Teach-Out Program Structure

Year One			
Semester	Unit Code	Subjects	Credit Points
Semester 1	BSC101C	Engineering Mathematics 1 (Core)	3
Semester 1	BSC102C	Electrical Circuit Theory and Analysis (Core)	3
Semester 1	BSC103C	Engineering Dynamics + Mechanics (Core)	3
Semester 1	BSC203C	Engineering Design and Drawing (Core)	3
Semester 1/2	BSC109C	Industrial Experience Research Project	3
Semester 2	BSC104C	Engineering Mathematics 2 (Core)	3
Semester 2	BSC201C	Engineering Programming (Core)	3
Semester 2	BEE106S	Fundamentals of Electronics	3
Semester 2	BSC107C	Physics and Chemistry for Engineers (Core)	3

Year Two			
Semester	Unit Code	Subjects	Credit Points
Semester 1	BEE108S	Direct Current and Alternating Current Motors	3
Semester 1	BSC105C	Mechanics of Machines (Core)	3
Semester 1	BSC202C	Engineering Mathematics 3 (Core)	3
Semester 1	BEE205S	Transformers and Switchgear	3
Semester 1	BSC302C	Project Planning, Management and Costing (Core)	3
Semester 2	BEE204S	Power Generation, Transmission and Distribution	3
Semester 2	BEE206S	Electrical Safety, Earthing and Lightning Protection	3
Semester 2	BEE208S	Power Electronics and Variable Speed Drives	3
Semester 2	BEE209S	Power Quality and Energy Efficiency	3

Year Three			
Semester	Unit Code	Subjects	Credit Points
Semester 1	BEE207S	Power System Protection	3
Semester 1	BEE301S	Electrical Utilization Engineering	3
Semester 1	BEE303S	Power Generation (Renewable and Non-Renewable Energy Technologies)	3
Semester 1	BEE304S	Electrical Control Circuits and PLC Programming	3
Semester 1	BSC305C	Technology, Sustainability and Society (Core)	3
Semester 2	BEE306S	Data Communication for Power System Monitoring	3
Semester 2	BSC307C	Final Year Project (Electrical Engineering)	9

Additional Mandatory Units			
Semester	Unit Code	Subjects	Credit Points
N/A	BXX001	Hands-on Workshop 1	0
N/A	BXX002	Hands-on Workshop 2	0
N/A	BXX003	Hands-on Workshop 3	0
N/A	BXX004	Hands-on Workshop 4	0
N/A	BSC110C	Industrial Experience	0
N/A	BSC210C	Industrial Experience	0

Work-Integrated Learning

EIT's Bachelor of Science programs require students to undertake 240 hours of paid or unpaid professional work-integrated learning. This can incorporate paid or unpaid internships, site visits, contributing to industry projects, and networking activities.

In undertaking an internship, students will interact with employees and become exposed to organizational policy and culture. You will familiarize yourself with organizational communication procedures, a variety of engineering disciplines, and obtain insight and practical aptitude in projects from the planning phase to completion.

If you already have some work experience in the relevant engineering field, you may apply to have credit granted by completing the associated recognition of prior learning form.