

Course Structure

Master of Science in Geospatial Technologies for Disaster Management

Faculty of Engineering, Science and Technology



Semester 1

| Type | Code | Name | Prerequisites | Credit Points | Fee (MVR) |
|-----------------------|--------|---|---------------|---------------|---------------|
| CORE | ENV503 | Disaster Risk Analysis, Assessment and Management | Nil | 15 | 3,450 |
| CORE | MGT515 | Governance and Crisis Management in Disaster | Nil | 15 | 3,900 |
| CORE | GEO501 | Geographic Information Systems | Nil | 15 | 3,450 |
| CORE | ARC501 | Fundamentals of Urban Planning | Nil | 15 | 4,800 |
| Semester Total | | | | 60 | 15,600 |

Semester 2

| Type | Code | Name | Prerequisites | Credit Points | Fee (MVR) |
|-----------------------|--------|--|---------------|---------------|---------------|
| CORE | GEO503 | Geoinformatics for Disaster Management | GEO501 | 15 | 3,450 |
| CORE | GEO505 | Remote Sensing for Disaster Management | GEO501 | 15 | 3,450 |
| CORE | CPT601 | Disaster Modelling and Simulation | GEO501 | 15 | 3,450 |
| CORE | GEO507 | Advanced Research Methodology | Nil | 20 | 4,600 |
| Semester Total | | | | 65 | 14,950 |

Semester 3

| Type | Code | Name | Prerequisites | Credit Points | Fee (MVR) |
|-----------------------|--------|---|---------------|---------------|------------------------|
| CORE | GEO601 | Spatial Analysis for Climate Change and Disasters | Nil | 15 | 3,450 |
| CORE | GEO603 | Master's Dissertation | GEO507 | 40 | 9,200 |
| ELECTIVE | | Elective | Nil | 15 | 3,450 - 4,800 |
| Semester Total | | | | 70 | 16,100 - 17,450 |

Elective

| Type | Code | Name | Prerequisites | Credit Points | Fee (MVR) |
|---------------------|--------|--|---------------|---------------|------------------------|
| ELECTIVE | PUB621 | Public Health Response in Disaster | Nil | 15 | 4,800 |
| ELECTIVE | ECO601 | Impacts of Disaster on Economy and Development | Nil | 15 | 3,900 |
| ELECTIVE | STA601 | Statistics in Disaster Management | Nil | 15 | 3,450 |
| Course Total | | | | 195 | 46,650 - 48,000 |

Fees stated above are tuition fees for local students. Fees for international students is twice the stated fees. All fees are quoted in MVR.

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