

SUSTAINABLE WATER MANAGEMENT (SEPTEMBER START) (MSc/PgDip/PgCert)

57D443B1/ 61D443VX/ 62D443VZ

Duration: 12 months full-time or normally 24 months part-time (MSc)

Candidates shall be required to attend the following designated courses:

OPEN PATHWAY

FULL TIME ROUTE

Stage 1

- PD5006 Getting Started at the University of Aberdeen (0 credit points)
- GG5078 Hydrological Extremes under Global Change (15 credit points)
- GG5079 Water in the Environment (15 credit points)

Plus **two** courses from the following:

- GG5059 UAV Remote Sensing, Monitoring and Mapping (15 credit points)
- GG5065 Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)
- GG5072 Sustainability Transitions – Challenges and Opportunities (15 credit points)
- GL5059 Near Surface and Environmental Geophysics (15 credit points)

Stage 2

- GG5580 Integrated Water Resource Management (15 credit points)
- GG5581 Sustainable Water Management in Scotland: Field Course (15 credit points)

Plus **two** courses from the following:

- EK5807 Catchment Management (15 credit points)
- GG5516 Research Methods (15 credit points)
- GG5557 Governance and Political Economy of Sustainability (15 credit points)
- GG5567 Advanced Spatial Analysis and Programming (15 credit points)
- GG5571 Partnerships for Sustainability (15 credit points)

Stage 3

- GG5982 MSc Sustainable Water Management Dissertation (60 credit points)

PART TIME ROUTE

Year 1

- PD5006 Getting Started at the University of Aberdeen (0 credit points)
- GG5079 Water in the Environment (15 credit points)
- GG5580 Integrated Water Resource Management (15 credit points)

Plus **one** course from the following:

- GG5059 UAV Remote Sensing, Monitoring and Mapping (15 credit points)
- GG5065 Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)
- GG5072 Sustainability Transitions – Challenges and Opportunities (15 credit points)
- GL5059 Near Surface and Environmental Geophysics (15 credit points)

Plus **one** course from the following:

- EK5807 Catchment Management (15 credit points)
- GG5516 Research Methods (15 credit points)
- GG5557 Governance and Political Economy of Sustainability (15 credit points)
- GG5567 Advanced Spatial Analysis and Programming (15 credit points)
- GG5571 Partnerships for Sustainability (15 credit points)

Year 2

- GG5078 Hydrological Extremes under Global Change (15 credit points)
- GG5581 Sustainable Water Management in Scotland: Field Course (15 credit points)

Plus **one** course from the following:

- GG5059 UAV Remote Sensing, Monitoring and Mapping (15 credit points)
- GG5065 Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)
- GG5072 Sustainability Transitions – Challenges and Opportunities (15 credit points)
- GL5059 Near Surface and Environmental Geophysics (15 credit points)

Plus **one** course from the following:

- EK5807 Catchment Management (15 credit points)
- GG5516 Research Methods (15 credit points)
- GG5557 Governance and Political Economy of Sustainability (15 credit points)
- GG5567 Advanced Spatial Analysis and Programming (15 credit points)

Plus

- GG5982 MSc Sustainable Water Management Dissertation (60 credit points)

HYDROLOGICAL SCIENCES PATHWAY

FULL TIME ROUTE

Stage 1

- PD5006 Getting Started at the University of Aberdeen (0 credit points)
- GG5078 Hydrological Extremes under Global Change (15 credit points)
- GG5079 Water in the Environment (15 credit points)
- GG5065 Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)
- GL5059 Near Surface and Environmental Geophysics (15 credit points)

Stage 2

- GG5580 Integrated Water Resource Management (15 credit points)
- GG5581 Sustainable Water Management in Scotland: Field Course (15 credit points)
- EK5807 Catchment Management (15 credit points)
- GG5567 Advanced Spatial Analysis and Programming (15 credit points)

Stage 3

- GG5982 MSc Sustainable Water Management Dissertation (60 credit points)

PART TIME ROUTE

Year 1

- PD5006 Getting Started at the University of Aberdeen (0 credit points)
- GG5078 Hydrological Extremes under Global Change (15 credit points)
- GG5079 Water in the Environment (15 credit points)
- GG5580 Integrated Water Resource Management (15 credit points)
- GG5581 Sustainable Water Management in Scotland: Field Course (15 credit points)

Year 2

- GG5065 Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)
- GL5059 Near Surface and Environmental Geophysics (15 credit points)
- EK5807 Catchment Management (15 credit points)
- GG5567 Advanced Spatial Analysis and Programming (15 credit points)

Plus

GG5982 MSc Sustainable Water Management Dissertation (60 credit points)

WATER AND SOCIETY PATHWAY

FULL TIME ROUTE

Stage 1

PD5006 Getting Started at the University of Aberdeen (0 credit points)
GG5065 Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)
GG5072 Sustainability Transitions – Challenges and Opportunities (15 credit points)
GG5078 Hydrological Extremes under Global Change (15 credit points)
GG5079 Water in the Environment (15 credit points)

Stage 2

GG5557 Governance and Political Economy of Sustainability (15 credit points)
GG5580 Integrated Water Resource Management (15 credit points)
GG5581 Sustainable Water Management in Scotland: Field Course (15 credit points)
GG5571 Partnerships for Sustainability (15 credit points)

Stage 3

GG5982 MSc Sustainable Water Management Dissertation (60 credit points)

PART TIME ROUTE

Year 1

PD5006 Getting Started at the University of Aberdeen (0 credit points)
GG5072 Sustainability Transitions – Challenges and Opportunities (15 credit points)
GG5079 Water in the Environment (15 credit points)
GG5557 Governance and Political Economy of Sustainability (15 credit points)
GG5580 Integrated Water Resource Management (15 credit points)

Year 2

GG5065 Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)
GG5078 Hydrological Extremes under Global Change (15 credit points)
GG5581 Sustainable Water Management in Scotland: Field Course (15 credit points)
GG5571 Partnerships for Sustainability (15 credit points)

Plus

GG5982 MSc Sustainable Water Management Dissertation (60 credit points)

Assessment: By coursework, by written examination, or by a combination of these, as prescribed for each course. Please see individual course entries in the *Postgraduate Catalogue of Courses*, or departmental documentation, for further details.