



Master In Next-Generation Computing (Artificial Intelligence in Medicine and Healthcare)

<i>Common Courses</i>	<i>Credit Hours</i>
Logic and Discrete Mathematics	2
Foundations of Computer Science	2
Artificial Intelligence Fundamentals	2
Object Oriented Programming and Data Analysis	2
Research Methodology	1

<i>Core Courses</i>	<i>Credits</i>
Advanced Artificial Intelligence	2
Artificial intelligence in Health Care	2
Artificial Intelligence in Medicine	2
Health Care AI: Ethics, Law, Regulation, and Policy Compliance	1

<i>Elective Courses</i>	<i>Credits</i>
Telehealth and Telemedicine	1
AI in Surgery and Neurosurgery	1
Computational Healthcare	1
Foundations of Health Information Systems	1
Big Data Analytics in Healthcare	1
AI in Radiology	1
AI for Drug Discovery	1
Precision Medicine	1
Biomedical Devices and Sensors	1
AI and Medical Robots	1
Motion Analysis	1
Special Topics Elective	1

<i>Research-Oriented Projects</i>	<i>Credit Hours</i>
Seminar	1
Applied Research Project	4