

Department of Electrical and Computer Engineering
Computer 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			
Math & Science Requirements														
Calc I MTH 251	Calc II MTH 252	Calc III MTH 253	Linear Algebra MTH 261	Differ Equations MTH 256	Discrete Math MTH 356				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									
Engineering/Computer Science Requirements														
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	Comp Sys Org ECE 361	Embed Oper Systems ECE 362	Verilog FPGA Design ECE 351	Micropr System Design ECE 485	Computer Arch ECE 486	Senior Elective ECE 4XX			
	Digital Circuits ECE 171	Digital Systems ECE 172 ECE 172L	ECE 211	Proj Dev ECE 212		Micro Proc ECE 371	Junior Elective ECE 3XX	Jr/Sr Elective ECE 3XX ECE 4XX	Ind Des ECE 411	Sr Proj Dev ECE 412	Sr Pr Dev II ECE 413 Prof Prac ECE 424			
						Electron I ECE 321 ECE 321L	Micro Proc Int/Em Sys ECE 372 ECE 372L	Emb Op Systems Dev Dr ECE 373 ECE 373L	Signals Systems I ECE 315					
General Education Requirements														
FRESHMAN INQUIRY UNST 1XX			SOPHOMORE INQUIRY UNST 2XX			JUNIOR CLUSTER Private Public Invest EC 314U			UNST Upper Division Cluster			UNST Upper Division 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