

Department of Electrical and Computer Engineering  
**Electrical Engineering General Program**

Course plan for students applying for 300-level ECE admission Fall 2020

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING
<b>Math &amp; Science Requirements</b>											
Calc I MTH 251	Calc II MTH 252	Calc III MTH 253	Linear Algebra MTH 261	Differ Equations MTH 256	Calc IV MTH 254				Prob/Stat for ECE STAT 351		
Chem CH 221 CH 227			Physics PH 211 PH 214	Physics PH 212 PH 215	Physics PH 213 PH 216						
<b>Engineering/Computer Science Requirements</b>											
Explor Electrical Engr ECE 101	Engr Comput ECE 102 ECE 102L	Engr Program ECE 103 ECE 103L	Elec Circ I ECE 221 ECE 221L	Elec Circ II ECE 222 ECE 222L	Elec Circ III ECE 223 ECE 223L	Electron I ECE 321 ECE 321L	Electron II ECE 322 ECE 322L	Junior Elective ECE 3XX	Jr/Sr Elective ECE 3XX ECE 4XX	Jr/Sr Elective ECE 3XX ECE 4XX	Senior Elective ECE 4XX
	Digital Circuits ECE 171	Digital Systems ECE 172 ECE 172L	ECE 211	Proj Dev ECE 212		Signals Systems I ECE 315	Signals Systems II ECE 316	Signals Systems III ECE 317	Ind Des ECE 411	Sr Proj Dev ECE 412	Sr Pr Dev II ECE 413 Prof Prac ECE 424
						Micro Proc ECE 371	Engr E-mag I ECE 331 ECE 331L	Engr E-mag II ECE 332 ECE 332L			
							Power Systems EE 347				
<b>General Education Requirements</b>											
FRESHMAN INQUIRY UNST 1XX UNST 1XX UNST 1XX			SOPHOMORE INQUIRY UNST 2XX UNST 2XX UNST 2XX			JUNIOR CLUSTER Private Public Invest UNST Upper Division UNST Upper Division EC 314U Cluster Cluster					

EXPLANATION

CREDIT HOURS

- 1
- 2
- 3
- 4

Light shading = courses that must be completed prior to application to upper division  
 Dark shading = courses recommended for completion prior to application to upper division

Bulletin year 2020/2021



05/01/2019