

BS in Electrical Engineering (Fall 2023 & Later)

125

Minimum 120 credits required for Bachelor's degree

333

3

3

3

⁴ Science/Natural Science courses includes

⁹ Fulfilled by PY 152

[illegible]3

A maximum of 8 Applied Music credits may be applied towards graduation

4

PY 151

T	Course transferred and Requirement satisfied
W	Requirement waived
TW	Course transferred and Requirement waived

** Counts in LAE

WELCH COLLEGE OF BUSINESS & TECHNOLOGY
SCHOOL OF COMPUTER SCIENCE AND ENGINEERING
BS in Electrical Engineering (Fall 2023 & Later)

YEAR 1	SEMESTER 1	YEAR 1	SEMESTER 2
FYWS 125 MA 151 CS 111 CSE 125 HI 100 or 102	First Year Seminar Calculus I Intro to Structured Programming CSE Explorations Foundational Core 1/6	CTL 125 MA 152 CS 112 CS 113 ENGR 125	Critical Thinking Calculus II Data Structures Discrete Structures Engineering Explorations
YEAR 2	SEMESTER 3	YEAR 2	SEMESTER 4
CIT 201 ENGR 212 MA 253 PY 151/153	CIT Seminar I Digital Design with Lab Calculus III Principles of Physics I / Lab	CIT 202 ENGR 211 MA 254 PY 152/154 ENGR 200	CIT Seminar II Circuits and Systems with Lab Differential Equations Principles of Physics II / Lab Computational Methods in ENGR
YEAR 3	SEMESTER 5	YEAR 3	SEMESTER 6
ENGR 339 ENGR 349	Business or computing/engineering elective 1/4 Power Systems with Lab Electromagnet Theory with Lab Business or computing/engineering elective 2/4 Foundational Core 2/6	MA 261 CSE 300 ENGR 313 ENGR 324 BU 296	Linear Algebra Stat and Prob for CS and ENGR Signal Processing with Lab Business or computing/engineering elective 3/4 Embedded Systems with Lab Career Development and Readiness
YEAR 4	SEMESTER 7	YEAR 4	SEMESTER 8
EE 417 EE 413 CS 319	Engineering Design Project I Internship in Engineering Computer Ethics (LAE awareness) LAE Humanistic Inquiry Foundational Core 3/6	EE 418	Engineering Design Project II Business or computing/engineering elective 4/4 Foundational Core 4/6 Foundational Core 5/6 Foundational Core 6/6