

SUSTAINABLE WATER MANAGEMENT (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)
GG5079	Water in the Environment (15 credit points)
GG5080	Integrated Water Resource Management (15 credit points)

Plus **two** courses from the following:

EK5307	Catchment Management (15 credit points)
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

GG5578	Hydrological Extremes under Global Change (15 credit points)
GG5581	Sustainable Water Management in Scotland: Field Course (15 credit points)

Plus **two** courses from the following:

GG5557	Governance and Political Economy of Sustainability (15 credit points)
GG5559	UAV Remote Sensing, Monitoring and Mapping (15 credit points)
GG5565	Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)
GG5567	Advanced Spatial Analysis and Programming (15 credit points)
GG5571	Partnerships for Sustainability (15 credit points)
GG5583	International Watercourses Law and Policy (15 credit points)

Stage 3

GG5982	MSc Sustainable Water Management Dissertation (60 credit points)
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PART TIME ROUTE

Year 1

PD5006	Getting Started at the University of Aberdeen (0 credit points)
GG5079	Water in the Environment (15 credit points)
GG5578	Hydrological Extremes under Global Change (15 credit points)

Plus **one** course from the following:

EK5307	Catchment Management (15 credit points)
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:

GG5557	Governance and Political Economy of Sustainability (15 credit points)
GG5559	UAV Remote Sensing, Monitoring and Mapping (15 credit points)
GG5565	Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)
GG5567	Advanced Spatial Analysis and Programming (15 credit points)
GG5571	Partnerships for Sustainability (15 credit points)
GG5583	International Watercourses Law and Policy (15 credit points)

PLEASE SEE OVER →

Year 2

- GG5080 Integrated Water Resource Management (15 credit points)
GG5581 Sustainable Water Management in Scotland: Field Course (15 credit points)

Plus one course from the following:

- EK5307 Catchment Management (15 credit points)
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:

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GG5565 Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)
GG5567 Advanced Spatial Analysis and Programming (15 credit points)
GG5571 Partnerships for Sustainability (15 credit points)
GG5583 International Watercourses Law and Policy (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)
EK5307 Catchment Management (15 credit points)
GG5079 Water in the Environment (15 credit points)
GG5080 Integrated Water Resource Management (15 credit points)
GL5059 Near Surface and Environmental Geophysics (15 credit points)

Stage 2

- GG5567 Advanced Spatial Analysis and Programming (15 credit points)
GG5578 Hydrological Extremes under Global Change (15 credit points)
GG5581 Sustainable Water Management in Scotland: Field Course (15 credit points)

Plus either:

- GG5567 Advanced Spatial Analysis and Programming (15 credit points)

Or:

- GG5583 International Watercourses Policy and Law (15 credit points)

Stage 3

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

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PLEASE SEE OVER →

Year 2

EK5307 Catchment Management (15 credit points)
GL5059 Near Surface and Environmental Geophysics (15 credit points)
GG5565 Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)

Plus either:

GG5567 Advanced Spatial Analysis and Programming (15 credit points)

Or:

GG5583 International Watercourses Policy and Law (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)
GG5079 Water in the Environment (15 credit points)
GG5080 Integrated Water Resource Management (15 credit points)

Stage 2

GG5571 Partnerships for Sustainability (15 credit points)
GG5578 Hydrological Extremes under Global Change (15 credit points)
GG5581 Sustainable Water Management in Scotland: Field Course (15 credit points)

Plus either:

GG5557 Governance and Political Economy of Sustainability (15 credit points)

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GG5982 MSc Sustainable Water Management Dissertation (60 credit points)

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Or:

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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.