

SAMSUN UNIVERSITY KAVAK VOCATIONAL SCHOOL							
Architecture and Urban Planning Department							
Geographic Information Systems Program Syllabus							
I. Semester							
Course Code	Course Name	T	P	C	H	Type	ECTS
ATİ101	ATATÜRK'S PRINCIPLES AND REVOLUTION HISTORY I	2	0	2	2	Z	2
CBS101	INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS	4	0	4	4	Z	6
CBS103	INFORMATION AND COMMUNICATION TECHNOLOGIES	1	1	2	2	Z	3
CBS105	INTRODUCTION TO DATABASE	3	0	3	3	Z	3
CBS107	SPATIAL THINKING	3	0	3	3	Z	3
CBS109	CARTOGRAPHY	2	0	2	2	Z	3
TDİ101	TURKISH LANGUAGE I	2	0	2	2	Z	2
YDİ101	FOREIGN LANGUAGE I	2	0	2	2	Z	2
TOTAL		19	1	20	20		24
ELECTIVE COURSES*							
CBS151	BASIC MATHEMATICS FOR GEOGRAPHIC INFORMATION SYSTEMS	2	0	2	2	S	3
CBS153	BASIC STATISTICS FOR GEOGRAPHIC INFORMATION SYSTEMS	2	0	2	2	S	3
* 6 (Six) ECTS courses will be selected from the elective courses.							
OVERALL TOTAL							30

II. Semester							
Course Code	Course Name	T	P	C	H	Type	ECTS
ATİ102	ATATÜRK'S PRINCIPLES AND REVOLUTION HISTORY II	2	0	2	2	Z	2
CBS102	INTRODUCTION APPLICATIONS TO GEOGRAPHIC INFORMATION SYSTEMS	1	2	2	3	Z	6
CBS104	LAND MANAGEMENT AND GEOGRAPHIC INFORMATION SYSTEMS	3	0	3	3	Z	4
CBS106	PHOTOGRAMETRY	2	0	2	2	Z	4
CBS108	DATABASE APPLICATIONS	1	1	2	2	Z	4
CBS110	INTERNSHIP	0	0	0	0	Z	10
TDİ102	TURKISH LANGUAGE II	2	0	2	2	Z	2
YDİ102	FOREIGN LANGUAGE II	2	0	2	2	Z	2
TOTAL		13	3	15	16		24
ELECTIVE COURSES*							
CBS152	CREATING AND PUBLISHING MAPS	2	0	2	2	S	3
CBS154	TECHNIQUES OF LOCATION FINDING	2	0	2	2	S	3
* 6 (Six) ECTS courses will be selected from the elective courses.							
OVERALL TOTAL							30

III. Semester							
Course Code	Course Name	T	P	C	H	Type	ECTS
CBS201	REMOTE SENSING	2	0	2	2	Z	3
CBS203	PROJECT DESIGN AND MANAGEMENT IN GEOGRAPHIC INFORMATION SYSTEMS	3	0	3	3	Z	5
CBS205	OPEN SOURCE GEOGRAPHIC INFORMATION SYSTEMS APPLICATIONS	1	2	2	3	Z	4
CBS207	BUILDING GEODATABASE	1	2	2	3	Z	4
CBS209	SPATIAL ANALYSIS IN GEOGRAPHIC INFORMATION SYSTEMS I	2	2	3	4	Z	5
CBS211	APPLICATIONS OF GEOGRAPHICAL INFORMATION SYSTEMS IN PUBLIC SECTOR	3	0	3	3	Z	3
TOTAL		12	6	15	18		24
ELECTIVE COURSES*							
CBS251	GEOGRAPHIC INFORMATION SYSTEMS APPLICATIONS IN DISASTER MANAGEMENT	2	2	3	4	S	3
CBS253	URBAN INFORMATION SYSTEMS	2	0	2	2	S	3
CBS255	SPATIAL DATA STANDARDS AND INFRASTRUCTURE	2	0	2	2	S	3
* 6 (Six) ECTS courses will be selected from the elective courses.							
OVERALL TOTAL							30

IV. Semester							
Course Code	Course Name	T	P	C	H	Type	ECTS
CBS202	REMOTE SENSING APPLICATIONS	1	1	2	2	Z	3
CBS204	WEB GEOGRAPHIC INFORMATION SYSTEMS	1	2	2	3	Z	5
CBS206	MOBILE GEOGRAPHIC INFORMATION SYSTEMS	3	0	3	3	Z	3
CBS208	GEOGRAPHIC INFORMATION SYSTEMS PROJECT	4	0	4	4	Z	5
CBS210	GEOGRAPHIC INFORMATION SYSTEMS APPLICATION IN PRIVATE SECTOR	3	0	3	3	Z	3
CBS212	SPATIAL ANALYSIS IN GEOGRAPHIC INFORMATION SYSTEMS II	2	2	3	4	Z	5
TOTAL		14	5	17	19		24
ELECTIVE COURSES*							
CBS252	3D MODELING	2	1	3	3	S	3
CBS254	GEOGRAPHIC INFORMATION SYSTEMS IN FORESTRY APPLICATIONS	2	1	3	3	S	3
CBS256	PROGRAMMING WITH GEOGRAPHIC INFORMATION SYSTEMS	2	1	3	3	S	3
CBS258	DRONE (UAV) TECHNOLOGY	3	0	3	3	S	3
* 6 (Six) ECTS courses will be selected from the elective courses.							
OVERALL TOTAL							30