

Sequence of Course Offerings for BSEEE Program (For Batch 231 and Onward)

12	Trimester 1 (11.0 Credit Hr.)	1. ENG 1011 (English I)	2. MAT 1101 (Calculus I)	3. EEE 1001 (Electrical Circuits I)	4. BDS 1201 (History of the Emergence of Bangladesh)	#	⇒	Prerequisite course
15	Trimester 2 (13.0 Credit Hr.)	5. ENG 1013 (English II) 1	6. MAT 1103 (Calculus II) 2	7. EEE 1003 (Electrical Circuits II) 3	8. EEE 1004 (Electrical Circuits Laboratory) 3	9. PHY 1101 (Physics I)		
15	Trimester 3 (11.0 Credit Hr.)	10. EEE 2000 (Simulation Laboratory) 7	11. EEE 2101 (Electronics I) 7	12. PHY 1103 (Physics II) 9	13. PHY 1104 (Physics Laboratory) 9	14. MAT 2105 (Linear Algebra and Differential Equations) 6		
15	Trimester 4 (11.0 Credit Hr.)	15. EEE 2103 (Electronics II) 11	16. EEE 2104 (Electronics Laboratory) 11	17. CHE 2101 (Chemistry)	18. CHE 2102 (Chemistry Laboratory)	19. MAT 2107 (Complex Variables, Fourier and Laplace Transforms) 6		
15	Trimester 5 (13.0 Credit Hr.)	20. MAT 2109 (Coordinate Geometry and Vector Analysis) 6	21. EEE 2401 (Structured Programming Language)	22. EEE 2402 (Structured Programming Language Laboratory)	23. GED..... (GED Optional)	24. EEE 2301 (Signals and Linear Systems) 7 19		
18	Trimester 6 (14.0 Credit Hr.)	25. EEE 2200 (Electrical Wiring and Drafting) 7	26. EEE 2201 (Energy Conversion I) 7	27. EEE 2105 (Digital Electronics) 11	28. EEE 2106 (Digital Electronics Laboratory) 11	29. EEE 3303 (Probability, Statistics and Random Variables) 24		30. EEE 3107 (Electrical Properties of Materials) 12 19
15	Trimester 7 (11.0 Credit Hr.)	31. ACT 3101 (Financial and Managerial Accounting)	32. EEE 2203 (Energy Conversion II) 26	33. EEE 2204 (Energy Conversion Laboratory) 26	34. EEE 3309 (Digital Signal Processing) 24	35. EEE 3310 (Digital Signal Processing Laboratory) 24		
15	Trimester 8 (11.0 Credit Hr.)	36. SOC 3101 (Society, Environment and Engineering Ethics)	37. EEE 3305 (Engineering Electromagnetics) 12 20	38. EEE 3307 (Communication Theory) 24 29	39. EEE 3308 (Communication Laboratory) 24 29	40. EEE 3400 (Numerical Techniques Laboratory) 10 14		
18	Trimester 9 (12.0 Credit Hr.)	41. EEE 3205 (Power System) 32	42. EEE 3206 (Power System Laboratory) 32	43. EEE 3403 (Microprocessor and Interfacing) 21 27	44. EEE 3404 (Microprocessor and Interfacing Laboratory) 21 27	45. EEE 3207 (Power Electronics) 15 32		46. EEE 3208 (Power Electronics Laboratory) 15 32
15	Trimester 10 (11.0 Credit Hr.)	47. IPE 4101 (Industrial Production Engineering)	48. EEE 4109 (Control System) 15 24	49. EEE 4110 (Control System Laboratory) 15 24	50. EEE (Elective I (Major))	51. EEE 4901 (Capstone Project I)		
15	Trimester 11 (12 Credit Hr.)	52. EEE (Elective I (Major))	53. EEE (Elective II (Major))	54. EEE (Elective II (Major) Laboratory)	55. EEE (Elective I (Minor))	56. EEE 4902 (Capstone Project II)		
12	Trimester 12 (10.0 Credit Hr.)	57. EEE (Elective II (Minor))	58. EEE (Elective II (Minor) Laboratory)	59. GED 4001 (Career Development and Entrepreneurship)	60. EEE 4903 (Capstone Project III)	*EEE 4904 (Internship) / *EEE 4905 (Industrial Training)		



Contact hour
per week

Department of Electrical and Electronic Engineering (EEE)

United International University (UIU)

