Metropolia UAS
Optometry, Bachelor's Degree

		Extent of credits	Low Vision	Pediatric Vision Health Care	Basic Medical Studies	Visual Perception	Eye Examination and Orthoptics	Contact Lens Fitting	Spectacle Technology	Eye Diseases and Abnormal Ocular Condition	Visual Ergonomics	Visual Optics	**Ethics**	**Proactive Development**	**Internationality and Multiculturalism**	**Sustainable development**	**Learning to learn**	**Operating in a workplale**
1st Year of study [ammatillisen asiantuntijuuden taso / Osaamistavoittee t]	Learning Skills and Introduction to Studying	5											x			x	x	x
	Spectacle application and manufacturing	10							x				x	x		x	x	x
	General Anatomy and Physiology	5			x								x	x				x
	Dispensing in Optometric Practice	5							x				x	x	x	x	x	x
	Optics of the Spectacle Lenses	5										x	x	x		x		x
	Optics and Applications in Optometry	10										x		x				x
	Basics of the Eye Examination	5					x						x	x		x		x
	Ocular Anatomy and Physiology, Clinical Microbiology and Investigative Techniques	10			x								x	x			x	x
	Refraction	5					x						x	x		x		x
	In total	**60**																
2nd Year of study [ammatillisen asiantuntijuuden taso / Osaamistavoittee t]	Binocular Vision	10					x						x	x		x		x
	Visual Perception	5				x							x	x				x
	Visual Ergonomics and Swedish Language Skill	5									x		x	x				x
	Orthoptics and Work Placement	10					x						x	x		x	x	x
	Contact Lens Fitting and Work Placement	15						x					x	x		x		x
	Pathology and Pharmacology	10			x								x	x				x
	Methods of Research and Development	5											x	x		x		x
	In total	**60**																
3rd Year of study [ammatillisen asiantuntijuuden taso / Osaamistavoittee t]	Multidisciplinary Innovation Project	10								x			x	x	x	x		x
	Planning of the Bachelor's Thesis	5											x	x		x		x
	Abnormal Ocular Condition and Refractive Su	15								x			x	x				x
	Pediatric Eye Diseases and Vision	5		x									x	x				x
	Work Placement in Optometric Practice	10						x					x	x		x		x
	Low Vision Patient and Elderly People	5	x										x	x		x		x
	Entrepreneurship and Management in the Soci	5											x	x		x		x
	Execution of the Thesis Work	5											x	x		x		x
	In total	**60**																
4th Year of study [ammatillisen asiantuntijuuden taso /	Optometrist as a Health Care Professional an	15					x						x	x		x		x
	Reporting of the Thesis and Maturity Test	5											x	x		x		x
	Vapaasti valittavat opinnot	10																
	In total	**30**																