

## 12.5 LEARNING PROGRAMMES FOR POSTGRADUATE DIPLOMAS

### 12.5.1 POSTGRADUATE DIPLOMA IN DISASTER MANAGEMENT BC450025

The Postgraduate Diploma in Disaster Management contains 120 credits and is presented in a minimum period of one year plus another year. The Dean may, however, give special permission that another additional year be granted to complete the qualification.

The programme consists of eight compulsory modules and a field visit in one of the modules. The programme requires practical assignments to be completed by students and submitted at predetermined dates. Assignments will be marked and graded by the lecturers, who will give students feedback in a written format and also orally during contact sessions. Assignments will be part of a continual assessment process. Apart from the assignments, a formal examination assessment (written) will take place at the end of each semester, normally during June and November.

First Semester	Credits	Second Semester	Credits
DIMI5810 Introduction to disaster management	15	DIMS5825 Strategic Disaster Management	20
DIMR5810 Research Design and Methodology	15	DIMN5820 Management of Natural and Human-made Disasters	15
DIML5810 Legal and Institutional arrangements for Disaster Managers	15	DIMT5820 Information Technology in Disaster Management	10
DIMM5810 Theoretical Models for disaster risk reduction	15	DIMP5820 Public Health in Disaster Management	15

### 12.5.2 POSTGRADUATE DIPLOMA IN INTEGRATED WATER MANAGEMENT BC450091

Upon completion of the qualification students will be able to:

- Apply a holistic, integrated approach to solving complex environmental problems relating to water by making use of social and ecological assessment and project management tools;
- Identify, interpret and implement the theory and applied knowledge related to water resources and processes and environmental sustainability and assessment practices;
- Critically analyse the relationships between human development and the environment and to discriminate between beneficial and detrimental environmental practices as they relate to water; and
- Make informed decisions, guided by ethical standards, scientific evidence and societal needs within the context of integrated water management.
- The programme offered is interdisciplinary and will be presented by the Faculty of Natural and Agricultural Sciences in conjunction with the Faculties of Economic and Management Sciences, Law and the Humanities under the control of the Centre for Environmental Management and a management committee. It is offered over a minimum period of one year with a total of 120 credits.

First Semester	Credits	Second Semester	Credits
IWRM5810 Introduction to Water Resources	48	IWRM5846 Integrated Water Resource Management and Legislation	24
		IWRM5820 Integrated Water Resources Science	48

### 12.5.3 POSTGRADUATE DIPLOMA IN SUSTAINABLE AGRICULTURE BC550047

#### LEARNING PROGRAMMES FOR POSTGRADUATE DIPLOMA IN SUSTAINABLE AGRICULTURE

The Postgraduate Diploma in Sustainable Agriculture contains 136 credits and is presented in a minimum period of one year. This degree will develop agricultural specialists that could support sustainable agricultural practice, and in return support food security and socio-economic development.

The programme consists of six compulsory modules. The programme requires assignments to be completed by students and submitted at predetermined dates. Assignments will be marked and graded by the lecturers, who will give students feedback in a written and oral format during contact sessions. Assignments will be part of a continual assessment process.

First Semester	Credits	Second Semester	Credits
SANR5806 Assessment and Management of Natural Resources	24	SARP5826 Research Methods for Sustainable Agriculture	24
SALS5806 Livestock Production for Sustainable Agriculture	24		
SAIT5814 Introduction to Sustainable Agriculture	16		
SAEX5806 Extension for Sustainability	24		
SAEC5806 Economics for Sustainable Agriculture	24		