

BS in Electrical Engineering with Energy Option (2023-24)

Year One		Year Two		Year Three	Year Four		Year Five		Total Credits	
Fall	Spring	Fall	Spring	Fall	Sp+Su	Fall	Sp+Su	Fall		Spring
PB Calc I MATH-181 (4)	PB Calc II MATH-182 (4)	Mult & Vect Calc MATH- 219, 220 (4)	Cmplx Var MATH-381 (3)	Linear Algebra MATH-241 (3)	EEEE 499 - Cooperative Education (Spring + Summer)	Prob & Stats MATH-251 (3)	EEEE 499 - Cooperative Education (Spring + Summer)	Comm Sys EEEE-484* (3)	Advances in Power Sys EEEE-524 (3)	
Gen Chem for Eng/Gen & Anal Chem CHMG- 131/141 (3)	University Physics I PHYS-211 (4)	University Physics II PHYS-212 (4)	Diff Eq MATH-231 (3)	Semi Dev I EEEE-260 (3)		Embedded Sys Design EEEE-420* (3)		Digital Electronics EEEE-380* (3)	Power Electronics EEEE-546* (3)	
First Year Writing UWRT-150 (3)	Perspective- 2 xxxx- nnn (3)	Circuits I EEEE-281* (3)	Circuits II EEEE-282 (3)	Linear Sys EEEE-353 (4)		Classical Control EEEE-414* (3)		Sr. Design I EEEE-497 (3)	Sr. Design II EEEE-498 (3)	
EE Pract EEEE-105* (1)	Digital Systems I EEEE-120* (3)	CMPR-271- Comp Prob Solving (3)	Digital Systems II EEEE-220* (3)	EM Fields EEEE-374* (4)		Analog Electronics EEEE-480* (4)		Elec Pwr Trans & Dist EEEE-522 (3)	Immersion-2 xxxx- nnn (3)	
Gen Ed Elective (3)	Perspective- 3 xxxx- nnn (3)	Perspective- 4 xxxx- nnn (3)	Advanced Prog. EEEE-346 (3)	Clean-Rnw Energy Sys EEEE-221 (3)		Energy Conversion EEEE-321* (3)		Immersion-1 xxxx- nnn (3)	Immersion-3 xxxx- nnn (3)	
Perspective- 1 xxxx- nnn (3)			Co-op Prep EGEN 99 (0)							
YOPS-010 (0) All										
17	17	17	15	17		16		15	15	129

Legend

Math
RIT 365
Science
Computer Prog.
Liberal Arts
Electrical Engr.
Energy Course
Co-op Pre-requisite
Free Elective

* Course has a lab

- A pre-requisite Course
- Has a pre-requisite
- Has a co-requisite
- min grade C- is required
- min grade C is required

Note: One General Education Course must be Writing Intensive