

Honours in Ophthalmic Medical Technology (127 credits)	Honours in Ophthalmic Medical Technology (118 credits)
Requirements 2003-2005	New structure 2006
Compulsory first-year credits 37 Suggested course stream for full-time students	Compulsory first-year credits 30 Suggested course stream for full-time students
Fall:	Fall:
BIO1120 Introduction to Organismal Biology -4	BIO1130 Introduction to Organismal Biology 3
CHM1310 Principles of Chemistry -4	CHM1311 Principles of Chemistry 3
MAT1320 Calculus I -3	MAT1330 Calculus for the Life Sciences I 3
PHY1201 Physics Laboratory -3	
PHY1301 Principles of Physics I 3	PHY1321 Principles of Physics I 3
PSY1102 Introduction to Applied Psychology 3	PSY1102 Introduction to Applied Psychology 3
Winter:	Winter:
BIO1110 Introduction to Cell Biology -4	BIO1140 Introduction to Cell Biology 3
CHM1320 Organic Chemistry I -4	CHM1321 Organic Chemistry I 3
MAT1323 Calculus and Matrix Algebra 3	
PHY1302 Principles of Physics II 3	MAT1332 Calculus for the Life Sciences II 3
ENG1100 Workshop in Essay Writing 3	PHY1322 Principles of Physics II 3
	ENG1100 Workshop in Essay Writing 3
Compulsory second-year credits 32	Compulsory second-year credits 30
Fall:	Fall:
BIO3124 General Microbiology 3	BIO3124 General Microbiology 3
CHM2120 Organic Chemistry II 3	CHM2120 Organic Chemistry II 3
CHM2126 Laboratory of Organic Chemistry II -2	CHM2123 Laboratory of Organic Chemistry II 3
CHM2132 Physical Chemistry for the Life Sciences 3	CHM2132 Physical Chemistry for the Life Sciences 3
MAT2378 Probability and Statistics for the Natural Sciences 3	MAT2378 Probability and Statistics for the Natural Sciences 3
Winter:	Winter:
BCH2140 Introduction to Biochemistry 3	BCH2333 Introduction to Biochemistry 3
BCH2336 Biochemistry Laboratory I -2	
BIO2123 Genetics -4	BIO2133 Genetics 3
Nine credits of science electives 9	Nine credits of science electives 9
Recommended science electives:	Recommended science electives:
PHA4107 Introductory Pharmacology- Drugs and Living Systems 3	PHA4107 Introductory Pharmacology- Drugs and Living Systems 3
PHS3240 Mammalian Physiology 3	PHS3240 Mammalian Physiology 3
PHY2310 Applied Optics -3	PHY2311 Waves and Optics 3
Compulsory third-year credits 28	Compulsory third-year credits 28
Fall:	Fall:
OMT3110 Ocular Anatomy & Physiology 1	OMT3110 Ocular Anatomy & Physiology 1
OMT3111 Optics and Optical Instruments 1	OMT3111 Optics and Optical Instruments 1
OMT3112 Refractometry 2	OMT3112 Refractometry 2

OMT3113 Perimetry	1	OMT3113 Perimetry	1
OMT3114 Ophthalmic Photography	2	OMT3114 Ophthalmic Photography	2
OMT3115 Basic Science Ophthalmic Seminars	2	OMT3115 Basic Science Ophthalmic Seminars	2
OMT3210 Introduction to Ophthalmic Technology : Basic Skills-1	4	OMT3210 Introduction to Ophthalmic Technology : Basic Skills-1	4
OMT3130 Clinical Application-1	5	OMT3130 Clinical Application-1	5
Winter:		Winter:	
OMT3117 Glaucoma	1	OMT3117 Glaucoma	1
OMT3118 Neuro-Ophthalmology	1	OMT3118 Neuro-Ophthalmology	1
OMT3119 Ocular Motility-1	1	OMT3119 Ocular Motility-1	1
OMT3120 Biometry	1	OMT3120 Biometry	1
OMT3121 Ophthalmic Microbiology	1	OMT3121 Ophthalmic Microbiology	1
OMT3140 Clinical Application-II	5	OMT3140 Clinical Application-II	5
Compulsory fourth-year credits	30	Compulsory fourth-year credits	30
Fall :		Fall :	
OMT4110 Contact Lenses	1	OMT4110 Contact Lenses	1
OMT4111 Ocular Motility-II	1	OMT4111 Ocular Motility-II	1
OMT4112 Ophthalmic Photography-II	1	OMT4112 Ophthalmic Photography-II	1
OMT4113 Ophthalmic Pharmacology-II	1	OMT4113 Ophthalmic Pharmacology-II	1
OMT4114 Basic Ophthalmic Science Seminars	2	OMT4114 Basic Ophthalmic Science Seminars	2
OMT4210 Introduction to Ophthalmic Technology : Basic Skills-II	3	OMT4210 Introduction to Ophthalmic Technology : Basic Skills-II	3
OMT4130 Clinical Application-III	7	OMT4130 Clinical Application-III	7
Winter:		Winter:	
OMT4115 Electrodiagnostics	1	OMT4115 Electrodiagnostics	1
OMT4117 Low Vision	1	OMT4117 Low Vision	1
OMT4118 Advanced Perimetry	1	OMT4118 Advanced Perimetry	1
OMT4119 Common Ocular Complaints	2	OMT4119 Common Ocular Complaints	2
OMT4120 Abnormalities of the Eye	1	OMT4120 Abnormalities of the Eye	1
OMT4140 Clinical Application-IV	8	OMT4140 Clinical Application-IV	8