

Geodesy & Geomatics Engineering, University of New Brunswick

**MEng or MScE Specialization in Engineering Surveying**

MEng [courses only] (“C”):

30 credit hours (ch) of courses with at least 12 ch at the 6000 level.

MScE [research with thesis] (“T”):

12 credit hours (ch) at the 6000 level plus masters thesis plus 2 graduate seminars.

“r”: required; “e”: elective

	C	R	T
Term One [Fall]			
GGE 3122 Advanced Adjustment Calculus	r		
GGE 4022 Precision Surveying	r		
GGE 6001 Advanced Engineering and Mining Surveying		e	e
<b>Total ch</b>	<b>6</b>		
Term Two [Winter]			
GGE 3022 Survey Design and Analysis	r		
GGE 4211 Geodesy II	e		
GGE 5041 Engineering Surveying	e	e	
GGE 5061 Mining Surveying	e	e	
GGE 5093 Industrial Metrology	e	e	
GGE 6102 Quantitative Analysis in Geomatics	r	r	r
GGE 6122 Approximation and Time Series			e
GGE 6242 Extraterrestrial Positioning			e
GGE 6332 Engineering Applications of Photogrammetry		e	e
GGE 6910 Graduate Seminar			r
GGE 6921 Research		e	e
GGE 6997 Thesis			r
	<b>&gt; 6</b>	<b>&gt; 3</b>	<b>&gt; 9</b>
Term Three [Summer or Fall]			
GGE 6001 Advanced Engineering and Mining Surveying	e	e	e
GGE 6031 Advanced Topics in Geodetic Surveying	e	e	e
GGE 6521 Surveying Economics and Management	e	e	e
GGE 6910 Graduate Seminar		r	r
GGE 6922 Research		e	e
GGE 6997 Thesis			r
		<b>&gt; 6</b>	<b>&gt; 6</b>

Courses from other Departments may be taken with prior approval.