Biomedical Labor	atory Science															
		extent of credits	Natural scientific and medical competence	The pre-analytical phase of the laboratory test process	The analytical phase of the laboratory test process	The post-analytical phase of the laboratory test process	Client service and couseling competence	Quality, security and risk management competence	work	Research, development and managerial competence	Learning to learn	Ethics	Operating in a workplace	Proactive development	Internationality and multiculturalism	Sustainable development
Biomedical	Learning Skills and Introduction to Studying	5			1	_))	X	X	×	X			_	0)
Laboratory Scientist identifying	Anatomy, Physiology and Pathophysiology Clinical Treatment in Clinical Laboratory Work	5 5	Х	х			х		х			х				
clinical laboratory	Client Service and Counseling	5		X			X	х	X			X	х		х	
work related	Preanalytics	10		Х		Х	Х	Х	Х			Х			Χ	
competence	Methods in Laboratory Work Mathematics and Physics	5 5	X					X		v						Х
	Point-of –Care Testing and Health Technology	5 5	Х	х	х	х	х	X	х	X		х				
	Chemistry	5	х	^	^	^	^	^	^	^		^				
	Work Placement at Health Care Laboratories I	5		Х	Х	Х	Х	Х	Х		Х		Х		Χ	Х
	Immunology	5	Х		Х	Х		Х								
	In total	60														
Biomedical	Blood banking	5		Х	Х	Х	Х	Х	Х							
Laboratory	Cell biology	5	х		Х	Х		Х								
Scientist as an	Clinical Biochemistry	5	Х													
actor in Clinical	Molecular genetic	5	Х		Х	Х	Х	Х	Х			Х				
Laboratory Work	Clinical Haematology Clinical Chemisty	10 10		X	X X	X	X	X	X							
	Methods for Research and Development Work	5		^	^	Х	Х	Х	X	х		х		х		
	Work Placement at Health Care Laboratories II	15		х	х	х	Х	х	Х	Х	Х		Х		Х	Х
	Wi da ana "	00														
Biomedical	Yhteensä Multidisciplinary Innovation Project	60								v		v		V		Х
Laboratory	Clinical cytology	5		х	х	х	х	х	х	Х		^		Х		^
Scientist as an	Clinical histology	5		X	Х	Х	Х	Х	Х							
actor in Clinical	Clinical microbiology	10		Χ	Χ	Χ	Χ	Χ	Χ							
laboratory work	Planning of the Thesis Work	5								Х	Χ	Х	Х	Х		
	Clinical Physiology, Clinical Neurophysiology and Clinical Nuclear Medicine	10		х	х	х	х	Х	х							
	Entrepreneurship and Management in the Social	10		^	^	^	^	^	^							
	and Health Care Sector	5								х			Х			х
	Metropolia's elective modules	10														
	Yhteensä	60														
Biomedical	Execution of the Thesis Work	60								Х	Х	Х	Х	Х	I	
Laboratory	Reporting and Usefulness of the Thesis and	3								^	^	^	^	^		
Scientist as a	Maturity Test	5								Х	х	Х	Х	Х		
developer in	Work Placement at Health Care Laboratories III	15		х	X	х	х	х	х	х	Χ		Х		Х	х
Clinical laboratory	Metropolia's elective modules	5														
work	Yhteensä	30														

