Master's Degree in Health Data Science (MHEDAS) – 2024-25

Q1	Mon	Tue	Wed	Thu	Fri
14:00-14:30	MI	BDC	MI	BE, *CN*	SP
14:30-15:00	MI	BDC	MI	BE, *CN*	SP
15:00-15:30	MI	BDC	SP	BE, *CN*	BS
15:30-16:00	BS	EHR	SP	EHR	BS
16:00-16:30	BS	EHR	SP	EHR	BS
16:30-17:00	BS	*BSSP, HDVC*	CPA	EHR	*HDVC*
17:00-17:30	BE, *CN*	*BSSP, HDVC*	CPA		*HDVC*
17:30-18:00	BE, *CN*	*BSSP*	CPA		*HDVC*
18:00-18:30					

Q2	Mon	Tue	Wed	Thu	Fri
14:00-14:30	AHDA	HPDC	HPDC	AHDA	ML
14:30-15:00	AHDA	HPDC	HPDC	AHDA	ML
15:00-15:30	AHDA	HPDC	HPDC	AHDA	ML
15:30-16:00	BL		ML		
16:00-16:30	BL		ML		
16:30-17:00	BL		ML		
17:00-17:30	BL				
17:30-18:00	BL				
18:00-18:30	BL				

Q3	Mon	Tue	Wed	Thu	Fri
14:00-14:30	DL	CE	CAD, IOT	PHR, *CN*	CE
14:30-15:00	DL	CE	CAD, IOT	PHR, *CN*	CE
15:00-15:30	DL	CE	CAD, IOT	PHR, *CN*	COTM
15:30-16:00	ERP, TMH	PRM	ERP, COTM	DL	COTM
16:00-16:30	ERP, TMH	PRM	ERP, COTM	DL	COTM
16:30-17:00	ERP, TMH	*BSSP, HDVC*	PRM, EHDA	DL	*HDVC*
17:00-17:30	*CN*	*BSSP, HDVC*	PRM, EHDA	CAD	*HDVC*
17:30-18:00	*CN*	*BSSP*	PRM, EHDA	CAD	*HDVC*
18:00-18:30					

Q4	Mon	Tue	Wed	Thu	Fri
14:00-14:30	AMIA	HDI	PDBMN		
14:30-15:00	AMIA	HDI	PDBMN		
15:00-15:30	AMIA	HDI	PDBMN		
15:30-16:00		AMIA	TNN		
16:00-16:30		AMIA	TNN		
16:30-17:00			TNN		
17:00-17:30					
17:30-18:00					
18:00-18-30					

Master's Degree in Health Data Science (MHEDAS) – 2024-25

Q1 (1st course, 1st semester)	
BS	**Biomedical statistics (6)**
CPA	**Citizens and patients activities (3)**
EHR	**Electronic health records (4.5)**
MI	**Medical imaging (4.5)**
SP	**Scientific programming (4.5)**
BSSP	*Biomedical sensors and signal processing (3)*
CN	*Complex networks (4.5)*
HDVC	*Health data visualization and communication (4.5)*
BDC	Biomedical data challenges (3)
BE	Biomedicine for engineers (4.5)

Q2 (1st course, 2nd semester)	
AHDA	**Advanced health data analysis (6)**
BL	**Business Lab (6)**
HPDC	**High-performance and distributed computing (6)**
ML	**Machine learning (6)**
SS	*Summer school (6) - June 2nd to 11th, 2025*

Q3 (2nd course, 1st semester)	
DL	**Deep learning (6)**
ERP	**Ethics, regulation and privacy (4.5)**
PRM	**Project and research methodologies (4.5)**
BSSP	*Biomedical sensors and signal processing (3)*
CN	*Complex networks (4.5)*
HDVC	*Health data visualization and communication (4.5)*
COTM	Clinical -omics and translational medicine (4.5)
CE	Computational epidemiology (4.5)
CAD	Computer-aided diagnosis and decision making (4.5)
EHDA	Environmental health data analysis (3)
IOT	IOT and AI for health (3)
PHR	Proteomics for health research (3)
TMH	Text mining for healthcare (3)

Q4 (2nd course, 2nd semester)	
INT	*Internship (15)*
MT	*Master's Thesis (9)*
AMIA	Advanced medical image analysis (4.5)
HDI	Health data integration (3)
PDBMN	Prediction of dynamic behavior in molecular networks (3)
TNN	Tools for neuroengineering and neuroimaging (3)

In **bold**, compulsory subjects; otherwise, elective subjects

In *italics* , elective subjects available in both Q1 and Q3

In ***bold italics*** , compulsory subjects that are not included in the schedule

In parentheses, the number of ECTS of each subject