**Class schedule for semesters of the academic education**

**semester plan for Master degree of Occupational Safety and Health Engineering**

**First semester**

|  |  |
| --- | --- |
| Credit number | Subject title  |
| Sum | Practical | Theoretical |
| 1 | 0.5 | 0.5 | Geographic information system (GIS) |
| 1 | 0.5 | 0.5 | Medical Information Systems |
| 2 | 0 | 2 | Research Methods in Health Sciences |
| 2 | 0.5 | 1.5 | Evaluation of Air Pollution |
| 1 | 0 | 1 | process safety |
| 2.5 | 0.5 | 2 | Design of Noise Control Systems |
| 1.5 | 0.5 | 1 | Occupational Ergonomics (1) |
| 1 | 0.5 | 0.5 | Design of Lighting in Workplace |
| 12 | Sum |

**Second semester**

|  |  |
| --- | --- |
| Credit number | Subject title  |
| Sum | Practical | Theoretical |
| 2 | 0.5 | 1.5 | Analytical Statistics in Occupational Health |
| 2 | 0 | 2 | Specialized Language of Occupational Health |
| 3 | 0.5 | 2.5 | Design of Air Pollution Control Systems in the Workplaces |
| 2 | 0 | 2 | Occupational Toxicology |
| 1 | 1 | 0 | Applied Occupational Toxicology |
| 1.5 | 0.5 | 1 | Fire Risk Assessment, Control and Management |
| 2.5 | 0.5 | 2 | Design of Heat, Cold and Humidity Control Systems |
| 14 | Sum |

**Third semester**

|  |  |
| --- | --- |
| Credit number | Subject title  |
| Sum | Practical | Theoretical |
| 1 | 0 | 1 | Analysis of Accidents |
| 1 | 0.5 | 0.5 | Acquaintance with Occupational Health Organizations and Services in Practice |
| 2 | 0.5 | 1.5 | System Safety and Risk Management |
| 1.5 | 0.5 | 1 | Design of Vibration Control Systems |
| 1 | 0.5 | 0.5 | Radiations Protection in Workplace |
| 2 | 0 | 2 | Principles of Accident and Disaster Risk Management |
| 1.5 | 0.5 | 1 | Occupational Ergonomics (2) |
| 2 | 0 | 2 | Modeling in Occupational Health |
| 12 | Sum |

**Forth semester**

|  |  |
| --- | --- |
| Credit number | Subject title  |
| Sum | Practical | Theoretical |
| 6 | - | - | Thesis |