

**USKUDAR UNIVERSITY**  
**INSTITUTE OF HEALTH SCIENCES**  
**OCCUPATIONAL HEALTH AND SAFETY DOCTORATE PROGRAM**

1st YEAR

**FALL SEMESTER**

Your lesson Code	Course name	Type	Theory	Practice	Credit	ECTS Credit
ISG601	Security Engineering Methods	Z	3	0	3	10
ISG603	ATEX (Explosive Atmospheres) and Precautions	Z	3	0	3	10
	Elective	S		0		10
<b>Total</b>			<b>39</b>	<b>0</b>	<b>39</b>	<b>30</b>

**SPRING SEMESTER**

Your lesson Code	Course name	Type	Theory	Practice	Credit	ECTS Credit
ISG602	Risk Management and Assessment	Z	3	0	3	10
	Elective	S	3	0	3	10
	Elective	S	3	0	3	10
<b>Total</b>			<b>9</b>	<b>0</b>	<b>9</b>	<b>30</b>

2ND YEAR

**FALL SEMESTER**

Your lesson Code	Course name	Type	Theory	Practice	Credit	ECTS Credit
ISG605	name: Occupational Safety Based on Labor Law Law of	Z	3	0	3	10
	Elective	S	3	0	3	10
	Elective	S	3	0	3	10
<b>Total</b>			<b>9</b>	<b>0</b>	<b>9</b>	<b>30</b>

**SPRING SEMESTER**

Your lesson Code	Course name	Type	Theory	Practice	Credit	ECTS Credit
ISG604	Fire Prevention Systems and Technologies	Z	3	0	3	10
ISG606	Seminar	Z	0	1	0	10
	Elective	S	3	0	3	10
<b>Total</b>			<b>6</b>	<b>1</b>	<b>6</b>	<b>30</b>

3rd YEAR

**FALL SEMESTER**

Your lesson Code	Course name	Type	Theory	Practice	Credit	ECTS Credit
ISG600.1	Thesis Study I	Z	0	0	0	30

**SPRING SEMESTER**

Your lesson Code	Course name	Type	Theory	Practice	Credit	ECTS Credit
ISG600.2	Thesis Study II	Z	0	0	0	30

## 4th YEAR

## FALL SEMESTER

Your lesson Code	Course name	Type	Theory	Practice	Credit	ECTS Credit
ISG600.3	Thesis Study III	Z	0	0	0	30

## SPRING SEMESTER

Your lesson Code	Course name	Type	Theory	Practice	Credit	ECTS Credit
ISG600.4	Thesis Study IV	Z	0	0	0	30

## ELECTIVE COURSES

Your lesson Code	Course name	Type	Theory	Practice	Credit	ECTS Credit
ISG650	Process Safety and Modeling	S	3	0	3	10
ISG651	OSH for Prevention of Major Industrial Accidents	S	3	0	3	10
ISG652	OHS in Working with Hazardous Substances	S	3	0	3	10
ISG653	Applied Ergonomics	S	3	0	3	10
ISG654	Systematic and Technological Occupational Safety in Working at Height and Construction Works	S	3	0	3	10
ISG655	Within the Scope of Functional Safety Machine Safety	S	3	0	3	10
ISG656	Prevention in Working with Biological Risks Methods and Techniques	S	3	0	3	10
ISG657	Electromagnetic Radiation Exposure and OHS	S	3	0	3	10
ISG658	Artificial Intelligence in Work Safety Applications	S	3	0	3	10
ISG659	Quantitative Risk Analysis Methods	S	3	0	3	10
ISG660	Qualitative Risk Analysis Methods	S	3	0	3	10
ISG661	Work Accidents, Protection Techniques and Accident Analysis	S	3	0	3	10
ISG662	Health Surveillance and Occupational Diseases	S	3	0	3	10
ISG663	OHS within the Scope of Accident Insurance Insurance	S	3	0	3	10
ISG664	Noise and Vibration within the Scope of OHS Control	S	3	0	3	10

## Total Credits Required for Graduation

(T) Theory	45
(U) Application	1
(K) Local Credit	45
(ECTS) ECTS Credit	240
(S) Elective Course ECTS Credit	60

## SCIENTIFIC PREPARATORY COURSES

Your lesson Code	Course name	Type	Theory	Practice	Credit	ECTS Credit
ISG651	Scientific Research Techniques and Ethics	S	3	0	3	10
ISG652	Electrical Applications	S	3	0	3	10
ISG653	in Fire Safety OHS	S	3	0	3	10
ISG654	OHS Occupational Safety Legislation in	S	3	0	3	10
ISG655	Industry and Chemical Industry	S	3	0	3	10