

Samsun University
Faculty of Engineering Software Engineering Department
Master's Program with Thesis Curriculum

FALL TERM

COURSE CODE	COURSE NAME	ELECTIVE/ MUST	T U K ECTS
MYAZ600	Master's Thesis	MUST	0 0 0 30
MYAZ601	Scientific Research Methods	MUST	3 0 3 7,5
MYAZ602	Seminar	MUST	0 0 0 7,5
MYAZ650	Lecture on Specialized Field	MUST	4 0 0 0
MYAZ699	Counseling	MUST	1 0 0 0
MYAZ603	Image Processing	ELECTIVE	3 0 3 7,5
MYAZ605	Advanced Digital Sign Processing	ELECTIVE	3 0 3 7,5
MYAZ607	Advanced Differential Equations and Applications	ELECTIVE	3 0 3 7,5
MYAZ609	Advanced Partial Differential Equations and Applications	ELECTIVE	3 0 3 7,5
MYAZ611	Artificial Intelligence Practices	ELECTIVE	3 0 3 7,5
MYAZ613	Optimization Algorithms and Applications	ELECTIVE	3 0 3 7,5
MYAZ615	Advanced Image Processing Methods	ELECTIVE	3 0 3 7,5
MYAZ617	Quantum Theory of Knowledge	ELECTIVE	3 0 3 7,5

SPRING TERM

COURSE CODE	COURSE NAME	ELECTIVE/ MUST	T U K ECTS
MYAZ600	Master's Thesis	MUST	0 0 0 30
MYAZ601	Scientific Research Methods	MUST	3 0 3 7,5
MYAZ602	Seminar	MUST	0 0 0 7,5
MYAZ650	Lecture on Specialized Field	MUST	4 0 0 0
MYAZ699	Counseling	MUST	1 0 0 0
MYAZ604	Deep Learning	ELECTIVE	3 0 3 7,5
MYAZ606	Machine Learning	ELECTIVE	3 0 3 7,5
MYAZ608	Computer Based Solutions of Mathematical Equations	ELECTIVE	3 0 3 7,5
MYAZ610	Advanced Numerical Methods and Applications	ELECTIVE	3 0 3 7,5
MYAZ612	Real Time Microcontroller Applications	ELECTIVE	3 0 3 7,5
MYAZ614	Big Data Processing Techniques and Applications	ELECTIVE	3 0 3 7,5
MYAZ616	Computer Vision	ELECTIVE	3 0 3 7,5
MYAZ618	Nanoelectronics in Quantum Computing	ELECTIVE	3 0 3 7,5