

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

FIRST YEAR

FALL SEMESTER (1st TERM)

SPRING SEMESTER (2nd TERM)

CODE	COURSE NAME	T	P	C	ECTS	CODE	COURSE NAME	T	P	C	ECTS
ISG103	Basic Physics	2	0	2	3	SBF112	Introduction to Law	2	0	2	3
ISG105	Basic Chemistry	2	0	2	3	MAT118	Mathematics	3	0	3	4
ISG107	Basic Biology	2	0	2	3	ISG116	Accident Analysis	2	0	2	3
SBF141	Introduction to Occupational Health and Safety	2	0	2	3	ISG122	Machine and Equipment	3	0	3	4
ISG111	Basic Anatomy and Physiology	2	0	2	3	ISG124	Hazard Identification And Risk Management	2	0	2	4
RPS1109	Positive Psychology and Communication Skills	3	0	3	5	ISG126	Occupational Diseases	2	0	2	2
TURK101	Turkish Language I	2	0	2	3	TURK102	Turkish Language II	2	0	2	3
ATA101	Ataturk's Reforms and the Turkish Revolution History I	2	0	2	3	ATA102	Ataturk's Reforms and the Turkish Revolution History II	2	0	2	3
ING101	English I	3	0	3	3	ING102	English II	3	0	3	3
RKUL101	University Culture I (E)	0	2	1	1	RKUL102	University Culture II (E)	0	2	1	1
TOTAL		20	2	21	30	TOTAL		21	2	22	30

SECOND YEAR

FALL SEMESTER (3rd TERM)

SPRING SEMESTER (4th TERM)

CODE	COURSE NAME	T	P	C	ECTS	CODE	COURSE NAME	T	P	C	ECTS
SBF125	Biostatistics	2	0	2	3	ISG216	Ventilation and Climatization	3	0	3	3
ISG211	The Hazards of Fire and Fire Safety	3	0	3	5	ISG222	Engineering Economics	3	0	3	3
ISG213	Reliability Engineering	3	0	3	5	ISG224	Occupational Health and Safety Legislations	3	0	3	4
ISG215	Occupational Health and Safety at Mining and Underground Structures	3	0	3	5	ISG230	Static	3	0	3	3
ISG219	Ergonomics	2	0	2	2	ISG232	Emergency Management	3	0	3	3
RPRE104	Entrepreneurship and Project Culture (E)	2	0	2	3	XXXX	Elective Course (E)	3	0	3	5
XXXX	Elective Course (E)	3	0	3	5	XXXX	Elective Course (E)	3	0	3	5
XXXX	Elective Course (E)	3	0	3	5	ISG236	Summer Internship I	0	0	0	4
TOTAL		21	0	21	33	TOTAL		21	0	21	30

THIRD YEAR

FALL SEMESTER (5th TERM)

SPRING SEMESTER (6th TERM)

CODE	COURSE NAME	T	P	C	ECTS	CODE	COURSE NAME	T	P	C	ECTS
ISG303	Electrical Hazards and Occupational Safety	3	0	3	5	ISG324	Environmental Health and Safety	2	0	2	3
ISG307	Physical Factors in Working Environment	3	0	3	4	ISG326	Computer Aided Technical Drawings	0	6	3	3
ISG309	Occupational Health and Safety Laboratory	0	4	2	3	ISG328	Risk Assessment Methodologies	3	0	3	5
ISG313	Chemical Factors in Working Environment	3	0	3	4	ISG330	OHS Management Systems	2	0	2	4
ISG315	Hazardous Substances, Road Transport and ADR	3	0	3	3	ISG332	OHS Practices	3	4	5	6
ISG317	Psychosocial Risk Factors	2	0	2	3	XXXXXX	Elective Course (E)	3	0	3	5
XXXX	Elective Course (E)	3	0	3	5	XXXXXX	Elective Course (E)	3	0	3	5
XXXX	Elective Course (E)	3	0	3	5	ISG336	Summer Internship II	0	0	0	4
TOTAL		20	4	22	32	TOTAL		16	10	21	35

FOURTH YEAR

FALL SEMESTER (7th TERM)

SPRING SEMESTER (8th TERM)

CODE	COURSE NAME	T	P	C	ECTS	CODE	COURSE NAME	T	P	C	ECTS
ISG425	Explosive Atmospheres And Their Hazards	3	0	3	4	ISG428	Prevention of Great Industrial Accidents	2	0	2	3
ISG427	Biological Factors in Working Environment	2	0	2	4	ISG430	Occupational Safety in Logistics	2	0	2	3
ISG429	Personal Protective Equipment	2	0	2	4	ISG434	Security Audit and Control Systems	3	0	3	3
ISG433	OHS in Working at Height	2	2	3	5	ISG436	Occupational Health and Safety at Construction Works	3	0	3	4
XXXX	Elective Course (E)	3	0	3	5	ISG438	Computer Aided OHS Practices	2	2	3	3
XXXX	Elective Course (E)	3	0	3	5	SBF462	Applied Field Lecture	2	2	3	5
						XXXX	Elective Course (E)	3	0	3	5
						XXXX	Elective Course (E)	3	0	3	5
TOTAL		15	2	16	27	TOTAL		20	4	22	31

ELECTIVE COURSES

DEPARTMENT ELECTIVE COURSES

CODE	COURSE NAME	T	P	C	ECTS	CODE	COURSE NAME	T	P	C	ECTS
ISG261	Business Management and Organization	3	0	3	5	ISG463	OHS in Welding	3	0	3	5
ISG263	Documentation and Controls in OHS	3	0	3	5	ISG465	Industrial Hygiene and Toxicology	3	0	3	5
ISG265	Occupational Safety in Human-Machine Systems	3	0	3	5	ISG467	Worker's Nutrition and Food Sanitation	3	0	3	5
ISG256	Occupational Safety at Health Facilities	3	0	3	5	ISG462	Scientific Research and Occupational Ethics	3	0	3	5
ISG260	Physical Activities for Worker's Health	3	0	3	5	ISG464	Occupational Safety at the Design of Work Equipments	3	0	3	5
ISG262	Advanced Statistics	3	0	3	5	ISG466	Industrial Machines and Occupational Safety	3	0	3	5
ISG264	Training Skills	3	0	3	5	SBF132	Sign Language I	3	0	3	5
ISG266	Computer Aided Modeling of Major Accidents	3	0	3	5	SBF133	Sign Language II	3	0	3	5
ISG357	Worker's Safety in Maintenance-Repair	3	0	3	5	SBF111	Public Health	2	0	2	3
ISG361	Crisis Management	3	0	3	5	SBF113	Effective Speaking and Diction	2	0	2	3
ISG363	Work Permits	3	0	3	5	SBF114	Musics	2	0	2	3
ISG365	Sustainability in Environment and Business Management	3	0	3	5	SBF131	First Aid	2	0	2	3
ISG360	Occupational Hygiene	3	0	3	5	SBF118	General Approach of One-Subject Researches	2	0	2	3
ISG362	OHS for Aerospace and Maritime Workers	3	0	3	5	SBF119	General Approach to the Qualitive Researches	2	0	2	3

UNIVERSITY ELECTIVE COURSES											
CODE	COURSE NAME	T	P	C	ECTS	CODE	COURSE NAME	T	P	C	ECTS
RPRE104	Entrepreneurship and Project Culture	2	0	2	3	CIN121	Chinese I	3	0	3	3
RKUL101	University Culture I	0	2	1	1	CIN122	Chinese II	3	0	3	3
RKUL102	University Culture II	0	2	1	1	RUS121	Russian I	3	0	3	3
RPSI109	Positive Psychology and Communication Skills	3	0	3	5	RUS122	Russian II	3	0	3	3
ISP121	Spanish I	3	0	3	3	ALM121	German I	3	0	3	3
ISP122	Spanish II	3	0	3	3	ALM122	German II	3	0	3	3
ARA121	Arabic I	3	0	3	3	Total Credits Required For Graduation					
ARA122	Arabic II	3	0	3	3	(T) Theoretical Hours					154
						(P) Practice Hours					24
						(C) Local Credit					166
						(ECTS) ECTS Credit					248
						(S) Elective Course ECTS Credit					70