

Name: _____ SSN: _____ New to OSU: _____
email: _____ @ osu.edu Photo Resume

CORE (125 HRS)	AU	<i>Bold</i> courses are included in SPHR	WI	SP
Math 151 5			Math 152 5	Math 153 5
Chemistry 121 5			Physics 131 5	Physics 132 5
Eng 181 3			Eng 183 3	CS&E 221* 4
			En Graph 167* 4	Math 366 3
*EnGraph 167 (EnGraph 167C is preferred) or satisfactory placement exam score required as prereq for CS&E 221. NOTE: CS&E 221 is not included in SPHR if EnGraph 167 (or its equiv) was taken for a grade.				
Yr. 1				
Math 254 5			Math 415 4	Math 571 [†] or 568 3
Physics 133 5			ECE 205 3	ECE 206 1
CS&E 222 4			ECE 261 3	ECE 209 2
			CS&E 321 4	ECE 265 3
Yr. 2			[†] Preferred	ECE 301 3
Stat 427 or Math 530 3			ECE 331 3	ECE 352 3
ECE 323 3			ECE 351 3	ECE 662 3
ECE 567 2			ECE 561 3	CS&E 560 5
Yr. 3				
ECE 481 1				ECE 682 or 683 3
CS&E 660 3				<input type="checkbox"/> 683 Syllabus
Ind Eng 504 3				
Yr. 4				

GEN ED CURRICLM (38 HRS)

PRE-ADMISSION CONDITION
_____ Met

One GEC must be a SOCIAL DIVERSITY course.

One GEC must be an ETHICS course. SS or AH

English & Comm Skills (13)

English 110 _____ 5
2nd Wrtg Crs _____
_____ 5
ECE 582 _____ 3

Students must take **25** hours across Social Sciences, Historical Study, and Arts & Humanities with a minimum of 5 hours and maximum of 10 hours per category.

Social Sciences (5-10 hrs)
_____ () _____
_____ () _____

Historical Study (5-10 hrs)
_____ () _____
_____ () _____

Arts & Humanities (5-10 hrs)
_____ () _____
_____ () _____

TECHNICAL ELECTIVES AND SELECTED CORE: 33 HOURS TOTAL

TECHNICAL ELECTIVES

Of the 24-33 Technical Elective hours:

- 12 hours must be selected from the list below; and
- 15 hours must be ECE (can include ECE courses taken from list, tech elects, and EES core not in CES core [311, 312, 327, 341, 432, 447])

VLSI (VERY LARGE SCALE INTEGRATED CIRCUITS) & COMPUTER-AIDED DESIGN

ECE 720 (3) ___ ECE 721 (3) ___ CS&E 778 (4) ___

MICROPROCESSOR BASED SYSTEMS

ECE 765 (3) ___

DIGITAL DESIGN AND COMPUTER ARCHITECTURE

ECE 667 (3) ___ ECE 762 (3) ___ ECE 764 (3) ___ CS&E 775 (3) ___

COMPUTER INTERFACING AND PROTOCOLS, COMPUTER NETWORKS

ECE 766 (3) ___ CS&E 677 (3) ___

ROBOTICS AND CONTROL FOR AUTOMATION

ECE 551 (3) ___ ECE 755 (3) ___ ECE 757 (3) ___ ECE 763 (3) ___

NEURAL NETWORKS, ARTIFICIAL INTELLIGENCE

ECE 779 (3) ___ CS&E 630 (3) ___

DIGITAL SIGNAL PROCESSING/IMAGE PROCESSING

ECE 600 (3) ___ ECE 609 (2) ___ ECE 700 (3) ___ ECE 706 (3) ___
ECE 707 (3) ___

APPLIED SOFTWARE ENGINEERING

ECE 668 (3) ___ ECE 767 (3) ___ ECE 769 (3) ___

SEMICONDUCTORS

ECE 637 (4) ___ ECE 730 (3) ___

COMMUNICATION THEORY

ECE 501 (3) ___ ECE 702 (3) ___

NUMERICAL ANALYSIS

ECE 759 (3) ___ CS&E 541 (3) ___

OTHER TECH ELECTIVES

Total from list (___)

Total Other TEs (___)

Total Selec Core (___)

TOTAL (___)

SELECTED CORE

0-9 hours may be taken from this list:

Bio 113 (5), Chem 122 (5) **or** 125 (4),
Chem 231 **or** 251 (3), Geo Sci 121 (5),
ME 250 (4), ME 410 (4), ME 420 (4),
ME 430 (4), MSE 401 **or** ME 500 (4)

Total (___)

Notes: _____

Hours Req'd for Degree: _____

Earned Hours to Date: _____

Total Proposed Hours: _____

Final CPHR: _____ **Final MGPA:** _____

OK to Graduate? Yes No _____

Program Approved: _____

Transfer students:
45 ECE hrs?
Math & B. Science:
48 hrs?

Advisor's Signature _____

Date _____