

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	Learning competence	Ethical competence	Working community competence	Innovation competence	Multicultural competence	Technological competence
1st Year of study [ammattillisen asiantuntijuuden taso / Osaamistavoitteet]	Learning Skills and Introduction to Studying	5											x					
	Spectacle application and manufacturing	10							x						x			x
	General Anatomy and Physiology	5			x									x	x		x	
	Dispensing in Optometric Practice	5							x					x	x		x	
	Optics of the Spectacle Lenses	5									x				x			
	Optics and Applications in Optometry	10										x						x
	Basics of the Eye Examination	5					x							x				x
	Ocular Anatomy and Physiology, Clinical Microbiology and Investigative Techniques	10			x													
	Refraction	5					x							x	x			x
	In total	60																
2nd Year of study [ammattillisen asiantuntijuuden taso / Osaamistavoitteet]	Binocular Vision	10					x								x			
	Visual Perception	5				x												
	Visual Ergonomics and Swedish Language Skill	5									x				x			
	Orthoptics and Work Placement	10					x								x			
	Contact Lens Fitting and Work Placement	15						x							x			
	Pathology and Pharmacology	10			x													
	Basics of Research and Development	5												x				
	In total	60																
3rd Year of study [ammattillisen asiantuntijuuden taso / Osaamistavoitteet]	Multidisciplinary Innovation Project	10								x							x	
	Planning of the Bachelor's Thesis	5															x	
	Abnormal Ocular Condition and Refractive Surge	15								x								
	Pediatric Eye Diseases and Vision	5		x											x			
	Work Placement in Optometric Practice	10						x										
	Low Vision Patient and Elderly People	5	x												x			
	Entrepreneurship and Management in the Social	5													x			
	Implementing the Bachelor's Thesis	5														x		
	In total	60																
4th Year of study [ammattillisen asiantuntijuuden taso / Osaamistavoitteet]	Optometrist as a Health Care Professional and the	15					x							x	x			
	Reporting and Publication of the Bachelor's Thesis	5															x	
	Vapaasti valittavat opinnot	10																
	In total	30																