

Master of Geosciences / Geophysics

- Mandatory Modules
- Core Modules Geophysics
- Specialisation Modules
- Elective Modules

Y1	GEW-MM01 Topics in Earth System Science (6)	GEW-MC05 Theoretical Geophysics (6)	GEW-MC06 Geophysical Inversion and Data Analysis (6) Geophysical Inversion	GEW-MC07 Geophysical Laboratory (6)	GEW-MF13 Applied Geophysical Methods I (6) Seismic Methods
	GEW-ME01 Modelling and Exploring the Earth System (6) Modelling Tectonic and Surface Processes	GEW-ME06 Special remote methods in Geosciences (6) Deep Electromagnetics and Magnetotellurics	GEW-MC06 Geophysical Inversion and Data Analysis (6) Data Analytics and Interpretation	GEW-MF12 Seismological Data Science (6) Volcano Seismology	GEW-MF13 Applied Geophysical Methods I (6) Potential Field Methods
Y2	GEW-MM02 Project Practical or Research Internship (12)		GEW-ME02 Geosciences across scales (6) Stress Field of the Earth	GEW-MF12 Seismological Data Science (6) Seismic Hazard	GEW-ME08 Monitoring Techniques and Data Analysis (6) Space Physics and Weather
	Master Project and Thesis (30)				

Possible study schedule for students with a broad interest in *Geophysics*

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- Mandatory Modules
- Core Modules Geophysics
- Specialisation Modules
- Elective Modules

Y1	GEW-MM01 Topics in Earth System Science (6)	GEW-MC05 Theoretical Geophysics (6)	GEW-MC06 Geophysical Inversion and Data Analysis (6) Geophysical Inversion	GEW-MC07 Geophysical Laboratory (6)	GEW-MF14 Applied Geophysical Methods II (6) Electrical and Electromagnetic Methods
	GEW-ME01 Modelling and Exploring the Earth System (6) Special Topics in Applied Geophysics	GEW-ME06 Special remote methods in Geosciences (6) Deep Electromagnetics and Magnetotellurics	GEW-MC06 Geophysical Inversion and Data Analysis (6) Data Analytics and Interpretation	GEW-MF13 Applied Geophysical Methods I (6) Potential Field Methods	GEW-MF14 Applied Geophysical Methods II (6) Field Course
Y2	GEW-MM02 Project Practical or Research Internship (12)		GEW-ME02 Geosciences across scales (6) Geothermics	GEW-MF13 Applied Geophysical Methods I (6) Seismic Methods	GEW-ME05 Geoscientific data science (6) Groundwater in geological systems
	Master Project and Thesis (30)				

Possible study schedule for students with a keen interest in *Applied Geophysics*

Master of Geosciences / Geophysics

- Mandatory Modules
- Core Modules Geophysics
- Specialisation Modules
- Elective Modules

Y1	GEW-MM01 Topics in Earth System Science (6)	GEW-MC05 Theoretical Geophysics (6)	GEW-MC06 Geophysical Inversion and Data Analysis (6) Geophysical Inversion	GEW-MC07 Geophysical Laboratory (6)	GEW-MF11 Fundamentals of Digital Seismology (6) Digital Seismology
	GEW-ME01 Modelling and Exploring the Earth System (6) Modelling Tectonic and Surface Processes	GEW-ME04 Modern Trends in Geosciences (6) Special problems in Geophysics	GEW-MC06 Geophysical Inversion and Data Analysis (6) Data Analytics and Interpretation	GEW-MF12 Seismological Data Science (6) Volcano Seismology	GEW-MF11 Fundamentals of Digital Seismology (6) Array Seismology
Y2	GEW-MM02 Project Practical or Research Internship (12)		GEW-ME02 Geosciences across scales (6) Stress Field of the Earth	GEW-MF12 Seismological Data Science (6) Seismic Hazard	GEW-ME08 Monitoring Techniques and Data Analysis (6) Earthquake and Volcano Remote Sensing
	Master Project and Thesis (30)				

Possible study schedule for students with a keen interest in *Seismology*