

Name: \_\_\_\_\_ ID: \_\_\_\_\_ New to OSU: \_\_\_\_\_

email: \_\_\_\_\_@osu.edu Phone number: \_\_\_\_\_

http://www.ece.osu.edu

CORE (85 HRS)	AU	<b>Bold</b> courses are included in EPHR	SP
<b>Engr (Fund. Of Engr I)</b>	1181 2	<b>Engr (Fund. Of Engr II)</b>	1182 2
<b>Math (Engr. Calculus I)</b>	1151 5	<b>Math Engr. (Calculus II)</b>	1172 5
<b>Chemistry for Engineers</b>	1250 4	<b>Physics (Mechanics +...)</b>	1250 5
Engr (Survey)	1100 1	<b>CSE (Programming C/C++)</b>	1222 3
Yr. 1			
<b>Physics (E&amp;M +...)</b>	1251 5	CSE (Foundations I)	2321 3
Math (Linear Algebra)	2568 3	ECE (Intro to ECE II)	2100 4
ECE (Intro to ECE I)	2000 4	ECE (Microcontrollers)	2560 2
CSE (Dev Software I)	2221 4	CSE (Dev Software II)	2231 4
		CSE (Adv. Prog. In C)	2451 2
Yr. 2			
Stat (Prob&Stat)	3470 3	ECE (Comp. Arch. Design)	5362 3
ECE (Electronics)	3020 3	CSE (Sys II/OS)	2431 3
ECE (Adv. Digital Design)	3561 3		
Math(DiffEq&CmplxMath)	2415 3		
ECE (Microcontrollers Lab)	3567 1		
Yr. 3			
ISE (Engr. Econ.)	2040 2	ECE (Capstone Design)	4900 3
ECE (Ethics & Prof.)	3080 1		
ECE (Tech. Writing)	3090 1		
Yr. 4			

**General Education (24 HRS)**

**PRE-ADMISSION CONDITION**  
\_\_\_\_\_ Met

One GE must be a US Social Diversity Course.

One GE must be an ETHICS course. SS  or AH

**English & Comm Skills (6 hr)**  
English 1110.xx \_\_\_\_\_ 3  
2367 2<sup>nd</sup> 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

**2<sup>nd</sup> Hst. Study. or Culture & Ideas**  
\_\_\_\_\_ 3

**ELECTIVES (20 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 11 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) \_\_\_\_\_ ECE 5467 (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**  
ECE 5200 (3) \_\_\_\_\_ ECE 5206 (3) \_\_\_\_\_ ECE 5460 (3) \_\_\_\_\_

**Numerical Analysis**  
CSE 5361 (3) \_\_\_\_\_

**Database/Algorithms**  
CSE 3241 (3) \_\_\_\_\_ CSE 5242 (3) \_\_\_\_\_

**High Performance Computing**  
CSE 5441 (3) \_\_\_\_\_

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**CSE DIRECTED ELECTIVES**

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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 (\_\_\_\_)

Hours Req'd for Degree: \_\_\_\_\_

Earned Hours to Date: \_\_\_\_\_

Total Proposed Hours: \_\_\_\_\_

Final CPHR: \_\_\_\_\_ Final MGPA: \_\_\_\_\_

OK to Graduate? Yes No \_\_\_\_\_

Program Approved: \_\_\_\_\_

Advisor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Transfer students:  
30 OSU ECE hrs?

Math & B. Science:  
32 hrs?