

State University of New York at Binghamton
Thomas J. Watson College of Engineering and Applied Science
BS in Computer Engineering-Four-Year Program

FALL 2026
ENGINEERING DESIGN DIVISION
(The freshman year is common to all engineering majors)

<u>Fall</u>		<u>Spring</u>	
Math 224/225	Diff Calc/Integ Calc (M)	Math 226/227	IntegTech & App/Inf Ser (Calc I)
Chem 111	Chemical Principles (L)	PHYS 131	General Physics I
EDD 111	Intro to Engineering Design (2 credits)	EDD 112	Intro to Engineering Analysis (2 credits)
EDD 103	Engineering Communications I (2 credits)	EDD 104	Engineering Communications II (J) (2 credits)
General Education Elective (GL, D, A, N, H)		General Education Elective (GL, D, A, N, H)	

Final three years of Computer Engineering Major

<u>Fall</u>		<u>Year 2</u>		<u>Spring</u>	
Math 324	Ordinary Differential Equation		ISE 261	Probabilistic Systems I	
Phys 132	General Physics II		EECE 260	Electric Circuits	
CS 211	Programming I for Engineers		EECE 312	Linear Algebra&Eng Programming	
EECE 251	Digital Logic Design		EECE 287	Sophomore Design	
EECE 281	EECE Seminar I				

<u>Fall</u>		<u>Year 3</u>		<u>Spring</u>	
EECE 301	Signals and Systems		EECE 387	Design Lab	
EECE 315	Electronics I		EECE 359	Computer Comm and Networking	
EECE 351	Digital Systems Design		CS 312	Programming II for Engineers	
Math 314	Discrete Math		General Education Elective (GL, D, A, N, H)		
EECE 382	EECE Seminar II				

<u>Fall</u>		<u>Year 4</u>		<u>Spring</u>	
EECE 487	Senior Project I (O)		EECE 488	Senior Project II	
EECE 486	Senior Project I Lab		EECE 489	Senior Project II Lab	
CS 352	Operating Systems		Technical Elective II		
Concepts Technical Elective I			General Education Elective (GL, D, A, N, H)		
General Education Elective (GL, D, A, N, H)			Professional Elective I		