

DERS PROGRAMI

I. SEMESTER

Code	Course Title	Course Type	ECTS
BİL143	Introduction to Information Technologies	Required Courses	4.0
DSS101	Medical Terminology and Clinical Language	Required Courses	6.0
DSS103	Health Informatics and Introduction to Digital Health	Required Courses	6.0
DSS105	Healthcare Institutions Management	Required Courses	3.0
İNG187	English I (ENG)	Required Courses	3.0
MAT851	Logic and Mathematics	Required Courses	4.0
TAR165	Atatürk's Principles and History of Turkish Revolution I	Required Courses	2.0
TÜR125	Turkish Language I	Required Courses	2.0
Sum			30

II. SEMESTER

Code	Course Title	Course Type	ECTS
ANA130	Anatomy and Physiology	Required Courses	4.0
DSS102	Medical Classification and Coding Systems	Required Courses	6.0
DSS104	Introduction to Programming and Algorithms	Required Courses	5.0
DSS106	Electronic Health Records and EHR Management	Required Courses	4.0
DSS108	Database Concepts and Database Management Systems	Required Courses	4.0
İNG188	English II (ENG)	Required Courses	3.0
TAR166	Atatürk's Principles and History of Turkish Revolution II	Required Courses	2.0
TÜR126	Turkish Language II	Required Courses	2.0
Sum			30

III. SEMESTER

Code	Course Title	Course Type	ECTS
DSS201	Medical Devices and System Integration	Required Courses	4.0
DSS203	Remote Health Services and Telemedicine	Required Courses	4.0
DSS205	Patient Rights, Ethics, and Personal Data Law	Required Courses	3.0
DSS207	Decision Support Systems and Artificial Intelligence in Diagnosis	Required Courses	4.0
DSS209	Cybersecurity Practices in Healthcare	Required Courses	3.0
DSS211	Hospital Information Management Systems	Required Courses	6.0

III. SEMESTER

Code	Course Title	Course Type	ECTS
	Elective Courses		3.0
	Area Elective Courses		3.0
Sum			30

IV. SEMESTER

Code	Course Title	Course Type	ECTS
DSS204	Seminar	Required Courses	3.0
STJ204	Internship	Required Courses	5.0
	Area Elective Courses		22.0
Sum			30

Area Elective Courses

Code	Course Title	Laboratory + Practice	ECTS
DSS200	Vocational Training at the Workplace (TR)	0 + 16	15.0
DSS202	Health Information Systems Integration and Project Work (TR)	1 + 4	7.0
DSS206	Internet of Things in Healthcare (TR)	3 + 0	4.0
DSS208	Quality Management and Accreditation in Healthcare (TR)	3 + 0	3.0
DSS210	Natural Language Processing and Clinical Text Mining (TR)	2 + 2	4.0
DSS212	Blockchain and Data Sharing (TR)	3 + 1	4.0
DSS214	Robotic Process Automation (TR)	3 + 1	4.0
DSS216	Public Health Informatics (TR)	2 + 0	3.0

DERS İÇERİKLERİ
