

BSc(Hons) in Surveying

Modes of Studies

1. **Single full BSc(Hons) Surveying (90 credits + 2 WIE*)**

Full-time/Sandwich

Expected duration: Normally 3 years for full-time
Normally 4 years for sandwich

2. **Double-Degree Study Pathways for BSc(Hons) in Surveying and BA(Hons) in Design (Environment & Interior (E&I)) jointly offered by the Department of Building & Real Estate and School of Design (entry from the Department of Building & Real Estate (BRE))**
 - A. Double degrees in BSc(Hons) in Surveying and BA(Hons) in Design (E&I) (Total: 163 credits + 2 WIE)

Expected duration: 5-year mode or
4-year mode
 - B. Single full BSc(Hons) in Surveying (90 credits + 2 WIE) and Major in Design (E&I) (54 credits)

Expected duration: 4 years
 - C. Double Majors: Major in Surveying and Major in Design (E&I) (Total: 120 credits + 2 WIE)
 - D. Major in Surveying and Design (E&I) subjects ('minor')**

56 credits in Surveying Major subjects plus 2 WIE + 27 credits in Design (E&I) subjects + 7 credits in Languages and 2 GE subjects = 90 credits and 2 WIE

Initially not more than five students from BSc (Hons) in Surveying and five students from BA in Design (E&I) will be admitted to the double-degree program, and only those with high GPA will be selected. Students have to indicate their choices of double-degree programme at the end of Semester 1 of Year One, which are subject to the approval of the two offering departments. Aptitude test and interview are required by the Design Department. BSc (Hons) in Surveying double-degree students must follow the designated study pathway of their choice.

* **WIE:** work Integrated Education

** **'minor':** These subjects are open to the double-degree students only. This 'minor' is not the University Minor programme and therefore the term 'minor' will not be shown in the university transcript.

**A. Double Degrees in BSc (Hons) in Surveying & BA (Hons) in Design (E & I)
(163 credits + 2 WIE)**

Progression pattern for students entering through BRE

Year 1	Sem 1		
BRE291	Construction Technology 1	3	
BRE206	The Legal Context for CRE	3	
BRE216	Economics for CRE	3	
BRE217	Planning and Development	3	
IC301	Industrial Safety	1	
BRE345	Measurement, Documentation & Estimating	3	
GE1	General Education 1	2	BRE 16
GE2	General Education 2	2	GE/LANG 5
CLC	Chinese Language	1	
			TOT 21
Year 1	Sem 2		
BRE2921	Management for CRE	3	
BRE2031	Environmental Science	3	
BRE218	Integrated Project 1	3	
BRE337	Property Law	3	
BRE326	Maintenance Technology and Management	3	
BRE347	Urban & Construction Economics	3	BRE 18
ELC3401	English in the Workplace (EIW)	2	GE/LANG 2
			TOT 20
Year 2	Sem 1		
BRE391	Construction Technology 2	3	
BRE315	Property Valuation	3	
BRE336	Development Control Law	3	
BRE341	Property Management 1	3	
BRE346	Integrated Project 2A	2	BRE 14
SD2000	Design Thinking	1	
SD2534	Visualisation Skills (E+I)	5	SD 6
			TOT 20
Year 2	Sem 2		
BRE319	Property & Investment Finance	3	
BRE350	Project Management & Procurement	3	
BRE346	Integrated Project 2A	1	
BRE499	Dissertation (Research Methods)	2	BRE 9
SD2081	Introduction to Culture and Theory	2	
SD	Elective	3	
SD 3040	Design in Business	3	
SD	Elective	3	SD 11
			TOT 20
Year 2	Sem 3		
BRE346	Integrated Project 2A (International Study Tour)	1	
WIE#		2	BRE 3
			TOT 3
Year 3	Sem 1		
BRE499	Dissertation	3	

BRE441	Professional Studies	3	
BRE329	Construction Contract Law	3	
BRE	Discipline-Specific Elective 1	3	
BRE	Discipline-Specific Elective 2	3	BRE 15
SD2532	Introduction to E+I Design - Technology 1: Materials & Construction	3	
SD2531	Introduction to E+I Design - Theory 1: Body & Space	3	SD 6
			TOT 21

Year 3 Sem 2

BRE499	Dissertation	3	
BRE441	Professional Studies	3	
BRE	Discipline-Specific Elective 3	2	
BRE	Discipline-Specific Elective 4	3	BRE 11
SD2537	E+I Design Studio 1.1 - Theory 2: Psychology & Space	3	
SD2538	E+I Design Studio 1.2 - Tools 1: Communication	2	
SD2539	E+I Design Studio 1.3 - Technology 2: Construction & Services	4	SD 9
			TOT 20

Year 3 Sem 3

SD3592	Internship (E+I)	3	SD 3
			TOT 3

Year 4 Sem 1

SD3030	Design Studio 2.1 - Cultural Research	2	
SD3531	E+I Design Studio 2.2 - Tools 2: Advanced Visualisation	3	
SD3532	E+I Design Studio 2.3 - Technology 3 : Systems & Materials	4	
SD4532	Independent Study	3	
SD2080	Introduction to Design History from 19th Century to 21st Century	2	
SD3080	Introduction to Design in China, Japan & Korea	2	
SD	Elective	3	SD 19
			TOT 19

Year 4 Sem 2

SD3533	E+I Design Studio 3.1 - Theory 3: Analysis & Space	3	
SD3534	E+I Design Studio 3.2 - Technology 4: Sustainability	6	
SD4533	Final Project (E+I)	9	SD 18
			TOT 18

Exit with Double Degrees

163 CREDITS (84 BRE, 72 SD, 7 GE/LANG) + 2 WIE#

WIE can be taken in summer term of either Year 1 or Year 2

 **Design subjects**

 **BRE subjects**

 **Common subjects: Languages & General Education subjects**

Year 3		Sem 1		
BRE499	Dissertation	3		
BRE441	Professional Studies	3		
BRE329	Construction Contract Law	3		
BRE	Discipline-Specific Elective 1	3		
BRE	Discipline-Specific Elective 2	3		BRE 15
SD2532	Introduction to E+I Design - Technology 1: Materials & Construction	3		
SD2531	Introduction to E+I Design - Theory 1: Body & Space	3		SD 6
				TOT 21

Year 3		Sem 2		
BRE499	Dissertation	3		
BRE441	Professional Studies	3		
BRE	Discipline-Specific Elective 3	2		
BRE	Discipline-Specific Elective 4	3		BRE 11
SD2537	E+I Design Studio 1.1 - Theory 2: Psychology & Space	3		
SD2538	E+I Design Studio 1.2 - Tools 1: Communication	2		
SD2539	E+I Design Studio 1.3 - Technology 2: Construction & Services	4		SD 9
				TOT 20

Year 3		Sem 3		
SD3592	Internship (E+I)	3		SD 3
				TOT 3

Year 4		Sem 1		
SD3030	Design Studio 2.1 - Cultural Research	2		
SD3531	E+I Design Studio 2.2 - Tools 2: Advanced Visualisation	3		
SD3532	E+I Design Studio 2.3 - Technology 3 : Systems & Materials	4		
SD4532	Independent Study	3		
SD2080	Introduction to Design History from 19th Century to 21st Century	2		
SD3080	Introduction to Design in China, Japan & Korea	2		
SD	Elective	3		SD 19
				TOT 19

Year 4		Sem 2		
SD3533	E+I Design Studio 3.1 - Theory 3: Analysis & Space	3		
SD3534	E+I Design Studio 3.2 - Technology 4: Sustainability	6		
SD4533	Final Project (E+I)	9		SD 18
				TOT 18

Exit with Double Degrees

163 CREDITS (84 BRE, 72 SD, 7 GE/LANG) + 2 WIE#

WIE can be taken in summer term of either Year 1 or Year 2

 Design subjects

 BRE subjects

 Common subjects: Languages & General Education subjects

Five Year Double Degree Progression Pattern

A. Double Degrees in BSc (Hons) in Surveying & BA (Hons) in Design (E & I)

(163 credits + 2 WIE)

Progression pattern for students entering through BRE

Year 1	Sem 1		
BRE291	Construction Technology 1	3	
BRE206	The Legal Context for CRE	3	
BRE216	Economics for CRE	3	
BRE217	Planning and Development	3	
IC301	Industrial Safety	1	BRE 13
GEC	General Education 1	2	GE/LANG 2
			TOT 15

Year 1	Sem 2		
BRE2921	Management for CRE	3	
BRE2031	Environmental Science	3	
BRE218	Integrated Project 1	3	
BRE337	Property Law	3	BRE 12
ELC3401	English in the Workplace (EIW)	2	GE/LANG 4
GEC	General Education 2	2	
			TOT 16

Year 2	Sem 1		
BRE391	Construction Technology 2	3	
BRE345	Measurement, Documentation & Estimating	3	
BRE336	Development Control Law	3	
BRE341	Property Management 1	3	
BRE315	Property Valuation	3	
BRE346	Integrated Project 2A	2	BRE 17
	Chinese Language	1	GE/LANG 1
SD2000	Design Thinking	1	SD 1
			TOT 19

Year 2	Sem 2		
BRE326	Maintenance Technology and Management	3	
BRE347	Urban & Construction Economics	3	

B. Single full BSc (Hons) in Surveying (90 credits + 2 WIE) & Major in Design (E & I) (54 credits)

Progression pattern for students entering through BRE

Year 1	Sem 1		
BRE291	Construction Technology 1	3	
BRE206	The Legal Context for CRE	3	
BRE216	Economics for CRE	3	
BRE217	Planning and Development	3	
IC301	Industrial Safety	1	BRE 13
GEC	General Education 1	2	GE/LANG 2
			TOT 15

Year 1	Sem 2		
BRE2921	Management for CRE	3	
BRE2031	Environmental Science	3	
BRE218	Integrated Project 1	3	
BRE337	Property Law	3	BRE 12
ELC3401	English in the Workplace (EIW)	2	GE/LANG 4
GEC	General Education 2	2	
			TOT 16

Year 2	Sem 1		
BRE391	Construction Technology 2	3	
BRE345	Measurement, Documentation & Estimating	3	
BRE336	Development Control Law	3	
BRE341	Property Management 1	3	
BRE315	Property Valuation	3	
BRE346	Integrated Project 2A	2	BRE 17
	Chinese Language	1	GE/LANG 1
SD2000	Design Thinking	1	SD 1
			TOT 19

Year 2	Sem 2		
BRE326	Maintenance Technology and Management	3	
BRE347	Urban & Construction Economics	3	
BRE319	Property Investment & Finance	3	

BRE319	Property Investment & Finance	3			
BRE350	Project Management & Procurement	3			
BRE346	Integrated Project 2A	1			
BRE499	Dissertation [Research Methods]	2	BRE 16		
SD2081	Introduction to Culture and Theory	2	SD 2		
			TOT 18		
Year 2 Sem 3					
BRE346	Integrated Project 2A (International Study Tour)	1			
WIE#		2	BRE 3		
			TOT 3		
Year 3 Sem 1					
BRE499	Dissertation	3			
BRE441	Professional Studies	3			
BRE329	Construction Contract Law	3			
BRE	Discipline-Specific Elective 1	3			
BRE	Discipline-Specific Elective 2	3	BRE 15		
SD2532	Introduction to E+I Design - Technology 1: Materials and Construction	3			
SD2531	Introduction to E+I Design - Theory 1: Body and Space	3	SD 6		
			TOT 21		
Year 3 Sem 2					
BRE499	Dissertation	3			
BRE441	Professional Studies	2			
BRE	Discipline-Specific Elective 3	3			
BRE	Discipline-Specific Elective 4	3	BRE 11		
SD2537	E+I Design Studio 1.1 - Theory 2: Psychology and Space	3			
SD2538	E+I Design Studio 1.2 - Tools 1: Communication	2			
SD2539	E+I Design Studio 1.3 - Technology 2: Construction and Services	4	SD 9		
			TOT 20		
Year 4 Sem 1					
SD3030	Design Studio 2.1 - Cultural Research	2			
SD3080	Introduction to Design in China, Japan and Korea	2			


BRE350	Project Management & Procurement	3			
BRE346	Integrated Project 2A	1			
BRE499	Dissertation [Research Methods]	2	BRE 16		
SD2081	Introduction to Culture and Theory	2	SD 2		
			TOT 18		
Year 2 Sem 3					
BRE346	Integrated Project 2A (International Study Tour)	1			
WIE#		2	BRE 3		
			TOT 3		
Year 3 Sem 1					
BRE499	Dissertation	3			
BRE441	Professional Studies	3			
BRE329	Construction Contract Law	3			
BRE	Discipline-Specific Elective 1	3			
BRE	Discipline-Specific Elective 2	3	BRE 15		
SD2532	Introduction to E+I Design - Technology 1: Materials and Construction	3			
SD2531	Introduction to E+I Design - Theory 1: Body and Space	3	SD 6		
			TOT 21		
Year 3 Sem 2					
BRE499	Dissertation	3			
BRE441	Professional Studies	2			
BRE	Discipline-Specific Elective 3	3			
BRE	Discipline-Specific Elective 4	3	BRE 11		
SD2537	E+I Design Studio 1.1 - Theory 2: Psychology and Space	3			
SD2538	E+I Design Studio 1.2 - Tools 1: Communication	2			
SD2539	E+I Design Studio 1.3 - Technology 2: Construction and Services	4	SD 9		
			TOT 20		
Year 4 Sem 1					
SD3030	Design Studio 2.1 - Cultural Research	2			
SD3080	Introduction to Design in China, Japan and Korea	2			

SD3080	Introduction to Design in China, Japan and Korea	2	
SD3531	E+I Design Studio 2.2 - Tools 2: Advanced Visualisation	3	
SD2534	Visualisation Skills (E+I)	5	
SD3532	E+I Design Studio 2.3 - Technology 3: Systems and Materials	4	
SD2080	Introduction to Design History from 19th century to 21st century	2	
SD	Elective	3	SD 21
			TOT 21
Year 4	Sem 2		
SD3533	E+I Design Studio 3.1 - Theory 3: Analysis and Space	3	
SD3534	E+I Design Studio 3.2 -Technology 4: Sustainability	6	
SD3040	Design in Business	3	
SD	Elective	3	SD 15
			TOT 15
B. Exit with BRE Degree and Design Major			
145 CREDITS (84 BRE, 54 SD, 7 GE/LANG) + 2 WIE#			
Y4S3			
SD3592	Internship (E+I)	3	SD 3
			TOT 3
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Year 5	Sem 1		
SD	Elective	3	
SD4532	Independent Study	3	SD 6
			TOT 6
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Year 5	Sem 2		
SD4533	Final Project (E+I)	9	SD 9
			TOT 9
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Exit with Double Degree			
163 CREDITS (72 SD, 84 BRE, 7 GE/LANG) + 2 WIE#			
# WIE can be taken in summer term of either Year 1 or Year 2			

SD3531	E+I Design Studio 2.2 - Tools 2: Advanced Visualisation	3	
SD2534	Visualisation Skills (E+I)	5	
SD3532	E+I Design Studio 2.3 - Technology 3: Systems and Materials	4	
SD2080	Introduction to Design History from 19th century to 21st century	2	
SD	Elective	3	SD 21
			TOT 21
Year 4	Sem 2		
SD3533	E+I Design Studio 3.1 - Theory 3: Analysis and Space	3	
SD3534	E+I Design Studio 3.2 -Technology 4: Sustainability	6	
SD3040	Design in Business	3	
SD	Elective	3	SD 15
			TOT 15

 Design subjects

 BRE subjects

 Common subjects: Languages & General
Education subjects

 B. Single full BSc (Hons) in Surveying (90 credits
+ 2 WIE & Major in Design (E & I) (54 credits)

C. Double Majors in SURVEYING and DESIGN (total: 120 credits* + 2 WIE)

Languages and General Education Subjects

ELC3401	English in the Workplace	(2 credits)
CLCxxx	Chinese Languages	(1 credit)
GExxx	General Education Subject 1	(2 credits)
GE2810	“China Studies” General Education Subject 2	(2 credits)
	Total	7 credits

Major in Surveying (56 credits + 2 WIE)

Subjects

IC301	Industrial Safety	(1 credit)
BRE206	Legal Context for CRE	(3 credits)
BRE216	Economics for CRE	(3 credits)
BRE217	Planning & Development	(3 credits)
BRE218	Integrated Project I	(3 credits)
BRE291	Construction Technology I	(3 credits)
BRE2921	Management for CRE	(3 credits)
BRE2031	Environmental Science	(3 credits)
BRE326	Maintenance Technology & Management	(3 credits)
BRE345	Measurement, Documentation and Estimating	(3 credits)
BRE346	Integrated Project IIA	(4 credits)
BRE347	Urban and Construction Economics	(3 credits)
BRE350	Project Management and Procurement	(3 credits)
BRE315	Property Valuation	(3 credits)
BRE319	Property Investment and Finance	(3 credits)
BRE336	Development Control Law	(3 credits)
BRE337	Property Law	(3 credits)
BRE341	Property Management I	(3 credits)
BRE391	Construction Technology II	(3 credits)
2 WIE		(2 training credits)
	Total	56 credits + 2
WIE		

Major in Design (Environment & Interior) (54 credits) + 3 credits in SD3592

Internship (E&I)

Subjects

SD2000	Design Thinking	(1 credit)
SD2080	Introduction to Design History from 19 th century to 21 st century	(2 credits)
SD2531	Introduction to E & I Design - Theory 1 :	

	Body & Space	(3 credits)
SD2532	Introduction to E & I Design - Technology 1 : Materials and Construction	(3 credits)
SD2534	Visualisation Skills (E & I)	(5 credits)
SD2537	E & I Design Studio 1.1 - Theory 2: Psychology & Space	(3 credits)
SD2538	E & I Design Studio 1.2 - Tools 1 : Communication	(2 credits)
SD2539	E & I Design Studio 1.3 - Technology 2: Construction & Services	(4 credits)
SD2081	Introduction to Culture and Theory	(2 credits)
SD3030	Design Studio 2.1 - Cultural Research	(2 credits)
SD3080	Introduction to Design in China, Japan and Korea	(2 credits)
SD3531	E & I Design Studio 2.2 - Tools 2 : Advanced Visualization	(3 credits)
SD3532	E & I Design Studio 2.3 - Technology 3 : Systems & Materials	(4 credits)
SD3533	E & I Design Studio 3.1 - Theory 3 : Analysis & Space	(3 credits)
SD3534	E & I Design Studio 3.2 - Technology 4 : Sustainability	(6 credits)
SD3040	Design in Business	(3 credits)
SD	Elective 1	(3 credits)
SD	Elective 2	(3 credits)
Total		54 credits

***3 credits can be taken from either Surveying subjects or Design (E&I) subjects to make up the 120 credits.**

**D. BSc (Hons) with a MAJOR in SURVEYING and Design (E&I) Subjects ('minor')*
(90 credits + 2 WIE)**

Languages and General Education Subjects

ELC3401	English in the Workplace	(2 credits)
CLCxxx	Chinese Languages	(1 credit)
GExxx	General Education Subject 1	(2 credits)
GE2810	"China Studies" General Education Subject 2	(2 credits)
Total		7 credits

Major in Surveying (56 credits + 2 WIE)

Subjects

IC301	Industrial Safety	(1 credit)
BRE206	Legal Context for CRE	(3 credits)

BRE216	Economics for CRE	(3 credits)
BRE217	Planning & Development	(3 credits)
BRE218	Integrated Project I	(3 credits)
BRE291	Construction Technology I	(3 credits)
BRE2921	Management for CRE	(3 credits)
BRE2031	Environmental Science	(3 credits)
BRE326	Maintenance Technology & Management	(3 credits)
BRE345	Measurement, Documentation and Estimating	(3 credits)
BRE346	Integrated Project IIA	(4 credits)
BRE347	Urban and Construction Economics	(3 credits)
BRE350	Project Management and Procurement	(3 credits)
BRE315	Property Valuation	(3 credits)
BRE319	Property Investment and Finance	(3 credits)
BRE336	Development Control Law	(3 credits)
BRE337	Property Law	(3 credits)
BRE341	Property Management I	(3 credits)
BRE391	Construction Technology II	(3 credits)
2 WIE		<u>(2 training credits)</u>
	Total	56 credits + 2
WIE		

Design (E&I) Subjects (27 credits)

Subjects

SD2000	Design Thinking	(1 credit)
SD2080	Introduction to Design History form 19 th century to 21 st century	(2 credits)
SD2081	Introduction to Design Culture and Theory	(2 credits)
SD2532	Introduction to E & I Design - Technology 1 : Materials and Construction	(3 credits)
SD2534	Visualisation Skills (E&I)	(5 credits)
SD2531	Introduction to E & I Design - Theory 1 : Body & Space	(3 credits)
SD2537	E & I Design Studio 1.1 - Theory 2: Psychology & Space	(3 credits)
SD2538	E & I Design Studio 1.2 - Tools 1 : Communication	(2 credits)
SD2539	E & I Design Studio 1.3 - Technology 2: Construction & Services	(4 credits)
SD3080	Introduction to Design in China, Japan & Korea	<u>(2 credits)</u>
	Total	27 credits

* **‘minor’** : These subjects are only open to double-degree students only. This ‘minor’ is not the University Minor programme and therefore the term ‘minor’ will not be shown in the university transcript.