

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	BCS106S	Structural Mechanics	3
Semester 2	BSC107C	Physics and Chemistry for Engineers (Core)	3

Year Two			
Semester	Unit Code	Subjects	Credit Points
Semester 1	BCS108S	Construction Engineering	3
Semester 1	BSC105C	Mechanics of Machines (Core)	3
Semester 1	BSC202C	Engineering Mathematics 3 (Core)	3
Semester 1	BCS205S	Engineering Surveying	3
Semester 1	BSC302C	Project Planning, Management and Costing (Core)	3
Semester 2	BCS204S	Strength of Materials – Advanced Topics	3
Semester 2	BCS206S	Applied Fluid Mechanics	3
Semester 2	BCS207S	Soil Mechanics	3
Semester 2	BCS209S	Structural Design and Concrete Structures	3

Year Three			
Semester	Unit Code	Subjects	Credit Points
Semester 1	BCS208S	Hydraulics	3
Semester 1	BCS301S	Design of Steel Structures	3
Semester 1	BCS303S	Geotechnical Engineering	3
Semester 1	BCS304S	Road Design	3
Semester 1	BSC305C	Technology, Sustainability and Society (Core)	3
Semester 2	BCS306S	Civil Design	3
Semester 2	BSC307C	Final Year Project (Civil and Structural 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.