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	BIA106S	Principles of Chemical Engineering	3
Semester 2	BSC107C	Physics and Chemistry for Engineers (Core)	3

Year Two			
Semester	Unit Code	Subjects	Credit Points
Semester 1	BIA108S	Process Instrumentation and Control	3
Semester 1	BSC105C	Mechanics of Machines (Core)	3
Semester 1	BSC202C	Engineering Mathematics 3 (Core)	3
Semester 1	BIA205S	Electrical Control Circuits and PLC Programming	3
Semester 1	BSC302C	Project Planning, Management and Costing (Core)	3
Semester 2	BIA204S	Ancillary Support Systems	3
Semester 2	BIA206S	Communications and Networks	3
Semester 2	BIA208S	Safety Systems Engineering	3
Semester 2	BIA209S	Analysis and Modelling of Dynamics Systems	3

Year Three			
Semester	Unit Code	Subjects	Credit Points
Semester 1	BIA207S	Automation Systems and Supervisory Control	3
Semester 1	BIA301S	Communication Systems and Protocols	3
Semester 1	BIA303S	Embedded Systems Design	3
Semester 1	BIA304S	Power and Drive Controls	3
Semester 1	BSC305C	Technology, Sustainability and Society (Core)	3
Semester 2	BIA306S	Instrument and Control Engineering Practices	3
Semester 2	BSC307C	Final Year Project (Industrial Automation 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.