

Post-initial Master of Science in Health Sciences - 70 EC points - 2019-2020											
Calendar	Course code	Course	EC	EC points* per specialisation							
COMMON CORE				EP	CE	GE	PH	Bstat	MP	HDS	
Aug 2019	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 2019	CC01	Study Design	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	
Sept-Oct 2019	CC02	Biostatistical Methods I: Basic Principles	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	
Nov-Dec 2019	EP03	Biostatistical Methods II: Classical Regression Models	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	
Jan-Jul 2020	M-RES	Research	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
May-Jun 2020	SC02	Introduction to Medical Writing	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Sept 2019-Jun 2020	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 2019	ESP11	Methods of Public Health Research	0.7	0.7	0.7		0.7	0.7	0.7	
	Aug 2019	ESP14	Clinical Trials	0.7				0.7	0.7		
	Aug 2019	ESP25	Health Economics	0.7		0.7				0.7	
	Aug 2019	ESP41	Introduction to Global Public Health	0.7	0.7	0.7		0.7		0.7	
	Aug 2019	ESP42	Methods of Health Services Research	0.7				0.7			
	Aug 2019	ESP43	Principles of Genetic Epidemiology	0.7			0.7				
	Aug 2019	ESP45	Primary and Secondary Prevention Research	0.7	0.7			0.7		0.7	
	Aug 2019	ESP57	Genomics in Molecular Medicine	1.4			1.4				
	Aug 2019	ESP61	Social Epidemiology	0.7	0.7			0.7		0.7	
	Aug 2019	ESP63	Advances in Genomics Research	0.4			0.4				
	Aug 2019	ESP65	The Practice of Epidemiologic Analysis	0.7		0.7				0.7	
	Aug 2019	ESP70	Fundamentals of Medical Decision Making	0.7	0.7	0.7				0.7	0.7
	Aug 2019	ESP74	Genome-wide Association Studies	0.7			0.7				
	Aug 2019	ESP75	Human Epigenomics	0.7			0.7				
Aug / Oct 2019	BST01	Review of Mathematics and Introduction to Statistics (Bstat in Aug, HDS in Oct)	1.0					1.0		1.0	
FALL SEMESTER	Oct 2019	CE01	Clinical Translation of Epidemiology	2.0		2.0			2.0		
	Oct 2019	GE14	Linux for Scientists	0.6			0.6				
	Oct-Nov 2019	GEO2	Genetic-epidemiologic Research Methods	5.1			5.1				
	Oct-Nov 2019	HS02	Public Health Research: part a, b and c	5.7				5.7			
	Oct-Nov 2019	MP01	Psychology in Medicine	5.7					5.7		
	Oct-Nov 2019	CE02	Clinical Epidemiology	3.7		3.7			3.7	3.7	
	Nov 2019	MP02	The Placebo Effect	1.4						1.4	
	Nov 2019	GE08	SNPs and Human Diseases	1.4			1.4				
	Nov 2019	HS03a	International Comparison of Health Care Systems	1.4				1.4			
Nov 2019	EP01	Principles in Causal Inference	1.4	1.4	1.4			1.4		1.4	
WINTER-SPRING SEMESTER	Winter 2020	GE03	Advances in Genome-Wide Association Studies	1.4			1.4				
	Winter 2020	GE10	Mendelian Randomisation	0.9			0.9				
	Winter 2020	EWPO2	Advanced topics in Decision-making in Medicine	2.4						2.4	
	Winter 2020	CE16	Using R for Decision Modeling, Simulation, and Health Technology Assessment	1.1						1.1	
	Winter 2020	BST02	Intermediate Course in R	1.4					1.4		
	Winter 2020	MP03	Psychopharmacology	1.4						1.4	
	Winter 2020	MP05	Preventing Failed Intervention Research	1.4						1.4	
	Winter 2020	GE13	An introduction to the Analysis of Next-generation Sequencing Data	1.4			1.4				
	Spring 2020	CE15	Advanced Decision Modeling	1.4						1.4	
	Spring 2020	HS11	Quality of Life Measurement	0.9						0.9	
	Spring 2020	CE08	Repeated Measurements	1.7		1.7			1.7		
	Spring 2020	CE09	Bayesian Statistics	1.4					1.4		
	Spring 2020	EP16	Missing Values in Clinical Research	1.7					1.7		
	Spring 2020	PU03	Site Visit to the Municipal Health Center	0.3				0.3			
Spring 2020	PU04	Integration Module	0.3				0.3				
ESP YR 2	Aug 2020	ESP48	Causal Inference	1.4	1.4						
	Aug 2020	ESP69	Causal Mediation Analysis	1.4	1.4						
	Aug 2020	ESP77	Advances in Clinical Epidemiology	0.7	0.7	0.7					
Required TOTAL EC points				8.4	13.0	14.7	11.2	15.0	14.3	14.5	
ELECTIVES				EP	CE	GE	PH	Bstat	MP	HDS	
Oct-Nov 2019	EP students choose between either:										
	CE01	Clinical Translation of Epidemiology AND	2.0	5.7							
	CE02	Clinical Epidemiology	3.7								
	OR										
	HS02	Public Health Research: part a, b and c	5.7								
	Advanced elective courses			4.9	6.0	4.3	7.8	4.0	4.7	4.5	
Electives TOTAL EC points (max 1,4 extra points)				10.6	6.0	4.3	7.8	4.0	4.7	4.5	
TOTAL EC points				70.0	70.0	70.0	70.0	70.0	70.0	70.0	

Specialisations: EP = Epidemiology, CE = Clinical Epidemiology, GE = Genetic 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 = Aug year 1 until July (Aug-2019 until July-2020)

Year 2 = Aug year 2 (Aug-2020)

Master of Science in Health Sciences - Executive Programme - 70 EC points - start 2019							
Calendar	Course code	Course	EC	EC points* per specialisation			
COMMON CORE				EP	CE	GE	HDS
Aug 2019	ESP01	Principles of Research in Medicine and Epidemiology	0.7	0.7	0.7	0.7	0.7
Aug-Sept 2019	CC01	Study Design	4.3	4.3	4.3	4.3	4.3
Aug 2020	ESP03	Introduction to Data-analysis	1.0	1.0	1.0	1.0	1.0
Aug 2020	ESP09	Regression Analysis	1.9	1.9	1.9	1.9	1.9
Aug 2020	ESP15	Topic in Meta-analysis	0.7	0.7	0.7	0.7	0.7
Winter 2021	EWP24	Survival Analysis	1.9	1.9	1.9	1.9	1.9
Sep 2019-Jun 2021	SUSC-RES	Research	35.4	35.4	35.4	35.4	35.4
Sept 2019-Jun 2021	LLS	Lifelong Learning Skills	1.0	1.0	1.0	1.0	1.0
<b>Common core TOTAL EC points</b>			<b>17.8</b>	<b>46.9</b>	<b>46.9</b>	<b>46.9</b>	<b>46.9</b>
REQUIRED				EP	CE	GE	HDS
ESP YR 1	Aug 2019	ESP11	Methods of Public Health Research	0.7	0.7	0.7	0.7
	Aug 2019	ESP25	Health Economics	0.7	0.7	0.7	0.7
	Aug 2019	ESP41	Introduction to Global Public Health	0.7	0.7	0.7	0.7
	Aug 2019	ESP43	Principles of Genetic Epidemiology	0.7			0.7
	Aug 2019	ESP45	Primary and Secondary Prevention Research	0.7	0.7		
	Aug 2019	ESP57	Genomics in Molecular Medicine	1.4			1.4
	Aug 2019	ESP61	Social Epidemiology	0.7	0.7		
	Aug 2019	ESP63	Advances in Genomics Research	0.4			0.4
	Aug 2019	ESP65	The Practice of Epidemiologic Analysis	0.7		0.7	0.7
	Aug 2019	ESP70	Fundamentals of Medical Decision Making	0.7	0.7	0.7	0.7
	Aug 2019	ESP74	Genome-wide Association Studies	0.7			0.7
Aug 2019	ESP75	Human Epigenomics	0.7			0.7	
2019-2020	Oct 2019	BST01	Review of Mathematics and Introduction to Statistics	1.0			1.0
	Oct 2019	CE02	Clinical Epidemiology	3.7	3.7	3.7	3.7
	Oct 2019	GE14	Linux for Scientists	0.6			0.6
	Oct-Nov 2019	GE02	Genetic-epidemiologic Research Methods	5.1			5.1
	Nov 2019	GE08	SNPs and Human Diseases	1.4			1.4
	Winter 2020	EWP10	Advanced Clinical Trials	1.9	1.9	1.9	1.9
	Winter 2020	GE03	Advances in Genome-Wide Association Studies	1.4			1.4
	Winter 2020	EWP02	Advanced topics in Decision-making in Medicine	2.4			2.4
	Winter 2020	CE16	Using R for Decision Modeling, Simulation, and Health Technology Assessment	1.1			1.1
Spring 2020	CE15	Advanced Decision Modeling	1.4			1.4	
2020-2021	Winter-Spring 2021	EWP03	Pharmaco-epidemiology and Drug Safety	1.9	1.9		
	Winter-Spring 2021	EWP13	Advanced Analysis of Prognosis Studies	0.9	0.9		
	Winter-Spring 2021	CE08	Repeated Measurements	1.7		1.7	1.7
ESP YR 3	Aug 2021	ESP48	Causal Inference	1.4	1.4		
	Aug 2021	ESP62	Markers and Prediction Research	0.7			0.7
	Aug 2021	ESP69	Causal Mediation Analysis	1.4	1.4		
	Aug 2021	ESP77	Advances in Clinical Epidemiology	0.7	0.7		
<b>Required TOTAL EC points</b>				<b>15.4</b>	<b>10.8</b>	<b>12.4</b>	<b>15.5</b>
ELECTIVES				EP	CE	GE	HDS
		Advanced elective courses		7.7	12.3	10.7	7.6
<b>Electives TOTAL EC points (max 1,4 extra points)</b>				<b>7.7</b>	<b>12.3</b>	<b>10.7</b>	<b>7.6</b>
<b>TOTAL EC points</b>				<b>70.0</b>	<b>70.0</b>	<b>70.0</b>	<b>70.0</b>

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

\* 1.4 EC points = 1 week

Year 1 = Aug year 1 until July (Aug-2019 until July-2020)

Year 2 = Aug year 2 until July (Aug-2020 until July 2021)

Year 3 = Aug year 3 (Aug-2021)

Research Master of Science in Health Sciences - 120 EC points - 2019-2021												
Calendar	Course code	Course	EC	EC points** per specialisation								
COMMON CORE				EP	CE	GE	PH	HEA	MP	Bstat	HDS	Medical students
Aug 2019	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 2019	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 2019	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 2019	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 2020-Jan 2021	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 2019-Jun 2021	SEM	24 research seminars	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Sep 2019-Jun 2021	LLS	Lifelong Learning Skills	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
<b>Common core TOTAL EC points</b>				<b>19.8</b>	<b>19.8</b>	<b>19.8</b>	<b>19.8</b>	<b>19.8</b>	<b>19.8</b>	<b>19.8</b>	<b>19.8</b>	<b>19.8</b>
REQUIRED				EP	CE	GE	PH	HEA	MP	Bstat	HDS	Med
Aug 2019	ESP11	Methods of Public Health Research	0.7	0.7	0.7							
Aug 2019	ESP14	Clinical Trials	0.7						0.7	0.7		
Aug 2019	ESP25	Health Economics	0.7		0.7			0.7				0.7
Aug 2019	ESP41	Introduction to Global Public Health	0.7	0.7	0.7		0.7	0.7				0.7
Aug 2019	ESP42	Methods of Health Services Research	0.7				0.7					
Aug 2019	ESP43	Principles of Genetic Epidemiology	0.7			0.7						
Aug 2019	ESP45	Primary and Secondary Prevention Research	0.7	0.7			0.7		0.7			
Aug 2019	ESP57	Genomics in Molecular Medicine	1.4			1.4						
Aug 2019	ESP61	Social Epidemiology	0.7	0.7			0.7		0.7			
Aug 2019	ESP63	Advances in Genomics Research	0.4			0.4						
Aug 2019	ESP65	The Practice of Epidemiologic Analysis	0.7		0.7							0.7
Aug 2019	ESP70	Fundamentals of Medical Decision Making	0.7	0.7	0.7			0.7	0.7			0.7
Aug 2019	ESP74	Genome-wide Association Studies	0.7			0.7						
Aug 2019	ESP75	Human Epigenomics	0.7			0.7						
Aug / Oct 2019	BST01	Review of Mathematics and Introduction to Statistics (Bstat in Aug, HDS in Oct)	1.0								1.0	1.0
Oct 2019	CE01	Clinical Translation of Epidemiology	2.0		2.0						2.0	
Oct-Nov 2019	CE02	Clinical Epidemiology	3.7		3.7						3.7	3.7
Oct 2019	GE14	Linux for Scientists	0.6			0.6						
Oct-Nov 2019	MP01	Psychology in Medicine	5.7						5.7			
Nov 2019	MP02	The Placebo Effect	1.4						1.4			
Oct-Nov 2019	GE02	Genetic-epidemiologic Research Methods	5.1			5.1						
Oct-Nov 2019	HS02	Public Health Research: part a, b and c	5.7				5.7					
Oct-Dec 2019	GW4546M	HealthTechnology Assessment	5.0					5.0				
Nov 2019	GE08	SNPs and Human Diseases	1.4			1.4						
Nov 2019	HS03a	International Comparison of Health Care Systems	1.4				1.4					
Nov 2019	EP01	Principles in Causal Inference	1.4	1.4	1.4					1.4	1.4	
Winter 2020	GE03	Advances in Genome-Wide Association Studies	1.4			1.4						
Winter 2020	GE10	Mendelian Randomisation	0.9			0.9						
Winter 2020	EWPO2	Advanced topics in Decision-making in Medicine	2.4								2.4	
Winter 2020	CE16	Using R for Decision Modeling, Simulation, and Health Technology Assessment	1.1								1.1	
Winter 2020	MP03	Psychopharmacology	1.4						1.4			
Winter 2020	MP05	Preventing Failed Intervention Research	1.4						1.4			
Winter 2020	GE13	An Introduction to the Analysis of Next-generation Sequencing Data	1.4			1.4						
Spring 2020	CE15	Advanced Decision Modeling	1.4								1.4	
Spring 2020	HS11	Quality of Life Measurement	0.9						0.9			
Spring 2020	CE08	Repeated Measurements (also in Spring 2021 for CE and HDS)	1.7							1.7		
Spring 2020	EP16	Missing Values in Clinical Research	1.7							1.7		
Spring 2020	PU03	Site Visit to the Municipal Health Center	0.3				0.3					
Spring 2020	PU06	Public Health in Low and Middle Income Countries	3.0				3.0					
Aug 2020	ESP48	Causal Inference	1.4	1.4	1.4			1.4				
Aug 2020	ESP69	Causal Mediation Analysis	1.4	1.4								
Aug 2020	ESP77	Advances in Clinical Epidemiology	0.7	0.7	0.7							
Winter 2021	BST02	Intermediate Course in R	1.4								1.4	
Winter 2021	EWPO3	Pharmaco-epidemiology and Drug Safety	1.9	1.9								
Winter 2021	EWPO10	Advanced Topics in Clinical Trials	1.9	1.9	1.9							
Winter 2021	EWPO13	Advanced Analysis of Prognosis Studies	0.9	0.9	0.9						0.9	
Spring 2021	CE08	Repeated Measurements (also in Spring 2020 for Bstat)	1.7			1.7					1.7	
Spring 2021	CE09	Bayesian Statistics	1.4							1.4		
Spring 2021	GW4579M	Research Topics in Health Economics	5.0					5.0				
Spring 2021	FEM11087	Quantative Methods for Applied Economics	4.0					4.0				
Spring 2021	PU04	Integration Module	0.3				0.3					
Jan 2020-Jul 2021	RM-RES	Research	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	
Jan 2020-Jul 2020	RM-RES-MED	Research	65.0									65.0
After MSc Med	FE	Final Exam	2.0									2.0
<b>Required TOTAL EC points</b>				<b>80.1</b>	<b>84.2</b>	<b>81.7</b>	<b>81.2</b>	<b>85.2</b>	<b>81.3</b>	<b>82.0</b>	<b>84.1</b>	
ELECTIVES				EP	CE	GE	PH	HEA	MP	Bstat	HDS	Med
EP students choose between either:												
Oct-Nov 2019	CE01	Clinical Translation of Epidemiology AND	2.0	5.7								
	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:												
	GW4568M	Economics of Health and Health Care	5.0					10.0				
	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									
<b>Electives TOTAL EC points (max 2,8 extra points)</b>				<b>14.4</b>	<b>16.0</b>	<b>18.5</b>	<b>19.0</b>	<b>5.0</b>	<b>18.9</b>	<b>18.2</b>	<b>16.1</b>	
<b>TOTAL EC points</b>				<b>120.0</b>	<b>120.0</b>	<b>120.0</b>	<b>120.0</b>	<b>120.0</b>	<b>120.0</b>	<b>120.0</b>	<b>120.0</b>	<b>120.0</b>

Specialisations: EP = Epidemiology, CE = Clinical Epidemiology, GE = Genetic 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 = Aug year 1 until July (Aug-2019 until July-2020)

Year 2 = Aug year 2 until July (Aug-2020 until July-2021)

EC points according to chosen specialisation except for research

EC points according to chosen specialisation

Research Master in Clinical Research - 120 EC points - 2019-2021					
Calendar	Course code	Course	EC	EC points* per specialisation	
COMMON CORE				CR	Medical students
Aug 2019	ESP01	Principles of Research in Medicine and Epidemiology	0.7	0.7	0.7
Aug-Sept 2019	CC01	Study Design	4.3	4.3	4.3
Sept-Oct 2019	CC02	Biostatistical Methods I: Basic Principles	5.7	5.7	5.7
Nov-Dec 2019	EPO3	Biostatistical Methods II: Classical Regression Models	4.3	4.3	4.3
Nov 2020-Jan 2021	SC07	Scientific Writing in English for Publication	2.0	2.0	2.0
Sep 2019-Jun 2021	SEM	24 research seminars	0.8	0.8	0.8
Sep 2019-Jun 2021	LLS	Lifelong Learning Skills	2.0	2.0	2.0
<b>Common core TOTAL EC points</b>			<b>19.8</b>	<b>19.8</b>	<b>19.8</b>
REQUIRED				CR	Med
ESP YR 1	Aug 2019	ESP11	Methods of Public Health Research	0.7	0.7
	Aug 2019	ESP14	Clinical Trials	0.7	0.7
	Aug 2019	ESP65	The Practice of Epidemiologic Analysis	0.7	0.7
	Aug 2019	ESP70	Fundamentals of Medical Decision Making	0.7	0.7
FALL YR 1	Aug 2019	BST01	Review of Mathematics and Introduction to Statistics	1.0	1.0
	Oct 2019	CE01	Clinical Translation of Epidemiology	2.0	2.0
	Oct-Nov 2019	CE02	Clinical Epidemiology	3.7	3.7
	Nov 2019	EP01	Principles in Causal Inference	1.4	1.4
YEAR 2	Winter-Spring 2021	EWPO3	Pharmaco-epidemiology and Drug Safety	1.9	1.9
	Winter-Spring 2021	EWP10	Advanced Topics in Clinical Trials	1.9	1.9
	Winter-Spring 2021	EWP13	Advanced Analysis of Prognosis Studies	0.9	0.9
	Jan 2020-Jul 2021	RM.RES	Research	67.0	67.0
	Jan 2020-Jul 2021	RM-RES-MED	Research (incl. Final Exam)	67.0	65.0
	After MSc Med	FE	Final Exam	2.0	2.0
<b>Required TOTAL EC points</b>				<b>82.6</b>	<b>82.6</b>
ELECTIVES				CR	Med
		Advanced elective courses		17.6	17.6
<b>Electives TOTAL EC points (max 2,8 extra points)</b>				<b>17.6</b>	<b>17.6</b>
<b>TOTAL EC points</b>				<b>120.0</b>	<b>120.0</b>

Specialisations: CR = Clinical Research, Med = Medical students

\* 1.4 EC points = 1 week

Year 1 = Aug year 1 until July (Aug-2019 until July-2020)

Year 2 = Aug year 2 until July (Aug-2020 until July-2021)

Postgraduate Programme - 70 EC points - 2019-2020				
Calendar	Course code	Course	EC points	
<b>REQUIRED</b>				
ESP YR 1	Aug 2019	ESP48	Causal Inference	1.4
	Aug 2019	ESP69	Causal Mediation Analysis	1.4
	Aug 2019	ESP77	Advances in Clinical Epidemiology	0.7
WINTER- SPRING	Winter 2020	BST02	Intermediate Course in R	1.4
	Spring 2020	CE09	Bayesian Statistics	1.4
	Sep 2019-Jun 2020	PCE-RES	Research postgraduate certificate	60.9
<b>Required TOTAL EC points</b>			<b>67.2</b>	
<b>ELECTIVES</b>				
		Advanced elective courses	2.8	
<b>Electives TOTAL EC points (max 1,4 extra points)</b>			<b>2.8</b>	
<b>TOTAL EC points</b>			<b>70.0</b>	

\* 1.4 EC points = 1 week

Year 1 = Aug 2019 until July 2020