IIE Master of Philosophy in Integrated Water Management

Faculty of Science & Technology

Recurring droughts, water scarcity and declining freshwater availability are increasingly complex issues of global concern. In South Africa, these issues pose a danger to every sector of society. It is no longer possible to solve such complex water issues through one discipline alone and the integration of knowledge and expertise from different disciplines is required.

The programme is aimed at students from South and Southern Africa (developing countries context) with a strong interest in integrated water management, enhancing their research skills and leadership aspirations. It is targeted at professionals already working within the water field that want to advance their career in a significant way and become water leaders of the future.

The programme combines coursework and a research thesis and is intentionally designed to cater for a small group of students to ensure quality supervision and mentorship, through regular interaction with local and regional water experts.

DEGREE	CONTACT	FULL-TIME / PART-TIME

www.iiemsa.co.za

IIE Master of Philosophy in Integrated Water Management

2 YEARS FULL-TIME / 3 YEARS PART-TIME | NQF LEVEL 9 | MINIMUM 180 Credits | SAQA ID: 73709

Curriculum

MODULES					
Code	**Module Name**	**Credits**	**Code**	**Module Name**	**Credits**
RMPM9113	Research Methodology and Project Management	15	REWT9113	Research Thesis	120
WAGP9113	Water governance and policy	15	WASD9113	Water sustainability and Development	15
SCWA9113	Science of Water	15			

Articulation Options

For the Faculty of Science and Technology the following qualification allows you to articulate into the IIE Master of Philosophy in in Integrated Water Management should you meet the requirements:

IIE Postgraduate Diploma in Water Management.

For alternative articulation options within our other faculties, please contact your campus for further information.

NQF 5 Higher Certificate

NQF 7 Bachelor's Degree

NQF 8 Honours Degree or Postgraduate Diploma

NQF 9 Master's Degree ✓

Admission Requirements

There are prerequisites for this programme that must be met in order to progress through the qualification.

An appropriate HEQSF Level 8 Honours degree; OR
A relevant Postgraduate Diploma or appropriate equivalent; OR
An appropriate Level 8 Bachelor's Degree (480 credits) may also be recognised as meeting the minimum entry requirements to a cognate Master's Degree programme.

Note: An overall qualification average of at least 65% is required, normally.

Applicants whose Level 8 qualification is not appropriate for the discipline may be admitted following successful completion of two postgraduate modules as specified by the Faculty.

International
A SAQA NQF L8 Evaluation Certificate in an appropriate field

Senate Discretionary Admission
Recognition of Prior Learning (RPL)
Where candidates do not satisfy the formal admission requirements for this qualification. The IIE may consider an admission application in terms of the Credit Accumulation and Transfer, Recognition of Prior Learning and Qualification Completion Policy (IIE010).

Please Note: All applicants who are eligible for admission to the Master of Philosophy in Integrated Water Management degree are required to successfully complete and present a research proposal and obtain ethics clearance for the research for their mini-dissertation.

Career Opportunities

The programme focuses on building skills such as critical thinking, problem solving, statistics and data management, knowledge transfer and effective leadership.

Upon completion of programme it is expected that graduates will be prepared to take on leadership positions in international agencies, government departments, non-governmental organisations, and private sector entities engaged in water management. These graduates will bring critical thinking and analytical skills and an interdisciplinary perspective to water management solutions.

A graduate will be able to:
Appraise freshwater ecosystems as complex social-ecological systems, design an integrated water resource management plan, develop a research project proposal, execute an integrated water management research project, prepare a manuscript (academic paper) ready for submission for publication.

SHAPE YOUR DEGREE. YOUR FUTURE. YOUR CAREER.

Please note, details are correct at the time of publication. MPIW0901 V2 - 30/04/2024