



BACHELOR OF TECHNOLOGY IN ARCHITECTURAL SCIENCE

	Year One			Year Two			Total Credits	Year Three				Total Credits		
	Term 1	Term 2A	Term 2B	Term 3	Term 4A	Term 4B		Term 5	Term 6	Term 7	Term 8			
Applied Sciences	CIVL 1200 Building Structures 1 3.0 credits	CIVL 2201 Building Structures 2 4.0 credits		CIVL 3202 Building Structures 3 3.0 credits ELEX 1810 Electrical Systems 3.0 credits MSYS 3880 Heating/Ventilating/ Air Conditioning 4.0 credits	CIVL 4203 Building Structures 4 2.0 credits ELEX 2805 Illumination 1.5 credits MSYS 3980 Plumbing Systems 1.5 credits BLDG 4505 Building Acoustics 1.5 credits	SURV 1120 Survey for Building 2.0 credits BLDG 4506 Systems Synthesis 1.5 credits	27	Applied Sciences	ARSC 7200 Sustainable Design 3.0 credits	ARSC 7300 Bldg. Envelop Perf. 3.0 credits	ARSC 7350 Bldg. Envelop Lab 3.0 credits ARSC 8000 Systems Integration 6.0 credits		15	
Applied Technology	BLDG 1200 Bldg. Constr. 1 6.0 credits	BLDG 2200 Bldg. Constr. 2 8.0 credits BLDG 2000 Planning 5.0 Credits		BLDG 3200 Bldg. Constr. 3 6.0 credits BLDG 3000 Architectural Tech. 1 6.0 credits BLDG 3050 † Economics/Construction Operations 1 6.0 credits BLDG 3100 † Building Science 1 6.0 credits			49.5	Applied Technology	ARSC 7010 Materials in Bldg. 3.0 credits ARSC 7000 Architectural Tech. 3 6.0 credits pre-requisite: BLDG 4100 OR ARSC 7001 Building Science 3 6.0 credits pre-requisite: BLDG 4000	ARSC 7110 Building Preservation & Heritage Conserv. 3.0 credits ARSC 7100 Architectural Tech. 4 6.0 credits	ARSC 8280 Graduation Project - Project Proposal 3.0 credits	ARSC 8800 Graduating Project 9.0 credits	30	
Core Sciences	MATH 1401 Tech. Math for Bldg. 5.0 credits PHYS 1140 Applied Physics for Bldg. 1 4.0 credits	MATH 2402 Analytic Geometry & Statistics 3.5 credits PHYS 2148 Applied Physics for Bldg. 2 3.0 credits					15.5	Liberal Studies	LIBS 7001 Critical Reading & Writing 3.0 credits		LIBERAL STUDIES Elective 3.0 credits	LIBS 7002 Applied Ethics 3.0 credits LIBERAL STUDIES Elective 3.0 credits	12	
Core Technical	BLDG 1000 Building Drafting 3.0 Credits BLDG 1405 CADD for Building 3.0 Credits BLDG 1050 Construction Materials & Processes 1 3.0 Credits	BLDG 2405 CADD App.s for Building 3.0 Credits BLDG 2050 Construction Materials & Processes 2 2.0 Credits	BLDG 2405 Comp. App.s for Bldg. 3.0 Credits BLDG 2100 Intro to Bldg. Science 2.5 Credits BLDG 2300 Constr. Estimating 1 2.5 Credits	BLDG 3251 Construction Contracts 3.0 Credits BLDG 3350 Constr. Specifications 2.0 Credits BLDG 3300 Constr. Estimating 2 4.0 Credits	BLDG 4405 Computer Graphics in Architecture 2.5 Credits BLDG 4500 Codes & Regulations 2.0 Credits BLDG 4305 † Computer-Based Estimating 2.5 Credits		33.5	Technology Elective			Professional Elective** 3.0 credits	Professional Elective(s)** 3.0 credits	6	
Communication	COMM 1140 Technical Comm. for Bldg. 3.0 Credits	COMM 2250 Technical Comm. 2 for Bldg. 3.5 Credits					6.5	Communication	ARSC 7140 Graphic Comm. 3.0 credits	ARSC 7150 Technical Language of Architecture 3.0 credits	ARSC 8200 Presentation Skills 1.0 credits		7	
Management		BLDG 2150 Intro. to Economics for Bldg. 2.5 Credits			BLDG 4400 Constr. Management 2.0 Credits OPMT 1260 Management Eng. 1 for Bldg. 2.0 Credits			Management		BUSA 7250 Management Skills & Applications 3.0 credits		ARSC 8070 Project Delivery 2.0 credits	5	
Total weeks	Total credits	15	30	10	31	10	30	15	31	10	30	10	26	138.5
Total weeks	Total credits	15	18	15	18	15	19	15	20	75				

*Economics option plus BLDG 3000/4000 or 3100/4100 required for continuation to Level 5