

2025-2026 EDUCATION YEAR							
COMPUTER AND INFORMATION ENGINEERING DIVISION INSTRUCTION PLANS							
Fall and Spring Semester							
COURSE CODE	COURSE NAME	HOURS	CREDIT				ECTS CREDIT
			T	A	L	Total	
BBM5101	Research Methods for Science and Ethics*	3	3	0	0	3	6
BBM5102	MSc. Seminar	0	0	0	0	0	6
BBM5103	FPGA Applications	3	3	0	0	3	6
BBM5104	Coding Theory	3	3	0	0	3	6
BBM5105	Metaheuristic Algorithms	3	3	0	0	3	6
BBM5106	Natural Language Processing	3	3	0	0	3	6
BBM5107	Feature Engineering for Machine Learning	3	3	0	0	3	6
BBM5108	ARM Programming	3	3	0	0	3	6
BBM5109	Quantum Computing and Applications	3	3	0	0	3	6
BBM8101-8199	Specialization Field Course	8	8	0	0	8	8
BBM5201	Cryptography and Information Security	3	3	0	0	3	6
BBM5202	Parallel Programming	3	3	0	0	3	6
BBM5203	Advanced Analysis of Algorithm	3	3	0	0	3	6
BBM5204	Applied Machine Learning	3	3	0	0	3	6
BBM5205	Image Processing with Deep Learning	3	3	0	0	3	6
BBM5206	Artificial Neural Network	3	3	0	0	3	6
BBM5207	Medical Informatics	3	3	0	0	3	6
BBM8201-8299	Specialization Field Course	8	8	0	0	8	8
BBM5900	MSc. Thesis Study	0	0	0	0	0	24

* Compulsory Course for Master's Program