

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

Application Curriculum Code: 0843
 (If undecided use: 0229)

FALL 2024

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 (G, D, A, N, H)	General Education Elective (G, D, A, N, H)
Physical Activity/Wellness (Y, S, B)	Physical Activity/Wellness (Y, S, B)

Final three years of Computer Engineering Major

Year 2

<u>Fall</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 212 Linear Algebra&Eng Programming
EECE 251 Digital Logic Design	EECE 287 Sophomore Design
EECE 281 EECE Seminar I	

Year 3

<u>Fall</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 212 Programming II for Engineers
Math 314 Discrete Math	General Education Elective (G, D, A, N, H)
EECE 382 EECE Seminar II	

Year 4

<u>Fall</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 311 Operating Systems	Technical Elective II
Concepts Technical Elective I	General Education Elective (G, D, A, N, H)
General Education Elective (G, D, A, N, H)	Professional Elective I