BCIT

MEng - Full-time Program Map

Master of Engineering in Building Science

MEng Program Cluster	Term 1 Sept-Dec 15 wks	Term 2 Jan-Apr 15 wks	Term 3 May-Dec 30 wks	Term 4 Sep-Dec 15 wks	Credit Totals
Core Technical Courses	**BSCI 9000** Building Science 1 **3 credits** **BSCI 9020** Building Materials **3 credits**	**BSCI 9120** Building Envelope 1 **3 credits** **BSCI 9130** Building Energy Performance **3 credits**			**12**
Elective Technical Courses	**BSCI 9060** Building Science Acoustics **3 credits**	**BSCI 9100** Building Environment and Climate **3 credits** **BSCI 9150** Mechanical Systems and Control **3 credits**	**BSCI 9220** Building Envelope 2 **3 credits** **(15 weeks)** **BSCI 9230** Measurement & Verification **3 credits** **(15 weeks)** **BSCI 9250** Advanced Energy Simulation **3 credits** **(15 weeks)**	**BSCI 9170** Ventilation and IAQ **3 credits**	**Path 1: 18** **Path 2: 9**
	BSCI 9090 Directed Studies **3 credits**	**BSCI 9090** Directed Studies **3 credits**	**BSCI 9090** Directed Studies **3 credits (15 weeks)**	**BSCI 9090** Directed Studies **3 credits**	
	Optional: Students my take one 3-credit elective at another institution. This course must be senior level, should contribute to the engineering training in Building Science, and must be needed to undertake the final MEng project. Must be approved by the student's supervisor.				
	Optional Approved Technical Elective	Optional Approved Technical Elective	Optional Approved Technical Elective	Optional Approved Technical Elective	
Research	**BSCI 9050** Research Methods **3 credits**		**BSCI 9755** Industry/Research Project **6 credits, 30 weeks**		**Path 2: 9**
Graduate Seminars	**BSCI 9054** Graduate Seminar Orientation				**0**
	BSCI 9055 Graduate Seminar Series **(Terms 1-2)**				**0**
Total Credits Required					**30**