 3551 (3) _____ ECE 5463 (3) _____ ECE 5554 (3) _____

Digital Signal Processing/Image Processing/Machine Learning

ECE 5200 (3) _____ ECE 5206 (3) _____ ECE 5460 (3) _____

One of ECE 4194.02 or CSE 5523 (3) _____

Numerical Analysis

CSE 5361 (3) _____

Database/Algorithms

CSE 3241 (3) _____ CSE 5242 (3) _____

High Performance Computing

CSE 5441 (3) _____

General Education (24 HRS)

One GE must be a US Social or Global Diversity Course.

One GE must be an ETHICS course. SS or AH

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

Grp 3 _____
Grp 3 _____

Literature

3 _____

Visual & Performing Arts

3 _____

Historical Study

3 _____

2nd Hst. Stdy. or Culture & Ideas

3 _____

CSE DIRECTED ELECTIVES

Total CSE Directed Elec. (_____)

OTHER ECE TECH ELECTIVES

Total Other ECE TE. (_____)

Total Short List TE. (_____)

Total ECE & CSE Elec. (_____)

NON-CSE DIRECTED ELECTIVES

Total Non-CSE DE (_____)

5000-level

Hours Req'd for Degree:	128	Transfer students: 30 OSU ECE hrs? <input type="checkbox"/>
Earned Hours to Date:	_____	Math & B. Science: 32 hrs? <input type="checkbox"/>
Total Proposed Hours:	_____	
Final CPHR:	_____	Final MGPA: _____
OK to Graduate?	Yes No _____	
Program Approved:	_____	
Advisor's Signature	Date	