

SAMSUN UNIVERSITY KAVAK VOCATIONAL SCHOOL							
Department of Architecture and Urban Planning							
Geographic Information Systems Program Curriculum							
I. Semester							
Course Code	Course Name	T	P	C	H	Type	ECTS
GIS101	INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS	3	0	3	3	C	6
GIS103	INFORMATION AND COMMUNICATION TECHNOLOGIES	1	1	2	2	C	4
GIS105	INTRODUCTION TO DATABASES	2	0	2	2	C	3
GIS107	SPATIAL THINKING	2	0	2	2	C	3
GIS109	LAND MANAGEMENT AND GEOGRAPHIC INFORMATION SYSTEMS	2	0	2	2	C	3
GIS111	OCCUPATIONAL HEALTH AND SAFETY	2	0	2	2	C	3
YDİ101	FOREIGN LANGUAGE I	2	0	2	2	C	2
TDİ101	TURKISH LANGUAGE I	2	0	2	2	C	2
ATİ101	PRINCIPLES OF ATATURK AND HISTORY OF REVOLUTION-I	2	0	2	2	C	2
TOTAL		18	1	19	19		24
GIS SEÇ-I *							
GIS151	BASIC MATHEMATICS FOR GIS	2	0	2	2	E	3
GIS153	BASIC STATISTICS FOR GIS	2	0	2	2	E	3
GIS155	PROFESSIONAL ETHICS	2	0	2	2	E	3
GIS157	COMMUNICATION	2	0	2	2	E	3
* 6 (Six) ECTS courses will be selected from GIS SEÇ-I group.							
OVERALL TOTAL							30

II. Semester							
Course Code	Course Name	T	P	C	H	Type	ECTS
GIS102	GIS INTRODUCTION APPLICATIONS	1	2	2	3	C	5
GIS104	DIGITAL PHOTOGRAMETRY	2	0	2	2	C	3
GIS106	DATABASE APPLICATIONS	1	1	2	2	C	3
GIS108	REMOTE SENSING	2	0	2	2	C	3
GIS110	OPEN-SOURCE GIS APPLICATIONS	1	2	2	3	C	5
GIS112	REAL ESTATE VALUATION	2	0	2	2	C	3
STJ102	INTERNSHIP	0	0	0	0	C	10
YDİ102	FOREIGN LANGUAGE-II	2	0	2	2	C	2
TDİ102	TURKISH LANGUAGE-II	2	0	2	2	C	2
ATİ102	PRINCIPLES OF ATATURK AND HISTORY OF REVOLUTION-II	2	0	2	2	C	2
TOTAL		15	5	18	20		24
GIS SEÇ-II *							
GIS150	MAP PRODUCTION AND PUBLISHING	1	1	2	2	E	3
GIS152	POSITIONING TECHNIQUES	2	0	2	2	E	3
GIS154	URBAN TRANSFORMATION IN GIS	2	0	2	2	E	3
GIS156	ENERGY RESOURCES AND GIS	2	0	2	2	E	3
GIS158	ENVIRONMENTAL PROTECTION STUDIES IN GIS	2	0	2	2	E	3
GIS160	RESEARCH METHODS AND ETHICS	2	0	2	2	E	3
* 6 (Six) ECTS courses will be selected from GIS SEÇ-II group.							
OVERALL TOTAL							30

III. Semester							
Course Code	Course Name	T	P	C	H	Type	ECTS
GIS201	WEB-BASED GIS	1	2	2	3	C	4
GIS203	MOBILE GIS	1	2	2	3	C	4
GIS205	REMOTE SENSING APPLICATIONS	1	2	2	3	C	4
GIS207	SPATIAL ANALYSIS IN GIS	2	2	3	4	C	4
GIS209	GEOSPATIAL DATABASE DESIGN	1	2	2	3	C	3
GIS211	PROJECT DESIGN AND MANAGEMENT IN GIS	3	0	3	3	C	3
GIS213	SECTORAL APPLICATIONS IN GIS	3	0	3	3	C	2
TOTAL		12	10	17	22		24
GIS SEÇ-III *							
GIS251	DISASTER MANAGEMENT APPLICATIONS IN GIS	1	1	2	2	E	3
GIS253	URBAN INFORMATION SYSTEMS	2	0	2	2	E	3
GIS255	INFRASTRUCTURE AND NETWORK MANAGEMENT IN GIS	1	1	2	2	E	3
GIS257	QUALITY ASSURANCE AND STANDARDS	2	0	2	2	E	3
* 6 (Six) ECTS courses will be selected from GIS SEÇ-III group.							
OVERALL TOTAL							30

IV. Semester							
Course Code	Course Name	T	P	C	H	Type	ECTS
GIS202	ON-THE-JOB VOCATIONAL TRAINING	5	20	15	25	E	30
TOTAL		5	20	15	25		30
GIS SEÇ-IV *							
GIS250	CARTOGRAPHY	2	0	2	2	E	5
GIS252	CAPSTONE PROJECT IN GIS	5	0	5	5	E	5
GIS254	SPATIAL ANALYSIS IN TRANSPORTATION SYSTEMS	2	2	3	4	E	5
GIS256	DECISION SUPPORT APPLICATIONS IN GIS	2	2	3	4	E	5
GIS258	PROGRAMMING IN GIS	1	1	2	2	E	5
GIS260	UNMANNED AERIAL VEHICLE (UAV) TECHNOLOGIES	1	1	2	2	E	5
GIS262	COMMUNITY SERVICE PRACTICES	1	2	2	3	E	5
GIS264	3D MODELING	1	1	2	2	E	5
GIS266	GIS IN FORESTRY APPLICATIONS	1	1	2	2	E	5
GIS268	ENTREPRENEURSHIP	2	0	2	2	E	5
GIS270	SPATIAL DATA STANDARDS AND INFRASTRUCTURE	2	0	2	2	E	5
* 30 (Thirty) ECTS courses will be selected from GIS SEÇ-IV group.							
OVERALL TOTAL							30