**Field of Study: Occupational Health Engineering**

**Program: Master of Sciences**

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| ***1st Semester*** |
| ***Masters Course of occupational health*** |
| Name of Course | Course Code | Number & Type of Credits | | |  |
| Theoretical  Units | Practical  Units | Total | Prerequisite |
| Applied Human Factors Engineering(1) | 1780365 | 1.5 | 0.5 | 2 |  |
| Design of Lighting in Workplace | 1780364 | 0.5 | 0.5 | 1 | - |
| Evaluation of Air Pollution | 1780349 | 2 | 1 | 3 | - |
| Critical statistics and the use of computer software | 1780358 | 1 | 1 | 2 | 1780352 |
| Work-related diseases | 1780361 | 1.5 | 0.5 | 2 | - |
| Medical information systems | 1780355 | 0.5 | 0.5 | 1 | - |
| Specialized language | 1780357 | 2 | 1 | 3 | - |
| Total:13 |  |  |  |  |  |

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| ***2end Semester*** |
| ***Masters Course of occupational health*** |
| Name of Course | Course Code | Number & Type of Credits | | |  |
| Theoretical  Units | Practical  Units | Total | Prerequisite |
| Design of Heat, Cold, and Humidity Control System | 1780362 | 1 | 2 | 3 |  |
| Radiations Protection in Workplace | 1780345 | 0.5 | 0.5 | 1 | - |
| Occupational Toxicology | 1780346 | 2 | 0 | 2 | - |
| Research method in health sciences | 1780356 | 2 | 0 | 2 | 1780352 |
| Workplace Safety (System Safety) | 1780347 | 1 | 1 | 2 | General safety in the workplace |
| Geographic Information Systems (GIS) and their application in professional health | 1780348 | 0.5 | 0.5 | 1 | - |
| Total:11 |  |  |  |  |  |

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| ***3rd Semester*** |
| ***Masters Course of occupational health*** |
| Name of Course | Course Code | Number & Type of Credits | | |  |
| Theoretical  Units | Practical  Units | Total | Prerequisite |
| Design of Air Pollution Control Systems in The Workplaces | 1780359 | 2 | 1 | 3 |  |
| Modeling in Occupational Hygiene | 1780367 | 1 | 1 | 2 | - |
| Applied Human Factors Engineering(2) | 1780366 | 1 | 1 | 2 | 1780365 |
| Applied Occupational Toxicology | 1780360 | 0 | 1 | 1 |  |
| Design of Noise and Vibration Control System | 1780363 | 2 | 1 | 3 | - |
| Total:11 |  |  |  |  |  |

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| ***4th Semester*** |
| ***Masters Course of occupational health*** |
| Name of Course | Course Code | Number & Type of Credits | | |  |
| Theoretical  Units | Practical  Units | Total | Prerequisite |
| Thesis | 1780368 | 0 | 5 | 5 | All units of the preceding semester |
| Total:5 |  |  |  |  |  |