

Post-initial Master of Science in Health Sciences - 70 EC points - 2020-2021										
Calendar	Course code	Course	EC	EC points* per specialisation						
COMMON CORE				EP	CE	GE	PH	Bstat	MP	HDS
Aug 2020	ESP01	Principles of Research in Medicine and Epidemiology	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Aug-Sept 2020	CC01	Study Design	4,3	4,3	4,3	4,3	4,3	4,3	4,3	4,3
Sept-Oct 2020	CC02	Biostatistical Methods I: Basic Principles	5,7	5,7	5,7	5,7	5,7	5,7	5,7	5,7
Nov-Dec 2020	EPO3	Biostatistical Methods II: Classical Regression Models	4,3	4,3	4,3	4,3	4,3	4,3	4,3	4,3
Jan-Jul 2021	M-RES	Research	33,0	33,0	33,0	33,0	33,0	33,0	33,0	33,0
May-Jun 2021	SC02	Introduction to Medical Writing	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Sept 2020-Jun 2021	LLS	Lifelong Learning Skills	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Common core TOTAL EC points			51	51,0	51,0	51,0	51,0	51,0	51,0	51,0
REQUIRED				EP	CE	GE	PH	Bstat	MP	HDS
ESP YR 1	Aug 2020	ESP11	Methods of Public Health Research	0,7	0,7	0,7	0,7	0,7	0,7	0,7
	Aug 2020	ESP25	Health Economics	0,7	0,7					0,7
	Aug 2020	ESP41	Introduction to Global Public Health	0,7	0,7	0,7	0,7	0,7	0,7	0,7
	Aug 2020	ESP42	Methods of Health Services Research	0,7			0,7			
	Aug 2020	ESP43	Principles of Genetic Epidemiology	0,7		0,7				
	Aug 2020	ESP57	Genomics in Molecular Medicine	1,4		1,4				
	Aug 2020	ESP61	Social Epidemiology	0,7	0,7		0,7		0,7	
	Aug 2020	ESP65	The Practice of Epidemiologic Analysis	0,7	0,7	0,7	0,7		0,7	0,7
	Aug 2020	ESP70	Fundamentals of Medical Decision Making	0,7	0,7	0,7			0,7	0,7
	Aug 2020	ESP74	Genome-wide Association Studies	0,7		0,7				
	Aug 2020	ESP75	Human Epigenomics	0,7		0,7				
Aug / Oct 2020	BST01	Review of Mathematics and Introduction to Statistics (Bstat in Aug, HDS in Oct)	1,0					1,0		1,0
FALL SEMESTER	Oct 2020	CE01	Clinical Translation of Epidemiology	2,0		2,0			2,0	
	Oct 2020	GE14	Linux for Scientists	0,6		0,6				
	Oct-Nov 2020	GE02	Genetic-epidemiologic Research Methods	5,1		5,1				
	Oct-Nov 2020	HS02	Public Health Research: part a, b and c	5,7			5,7			
	Oct-Nov 2020	MP01	Psychology in Medicine	5,7					5,7	
	Oct-Nov 2020	CE02	Clinical Epidemiology	3,7		3,7			3,7	3,7
	Nov 2020	MP02	The Placebo Effect	1,4					1,4	
	Nov 2020	GE08	SNPs and Human Diseases	1,4		1,4				
Nov 2020	EPO1	Principles in Causal Inference	1,4	1,4	1,4			1,4	1,4	
WINTER-SPRING SEMESTER	Winter 2021	GE03	Advances in Genome-Wide Association Studies	1,4		1,4				
	Winter 2021	GE10	Mendelian Randomisation	0,9		0,9				
	Winter 2021	EWPO2	Advanced topics in Decision-making in Medicine	2,4						1,4
	Winter 2021	CE16	Using R for Decision Modeling, Simulation, and Health Technology Assessment	1,1						1,4
	Winter 2021	BST02	Intermediate Course in R	1,4				1,4		
	Winter 2021	MP03	Psychopharmacology	1,4					1,4	
	Winter 2021	MP05	Preventing Failed Intervention Research	1,4					1,4	
	Winter 2021	GE13	An Introduction to the Analysis of Next-generation Sequencing Data	1,4		1,4				
	Spring 2021	HS11	Quality of Life Measurement	0,9						0,9
	Spring 2021	CE08	Repeated Measurements	1,7		1,7			1,7	
	Spring 2021	CE09	Bayesian Statistics	1,4					1,4	
	Spring 2021	EP16	Missing Values in Clinical Research	1,7					1,7	
	Spring 2021	PU03	Site Visit to the Municipal Health Center	0,3			0,3			
	Spring 2021	PU04	Integration Module	0,3			0,3			
ESP YR 2	Aug 2021	ESP48	Causal Inference	1,4	1,4					
	Aug 2021	ESP69	Causal Mediation Analysis	1,4	1,4					
	Aug 2021	ESP77	Advances in Clinical Epidemiology	0,7	0,7	0,7				
Required TOTAL EC points				8,4	13,0	14,3	9,8	15,0	14,3	12,4
ELECTIVES				EP	CE	GE	PH	Bstat	MP	HDS
Oct-Nov 2020	EP students choose between either:			5,7						
	CE01	Clinical Translation of Epidemiology AND	2,0							
	CE02	Clinical Epidemiology	3,7							
	OR									
HS02	Public Health Research: part a, b and c	5,7								
	PH students choose at least 2.2 EC points out of the following courses:						2,2			
	HS04	Medical Demography	1,1							
	HS05	Planning and Evaluation of Screening	1,4							
	HS09	Maternal and Child Health	0,9							
	HS11	Quality of Life Measurement	0,9							
	HS18	From Problem to Solution in Public Health	1,1							
PU06	Public Health in Low and Middle Income Countries	3								
	Advanced elective courses			4,9	6,0	4,7	7,0	4,0	4,7	6,6
Electives TOTAL EC points (max 1,4 extra points)				10,6	6,0	4,7	9,2	4,0	4,7	6,6
TOTAL EC points				70,0	70,0	70,0	70,0	70,0	70,0	70,0

Specialisations: EP = Epidemiology, CE = Clinical Epidemiology, GE = Genomic and Molecular Epidemiology (previously Genetic Epidemiology), PH = Public Health Epidemiology (previously Public Health), Bstat = Biostatistics, MP = Medical Psychology, HDS = Health Decision Sciences

* 1.4 EC points = 1 week

Year 1 = August 2020 until July 2021

Year 2 = August 2021

Master of Science in Health Sciences - Executive Programme - 70 EC points - start 2020							
Calendar	Course code	Course	EC	EC points* per specialisation			
COMMON CORE				EP	CE	GE	HDS
Aug 2020	ESP01	Principles of Research in Medicine and Epidemiology	0,7	0,7	0,7	0,7	0,7
Aug-Sept 2020	CC01	Study Design	4,3	4,3	4,3	4,3	4,3
Aug 2021	ESP03	Introduction to Data-analysis	1,0	1,0	1,0	1,0	1,0
Aug 2021	ESP09	Regression Analysis	1,9	1,9	1,9	1,9	1,9
Aug 2021	ESP15	Topic in Meta-analysis	0,7	0,7	0,7	0,7	0,7
Winter 2022	EWP24	Survival Analysis	1,9	1,9	1,9	1,9	1,9
Sep 2020-Jun 2022	SUSC-RES	Research	35,4	35,4	35,4	35,4	35,4
Sept 2020-Jun 2022	LLS	Lifelong Learning Skills	1,0	1,0	1,0	1,0	1,0
Common core TOTAL EC points			46,9	46,9	46,9	46,9	46,9
REQUIRED				EP	CE	GE	HDS
ESP YR 1	Aug 2020	ESP11	Methods of Public Health Research	0,7	0,7	0,7	0,7
	Aug 2020	ESP25	Health Economics	0,7	0,7	0,7	0,7
	Aug 2020	ESP41	Introduction to Global Public Health	0,7	0,7	0,7	0,7
	Aug 2020	ESP43	Principles of Genetic Epidemiology	0,7			0,7
	Aug 2020	ESP57	Genomics in Molecular Medicine	1,4			1,4
	Aug 2020	ESP61	Social Epidemiology	0,7	0,7		
	Aug 2020	ESP65	The Practice of Epidemiologic Analysis	0,7	0,7	0,7	0,7
	Aug 2020	ESP70	Fundamentals of Medical Decision Making	0,7	0,7	0,7	0,7
	Aug 2020	ESP74	Genome-wide Association Studies	0,7			0,7
Aug 2020	ESP75	Human Epigenomics	0,7			0,7	
2020-2021	Oct 2020	BST01	Review of Mathematics and Introduction to Statistics	1,0			1,0
	Oct 2020	CE02	Clinical Epidemiology	3,7	3,7	3,7	3,7
	Oct 2020	GE14	Linux for Scientists	0,6			0,6
	Oct-Nov 2020	GE02	Genetic-epidemiologic Research Methods	5,1			5,1
	Nov 2020	GE08	SNPs and Human Diseases	1,4			1,4
	Winter 2021	EWP10	Advanced Clinical Trials	1,9	1,9	1,9	
	Winter 2021	GE03	Advances in Genome-Wide Association Studies	1,4			1,4
	Winter 2021	EWP02	Advanced topics in Decision-making in Medicine	2,4			1,4
	Winter 2021	CE16	Using R for Decision Modeling, Simulation, and Health Technology Assessment	1,1			1,4
	Winter-Spring 2022	EWP03	Pharmaco-epidemiology and Drug Safety	1,9	1,9		
2021-2022	Winter-Spring 2022	EWP13	Advanced Analysis of Prognosis Studies	0,9	0,9		
	Winter-Spring 2022	CE08	Repeated Measurements	1,7		1,7	1,7
ESP YR 3	Aug 2022	ESP48	Causal Inference	1,4	1,4		
	Aug 2022	ESP62	Markers and Prediction Research	0,7			0,7
	Aug 2022	ESP69	Causal Mediation Analysis	1,4	1,4		
	Aug 2022	ESP77	Advances in Clinical Epidemiology	0,7	0,7		
Required TOTAL EC points				15,4	10,8	12,0	13,4
ELECTIVES				EP	CE	GE	HDS
		Advanced elective courses		7,7	12,3	11,1	9,7
Electives TOTAL EC points (max 1.4 extra points)				7,7	12,3	11,1	9,7
TOTAL EC points				70,0	70,0	70,0	70,0

Specialisations: EP = Epidemiology, CE = Clinical Epidemiology, GE = Genomic and Molecular Epidemiology (previously Genetic Epidemiology), HDS = Health Decision Sciences

* 1.4 EC points = 1 week

Year 1 = August 2020 until July 2021
Year 2 = August 2021 until July 2022
Year 3 = August 2022

Research Master of Science in Health Sciences - 120 EC points - 2020-2022												
Calendar	Course code	Course	EC	EC points** per specialisation								
COMMON CORE				EP	CE	GE	PH	HEA	MP	Bstat	HDS	Medical students
Aug 2020	ESP01	Principles of Research in Medicine and Epidemiology	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Aug-Sept 2020	CC01	Study Design	4,3	4,3	4,3	4,3	4,3	4,3	4,3	4,3	4,3	4,3
Sept-Oct 2020	CC02	Biostatistical Methods I: Basic Principles	5,7	5,7	5,7	5,7	5,7	5,7	5,7	5,7	5,7	5,7
Nov-Dec 2020	EP03	Biostatistical Methods II: Classical Regression Models	4,3	4,3	4,3	4,3	4,3	4,3	4,3	4,3	4,3	4,3
Nov 2021-Jan 2022	SC07	Scientific Writing in English for Publication	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Sep 2020-Jun 2022	PEP	Personal Education Plan	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Sep 2020-Jun 2022	LLS	Lifelong Learning Skills	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Common core TOTAL EC points				19,8	19,8	19,8	19,8	19,8	19,8	19,8	19,8	19,8
REQUIRED				EP	CE	GE	PH	HEA	MP	Bstat	HDS	Med
Aug 2020	ESP11	Methods of Public Health Research	0,7	0,7	0,7		0,7	0,7	0,7			0,7
Aug 2020	ESP25	Health Economics	0,7		0,7			0,7				0,7
Aug 2020	ESP41	Introduction to Global Public Health	0,7	0,7	0,7		0,7	0,7	0,7	0,7		0,7
Aug 2020	ESP42	Methods of Health Services Research	0,7				0,7					
Aug 2020	ESP43	Principles of Genetic Epidemiology	0,7			0,7						
Aug 2020	ESP57	Genomics in Molecular Medicine	1,4			1,4						
Aug 2020	ESP61	Social Epidemiology	0,7	0,7			0,7		0,7			
Aug 2020	ESP65	The Practice of Epidemiologic Analysis	0,7	0,7	0,7		0,7		0,7			0,7
Aug 2020	ESP70	Fundamentals of Medical Decision Making	0,7	0,7	0,7			0,7	0,7			0,7
Aug 2020	ESP74	Genome-wide Association Studies	0,7			0,7						
Aug 2020	ESP75	Human Epigenomics	0,7			0,7						
Aug / Oct 2020	BST01	Review of Mathematics and Introduction to Statistics (Bstat in Aug, HDS in Oct)	1,0							1,0		1,0
Oct 2020	CE01	Clinical Translation of Epidemiology	2,0		2,0						2,0	
Oct-Nov 2020	CE02	Clinical Epidemiology	3,7		3,7						3,7	3,7
Oct 2020	GE14	Linux for Scientists	0,6			0,6						
Oct-Nov 2020	MP01	Psychology in Medicine	5,7						5,7			
Nov 2020	MP02	The Placebo Effect	1,4						1,4			
Oct-Nov 2020	GE02	Genetic-epidemiologic Research Methods	5,1			5,1						
Oct-Nov 2020	HS02	Public Health Research: part a, b and c	5,7				5,7					
Oct-Dec 2020	GW4546M	HealthTechnology Assessment	5,0					5,0				
Nov 2020	GE08	SNPs and Human Diseases	1,4			1,4						
Nov 2020	EP01	Principles in Causal Inference	1,4	1,4	1,4					1,4	1,4	
Winter 2021	GE03	Advances in Genome-Wide Association Studies	1,4			1,4						
Winter 2021	GE10	Mendelian Randomisation	0,9			0,9						
Winter 2021	EWPO2	Advanced topics in Decision-making in Medicine	2,4									1,4
Winter 2021	CE16	Using R for Decision Modeling, Simulation, and Health Technology Assessment	1,1									1,4
Winter 2021	MP03	Psychopharmacology	1,4						1,4			
Winter 2021	MP05	Preventing Failed Intervention Research	1,4						1,4			
Winter 2021	GE13	An Introduction to the Analysis of Next-generation Sequencing Data	1,4			1,4						
Spring 2021	HS11	Quality of Life Measurement	0,9						0,9			
Spring 2021	CE08	Repeated Measurements (also in Spring 2021 for CE and HDS)	1,7								1,7	
Spring 2021	EP16	Missing Values in Clinical Research	1,7								1,7	
Spring 2021	PU03	Site Visit to the Municipal Health Center	0,3				0,3					
Aug 2021	ESP48	Causal Inference	1,4	1,4	1,4			1,4				
Aug 2021	ESP69	Causal Mediation Analysis	1,4	1,4								
Aug 2021	ESP77	Advances in Clinical Epidemiology	0,7	0,7	0,7							
Winter 2022	BST02	Intermediate Course in R	1,4								1,4	
Winter 2022	EWPO3	Pharmaco-epidemiology and Drug Safety	1,9	1,9								
Winter 2022	EWPI0	Advanced Topics in Clinical Trials	1,9	1,9	1,9							
Winter 2022	EWPI3	Advanced Analysis of Prognosis Studies	0,9	0,9	0,9							0,9
Spring 2022	CE08	Repeated Measurements (also in Spring 2020 for Bstat)	1,7		1,7							1,7
Spring 2022	CE09	Bayesian Statistics	1,4								1,4	
Spring 2022	GW4579M	Research Topics in Health Economics	5,0					5,0				
Spring 2022	FEM11087	Quantitative Methods for Applied Economics	4,0					4,0				
Spring 2022	PU04	Integration Module	0,3				0,3					
Spring 2021	PU06	Public Health in Low and Middle Income Countries	3,0				3,0					
Jan 2021-Jul 2022	RM-RES	Research	67,0	67,0	67,0	67,0	67,0	67,0	67,0	67,0	67,0	
Jan 2021-Jul 2022	RM-RES-MED	Research	65,0									65,0
After MSc Med	FE	Final Exam	2,0									2,0
Required TOTAL EC points				80,1	84,2	81,3	79,8	85,2	81,3	82,0	82,0	
ELECTIVES				EP	CE	GE	PH	HEA	MP	Bstat	HDS	Med
Oct-Nov 2020	EP students choose between either:			5,7								
	CE01	Clinical Translation of Epidemiology AND	2,0									
	CE02	Clinical Epidemiology	3,7									
	OR											
HS02	Public Health Research: part a, b and c	5,7										
	HEA students choose at least 10 EC points out of the following courses:							10,0				
	GW4568M	Economics of Health and Health Care	5,0									
	GW4548M	Behavioural Decision Theory in Health	5,0									
	GW4580M	Measurement of Patient Preferences Using Discrete Choice Experiments	5,0									
	GW4582M	Global Health Economics	5,0									
	GW4587M	Advanced Health Economic Modelling - limited number of places available	5,0									
	GW4575M	Pharmaceutical Pricing and Market Access (PPMH)	5,0									
	EWPO2	Advanced Topics in Decision-making in Medicine	2,4									
CE16	Using R for Decision Modeling, Simulation, and Health Technology Assessment	1,1										
CE15	Advanced Decision Science Modeling	1,4										
	PH students choose at least 2.8 EC points out of the following courses:						2,8					
	HS04	Medical Demography	1,1									
	HS05	Planning and Evaluation of Screening	1,4									
	HS09	Maternal and Child Health	0,9									
	HS11	Quality of Life Measurement	0,9									
	HS18	From Problem to Solution in Public Health	1,1									
Electives TOTAL EC points (max 2,8 extra points)				20,1	16,0	18,9	17,6	5,0	18,9	18,2	18,2	
TOTAL EC points				120,0	120,0	120,0	120,0	120,0	120,0	120,0	120,0	120,0

EC points according to chosen specialisation except for research and final exam

EC points according to chosen specialisation

Specialisations: EP = Epidemiology, CE = Clinical Epidemiology, GE = Genomic and Molecular Epidemiology (previously Genetic Epidemiology), PH = Public Health Epidemiology (previously Public Health), HEA = Health Economic Analysis, MP = Medical Psychology, Bstat = Biostatistics, HDS = Health Decision Sciences, Med = Medical students

** 1.4 EC points = 1 week

Year 1 = August 2020 until July 2021
Year 2 = August 2019 until July 2022

Research Master in Clinical Research - 120 EC points - 2020-2022					
Calendar	Course code	Course	EC	EC points* per specialisation	
COMMON CORE				CR	Medical students
Aug 2020	ESP01	Principles of Research in Medicine and Epidemiology	0,7	0,7	0,7
Aug-Sept 2020	CC01	Study Design	4,3	4,3	4,3
Sept-Oct 2020	CC02	Biostatistical Methods I: Basic Principles	5,7	5,7	5,7
Nov-Dec 2020	EPO3	Biostatistical Methods II: Classical Regression Models	4,3	4,3	4,3
Nov 2021-Jan 2022	SC07	Scientific Writing in English for Publication	2,0	2,0	2,0
Sep 2020-Jun 2022	PEP	Personal Education Plan	0,8	0,8	0,8
Sep 2020-Jun 2022	LLS	Lifelong Learning Skills	2,0	2,0	2,0
Common core TOTAL EC points			19,8	19,8	19,8
REQUIRED				CR	Med
ESP YR 1	Aug 2020	ESP11	Methods of Public Health Research	0,7	0,7
	Aug 2020	ESP41	Introduction to Global Public Health	0,7	0,7
	Aug 2020	ESP65	The Practice of Epidemiologic Analysis	0,7	0,7
	Aug 2020	ESP70	Fundamentals of Medical Decision Making	0,7	0,7
FALL YR 1	Aug 2020	BST01	Review of Mathematics and Introduction to Statistics	1,0	1,0
	Oct 2020	CE01	Clinical Translation of Epidemiology	2,0	2,0
	Oct-Nov 2020	CE02	Clinical Epidemiology	3,7	3,7
	Nov 2020	EP01	Principles in Causal Inference	1,4	1,4
YEAR 2	Winter-Spring 2022	EWPO3	Pharmaco-epidemiology and Drug Safety	1,9	1,9
	Winter-Spring 2022	EWP10	Advanced Topics in Clinical Trials	1,9	1,9
	Winter-Spring 2022	EWP13	Advanced Analysis of Prognosis Studies	0,9	0,9
	Jan 2021-Jul 2022	RM.RES	Research	67,0	67,0
	Jan 2021-Jul 2022	RM-RES-MED	Research (incl. Final Exam)	67,0	65,0
	After MSc Med	FE	Final Exam	2,0	2,0
Required TOTAL EC points				82,6	82,6
ELECTIVES				CR	Med
		Advanced elective courses		17,6	17,6
Electives TOTAL EC points (max 2,8 extra points)				17,6	17,6
TOTAL EC points				120,0	120,0

Specialisations: CR = Clinical Research, Med = Medical students

* 1.4 EC points = 1 week

Year 1 = August 2020 until July 2021

Year 2 = August 2021 until July 2022

Postgraduate Programme - 70 EC points - 2020-2021				
Calendar	Course code	Course	EC points	
REQUIRED				
ESP YR 1	Aug 2020	ESP48	Causal Inference	1,4
	Aug 2020	ESP69	Causal Mediation Analysis	1,4
	Aug 2020	ESP77	Advances in Clinical Epidemiology	0,7
WINTER- SPRING	Winter 2021	BST02	Intermediate Course in R	1,4
	Spring 2021	CE09	Bayesian Statistics	1,4
	Sep 2020-Jun 2021	PCE-RES	Research postgraduate certificate	60,9
Required TOTAL EC points			67,2	
ELECTIVES				
		Advanced elective courses	2,8	
Electives TOTAL EC points (max 1,4 extra points)			2,8	
TOTAL EC points			70,0	

* 1.4 EC points = 1 week

Year 1 = August 2020 until July 2021