

HEALTH INFORMATICS

1st Semester

Courses (Compulsory)	Teaching Hours	ECTS
Informatics Principles ⁽¹⁾	35	8
Introduction in Health Sciences	17	4
Computer Networks/Telemedicine	21	5
Health Technology Evaluation and Management*	17	4
Epidemiology	21	5
Introduction in Biostatistics*	17	4
Summary	128	30

2nd Semester

Courses (Compulsory)	Teaching Hours	ECTS
Methodologies of Information Systems Development	17	4
E-health Applications and Hospital Information Systems*	26	6
Knowledge Management and Data Mining*	21	5
Introduction in Research Methodology- Methodology of data analysis*	30	7
Computer Programming Languages	16	4

Courses (2 Mandatory Optional)		ECTS
Principles of Bioinformatics	9	2
Biomedical Signals and Images Analysis	9	2
Intelligent Decision Support Systems	9	2
Summary	128	30

3rd Semester

Courses (Compulsory)	Teaching Hours	ECTS
Dissertation/Thesis	-	30
Summary		30

* Common courses for both specializations.
(1) 15 teaching hours (3 ECTS) via e-learning.