

**THE REPUBLIC OF TURKEY
USKUDAR UNIVERSITY
FACULTY OF HEALTH SCIENCES
OCCUPATIONAL HEALTH AND SAFETY
FOUR YEAR CURRICULUM**

FIRST YEAR

FALL SEMESTER (I. MIDTERM)

CODE	COURSE	T	P	C	ECTS
ISG103	Basic Physics	2	0	2	3
ISG105	Basic Chemistry	2	0	2	3
ISG107	Basic Biology	2	0	2	3
ISG111	Introduction to Occupational Health and Safety	2	0	2	3
RPSI109	Positive Psychology and Communication Skills	3	0	3	5
ISG109	Ergonomics	2	0	3	3
TURK101	Turkish Language-I	2	0	2	3
ATA101	Ataturk's Reforms and the Turkish Revolution History -I	2	0	2	3
ING101	English-I	3	0	3	3
RKUL101	University Culture I (E)	0	2	1	1
TOTAL		20	0	22	30

SPRING SEMESTER (II. MIDTERM)

CODE	COURSE	T	P	C	ECTS
SBF112	Introduction to Law	2	0	2	3
ISG124	Hazard Identification And Risk Management	2	0	3	4
ISG122	Machine and Equipment	3	0	3	4
ISG116	Accident Analysis	2	0	2	3
MAT118	Mathematics	3	0	3	4
ISG120	Occupational Accidents and Professional Diseases	2	0	2	2
TURK102	Turkish Language-II	2	0	2	3
ATA102	Ataturk's Reforms and the Turkish Revolution History-II	2	0	2	3
ING102	English-II	3	0	3	3
RKUL102	University Culture II (E)	0	2	1	1
TOTAL		21	2	23	30

SECOND YEAR

FALL SEMESTER (III. MIDTERM)

CODE	COURSE	T	P	C	ECTS
SBF115	Biostatistics Applications	2	0	2	3
SBF122	Basic Anatomy and Physiology	3	0	3	4
ISG215	Occupational Health and Safety at Mining and Underground Structures	3	0	3	5
ISG217	The Hazards of Fire and Fire Safety	3	0	4	5
ISG213	Reliability Engineering	3	0	3	5
XXXXXX	Elective Course (E)	2	0	2	3
XXXXXX	Elective Course (E)	2	0	2	3
TOTAL		18	0	19	28

SPRING SEMESTER (IV. MIDTERM)

CODE	COURSE	T	P	C	ECTS
ISG212	Training Skills	2	0	2	3
ISG224	Occupational Health and Safety Legislations	3	0	3	4
ISG216	Ventilation and Climatization	3	0	3	3
ISG226	Emergency Management	2	2	3	4
ISG222	Engineering Economics	3	0	3	3
XXXXXX	Elective Course (E)	3	0	3	5
XXXXXX	Elective Course (E)	3	0	3	5
ISG228	Summer Internship I	0	0	0	4
TOTAL		19	2	20	31

THIRD YEAR

FALL SEMESTER (V. MIDTERM)

CODE	COURSE	T	P	C	ECTS
ISG301	Worker's Safety in Maintenance-Repair	3	0	3	5
ISG303	Electrical Hazards and Occupational Safety	3	0	3	5
ISG313	Chemical Factors in Working Environment	3	0	4	4
ISG307	Physical Factors in Working Environment	3	0	3	4
ISG309	Occupational Safety Lab.	0	4	2	3
RPRG104	Entrepreneurship and Project Culture (E)	2	0	2	3
XXXXXX	Elective Course (E)	2	0	2	3
XXXXXX	Elective Course (E)	2	0	2	3
TOTAL		18	4	21	30

SPRING SEMESTER (VI. MIDTERM)

CODE	COURSE	T	P	C	ECTS
ISG330	OHS Management Systems	2	0	2	4
ISG328	Risk Assessment Methodologies	3	0	3	5
ISG332	OHS Practices	3	3	5	6
ISG326	Computer Aided Technical Drawings	0	6	3	3
ISG324	Environmental Health and Safety	2	0	2	3
XXXXXX	Elective Course (E)	2	0	2	3
XXXXXX	Elective Course (E)	2	0	2	3
ISG334	Summer Internship II	0	0	0	4
TOTAL		14	9	19	31

FOURTH YEAR

FALL SEMESTER (VII. MIDTERM)

CODE	COURSE	T	P	C	ECTS
ISG413	Graduation Project I	2	3	3	5
ISG415	Explosive Atmospheres And Their Hazards	3	0	3	4
ISG417	Biological Factors in Working Environment	2	0	3	4
ISG419	Personal Protective Equipment	2	0	3	4
ISG421	Psychosocial Risk Factors	2	0	3	3
XXXXXX	Elective Course (E)	2	0	2	5
XXXXXX	Elective Course (E)	2	0	2	5
TOTAL		15	3	19	30

SPRING SEMESTER (VIII. MIDTERM)

CODE	COURSE	T	P	C	ECTS
ISG420	Graduation Project II	2	3	3	5
ISG422	Crisis Management	2	0	3	3
ISG424	Safety Supervision and Control Systems	3	0	3	3
ISG426	Occupational Health and Safety at Construction Works	3	0	4	4
ISG428	Prevention of Great Industrial Accidents	2	0	3	3
ISG430	Occupational Safety in Logistics	2	0	2	3
XXXXXX	Elective Course (E)	2	0	2	5
XXXXXX	Elective Course (E)	2	0	2	5
TOTAL		18	3	22	31

ELECTIVE COURSES

DEPARTMENT ELECTIVE COURSES

CODE	COURSE	T	P	C	ECTS
ISG251	Occupational Safety in Human-Machine Systems	2	0	2	3
ISG255	Business Management and Organization	2	0	2	3
ISG257	Documentation and Controls in OHS	2	0	2	3
ISG252	Physical Activities for Worker's Health	3	0	3	5
ISG254	Static	3	0	3	5
ISG256	Occupational Safety at Health Facilities	3	0	3	5
ISG258	Advanced Statistics	3	0	3	5
ISG351	Hazardous Substances, ADR	2	0	2	3
ISG355	OHS in Welding Occupation	2	0	2	3
ISG352	Occupational Hygiene	2	0	2	3
ISG354	OHS for Aerospace and Maritime Workers	2	0	2	3
ISG453	Industrial Hygiene and Toxicology	2	0	2	5
ISG455	Worker's Nutrition and Food Sanitation	2	0	2	5
ISG457	OHS in Working Heights	2	2	3	5
ISG452	Occupational Safety at the Design of Work Environments	2	0	2	5
ISG454	Industrial Machines and Occupational Safety	2	0	2	5
ISG456	Scientific research and Occupational Ethics	2	0	2	5
SBF111	Public Health	2	0	2	3
SBF113	Effective Speaking and Diction	2	0	2	3
SBF114	Musics	2	0	2	3
SBF116	First Aid Knowledge	2	0	2	3
SBF118	General approach of one-subject researches	2	0	2	3
SBF119	General approach to the Qualitative Researches	2	0	2	3

UNIVERSITY ELECTIVE COURSES

CODE	COURSE	T	P	C	ECTS
RPRG104	Entrepreneurship and Project Culture	2	0	2	3
RKUL101	University Culture I	0	2	1	1
RKUL102	University Culture II	0	2	1	1
RKUL201	University Culture III	0	2	1	1
RKUL202	University Culture IV	0	2	1	1
RKUL301	University Culture V	0	2	1	1
RKUL302	University Culture VI	0	2	1	1
RKUL401	University Culture VII	0	2	1	1
RKUL402	University Culture VIII	0	2	1	1
ISP121	Spanish I	3	0	3	3
ISP122	Spanish II	3	0	3	3
ARA121	Arabic I	3	0	3	3
ARA122	Arabic II	3	0	3	3
CIN121	Chinese I	3	0	3	3
CIN122	Chinese II	3	0	3	3
RUS121	Russian I	3	0	3	3
RUS122	Russian II	3	0	3	3

Total Credits Required For Graduation

(T) Theoretical Hours	: 143
(P) Practice Hours	: 25
(C) Local Credit	: 165
(ECTS) ECTS Credit	: 241
(S) Elective Course ECTS Credit	: 58