

DIPLOMA IN WILDLIFE MANAGEMENT

Dip (Wildlife Management) - NQF Level 6 (360 credits)

Qualification code: DPWI20

SAQA ID: 115551, CHE NUMBER: H/H16/E130CAN

Campus where offered:

Pretoria Campus

REMARKS

a. Admission requirement(s) and selection criteria:

• **APPLICANTS WITH A SENIOR CERTIFICATE OBTAINED BEFORE 2008:**

Admission requirement(s):

A Senior Certificate or an equivalent qualification, with a D symbol at Standard Grade for English and either Biology, Physical Science or Mathematics.

Recommended subject(s):

None.

Selection criteria:

Assessment is based on the normal M-score with a weighted Swedish scale.

SYMBOL	HG VALUE	SG VALUE
A	6	5
B	5	4
C	4	3
D	3	2
E	2	1

To be considered for this qualification, applicants must have an Admission Point Score (APS) of at least **24**.

• **APPLICANTS WITH A NATIONAL SENIOR CERTIFICATE OBTAINED IN OR AFTER 2008:**

Admission requirement(s):

A National Senior Certificate with a bachelor's degree or a diploma endorsement, or an equivalent qualification, with an achievement level of at least 4 for English (home language or first additional language) and 3 for Mathematics or Technical Mathematics or 4 for Mathematical Literacy.

Recommended subject(s):

Agricultural Sciences, Geography, Life Sciences, Physical Sciences or Technical Sciences.

Selection criteria:

To be considered for this qualification, applicants must have an Admission Point Score (APS) of at least **24** (with Mathematics or Technical Mathematics) or **25** (with Mathematical Literacy).

• **APPLICANTS WITH A NATIONAL CERTIFICATE (VOCATIONAL) AT NQF LEVEL 4:**

Admission requirement(s):

A National Certificate (Vocational) at NQF Level 4 with a bachelor's degree or a diploma endorsement, with at least 50% for English (home language or first additional language) and 40% for Mathematics or 50% Mathematical Literacy, 40% for Life Orientation (excluded for APS calculation) and 50% for any other three compulsory vocational subjects.



Selection criteria:

To be considered for this qualification, applicants must have an Admission Point Score (APS) of at least **24** (with Mathematics or Technical Mathematics) or **25** (with Mathematical Literacy).

b. Assessment procedure(s):

Applicants with the minimum APS will be considered for admission until the programme complement is full.

Acceptance is subject to available capacity according to the Student Enrolment Plan (SEP). Once a programme is full, a waiting list will be in place to provide an opportunity for applicants to fill places of those who did not register on time. Applicants will be informed of their status per official letter from the Office of the Registrar, alternatively, they can check their application status on the TUT website, www.tut.ac.za.

c. Recognition of Prior Learning (RPL), equivalence and status:

See Chapter 30 of Students' Rules and Regulations.

d. Intake for the qualification:

January only.

e. Presentation:

Day classes.

f. Minimum duration:

Three years.

g. Exclusion and readmission:

See Chapter 2 of Students' Rules and Regulations.

h. Training excursions, field trips and practicals:

Training excursions, field trips and practical classes are compulsory and involve additional expenses, over and above the class fees. Basic camping equipment is also required. Students will be provided with further details at registration.

i. General:

It is compulsory to wear the required uniform during certain practical classes. Uniforms may also be worn to class and to practicals. Students will be provided with details about uniforms at registration. The nature of the training involves a degree of risk, and although all reasonable precautions are taken by the University and the Department to prevent accidents and injuries, it is recommended that students take out insurance. More information is available at registration.

j. Work-Integrated Learning I:

See Chapter 5 of Students' Rules and Regulations.

CURRICULUM

FIRST YEAR

CODE	MODULE	NQF-L	CREDIT	PREREQUISITE MODULE(S)
11P105X	Communication for Academic Purposes	(5)	(10)	
INF125D	Information Literacy (block module)	(5)	(3)	
LFS125X	Life Skills (block module)	(5)	(2)	
LIT105D	Computer Literacy	(5)	(9)	
WEY105D	Wildlife Ecology I	(5)	(24)	
WLC105D	Wildlife Economics I	(5)	(24)	
WLS105D	Wildlife Science I	(5)	(24)	



WMG105D Wildlife Management I (5) (24)

TOTAL CREDITS FOR THE FIRST YEAR: 120

SECOND YEAR

CODE	MODULE	NQF-L	CREDIT	PREREQUISITE MODULE(S)
EHS206D	Earth Science I	(6)	(18)	
RSC205D	Rangeland Science I	(5)	(18)	
WLC206D	Wildlife Economics II	(6)	(24)	Wildlife Economics I
WLS206D	Wildlife Science II	(6)	(24)	Wildlife Science I
WMG206D	Wildlife Management II	(6)	(24)	Wildlife Management I

plus one of the following modules (after completing any three of the following modules: Wildlife Ecology I, Wildlife Economics I, Wildlife Management I, Wildlife Science I):

LMG206D Lodge Management I (6) (12)

WUT206D Wildlife Utilization I (6) (12)

TOTAL CREDITS FOR THE SECOND YEAR: 120

THIRD YEAR

After completion of all modules.

CODE	MODULE	NQF-L	CREDIT	PREREQUISITE MODULE(S)
WWI306D	Work-Integrated Learning I	(6)	(120)	

TOTAL CREDITS FOR THE THIRD YEAR: 120

TOTAL CREDITS FOR THE QUALIFICATION: 360

MODULE INFORMATION (OVERVIEW OF SYLLABUS)

The syllabus content is subject to change to accommodate industry changes. Please note that a more detailed syllabus is available at the Department or in the study guide that is applicable to a particular module. At time of publication, the syllabus content was defined as follows:

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COMMUNICATION FOR ACADEMIC PURPOSES (11P105X)

1 X 3-HOUR PAPER

(Module custodian: Office of the Executive Dean)

A workable knowledge of English is an essential skill for any graduate who is required to conduct themselves successfully in a professional working environment. This module will equip students with the competencies required to compose a selection of written texts related to communicating both internally and externally within a professional environment. In addition, the module includes strategies that are essential for the effective communication in various situations, including small groups to avoid unproductive conflict, a multicultural context, etc. (Total notional time: 100 hours)

COMPUTER LITERACY (LIT105D)

CONTINUOUS ASSESSMENT

(Module custodian: End User Computing Unit)

This module provides students with foundational knowledge in computing fundamentals, essential digital skills in key applications based on MS Office Suite and network basics (i.e. MS Outlook and Internet). Online exams are mapped with End-User Computing: SAQA 49077 (61591) Core Element as well as Internet and Computing Core Certification (IC3). (Total notional time: 90 hours)

E**EARTH SCIENCE I (EHS206D)****1 X 3-HOUR PAPER****(Module custodian: Department of Nature Conservation)**

This module contributes towards understanding of geology, edaphology, soil classification, climatology and cartography as it applies to the ecological management of protected areas and game ranches. Knowledge of areas of specialisation and how that knowledge relates to other fields, such as Edaphology, Geology, and Cartography. (Total notional time: 180 hours)

I**INFORMATION LITERACY (INF125D)****CONTINUOUS ASSESSMENT****(Module custodian: Directorate of Library and Information Services)**

Introduction of information literacy. Development of a search strategy and application of a search string to search engines and academic databases. Evaluation of information sources. Ethical and legal use of information. (Total notional time: 30 hours)

L**LIFE SKILLS (LFS125X)****CONTINUOUS ASSESSMENT****(Module custodian: Directorate of Student Development and Support)**

Personal, socio-emotional and academic skills development for students in higher education. This module includes 1. Intra- and interpersonal skills (e.g. emotional intelligence, relationships, and conflict management); 2. General study skills (e.g. time management, goal setting, learning styles); 3. Health and wellness (e.g. HIV/AIDS, GBV issues, substance abuse); 4. Student life and adjustment (e.g. identity development, adjusting to a higher education environment); and 5. Financial management. (Total notional time: 20 hours)

LODGE MANAGEMENT I (LMG206D)**1 X 3-HOUR PAPER****(Module custodian: Department of Nature Conservation)**

This module introduces the student to the basic principles and concepts of lodge management, to acquire skills and competencies needed to communicate effectively in a general work environment and specifically in the wildlife and game lodge industry. It also introduces the student to principles and activities on how to manage guests at a lodge in terms of welcoming, entertainment and general hospitality services. Secondly, it addresses Environmental Education (EE) that focuses on introduction to EE in general and sustainable living and development with specific application in the game lodge industry, trends in EE and learner centered and teacher centered activities. Furthermore, the module also introduces guiding principles and focuses on providing the student with a conceptual understanding of guiding, focusing on guiding principles, types of guides, and legal aspects of the guiding trade with specific reference to the game lodge industry. (Total notional time: 120 hours)

R**RANGELAND SCIENCE I (RSC205D)****1 X 3-HOUR PAPER****(Module custodian: Department of Nature Conservation)**

This module contributes towards understanding of basic plant morphology (roots, stems and leaves), an introduction to the vegetation units of South Africa and basic rangeland management principles. Furthermore, Veld Management Principles will form a fundamental learning unit. (Total notional time: 180 hours)

W**WILDLIFE ECOLOGY I (WEY105D)****1 X 3-HOUR PAPER****(Module custodian: Department of Nature Conservation)**

This module looks at the ecology of individual organisms in terms of the abiotic component of the ecosystem as well as population ecology dynamics with regards to ecological co-actions such as competition, predation, mutualism, amensalism, commensalism and parasitism. Furthermore, the learning module will introduce students to water as a crucial resource for all living organisms. It will contribute to new knowledge regarding water sources, water quality and infrastructure based on ecological principles relevant for wildlife ranches in Southern Africa. These all form fundamental core competencies for game farm managers in the wildlife ranch industry. (Total notional time: 240 hours)



WILDLIFE ECONOMICS I (WLC105D)**1 X 3-HOUR PAPER****(Module custodian: Department of Nature Conservation)**

This module provides fundamental basics on general management, financial management, public administration and legislation applicable to South Africa's conservation estate and game farm industry including basic computer skills. These are fundamental core competencies for game farm managers and resource managers entering the wildlife industry. (Total notional time: 240 hours)

WILDLIFE ECONOMICS II (WLC206D)**1 X 3-HOUR PAPER****(Module custodian: Department of Nature Conservation)**

This module provides students with the necessary knowledge and techniques to make effective financial and marketing management decisions. The syllabus covers various aspects of management processes, economic principles, budgets, marketing management processes and marketing instruments as well as consumer behaviour and marketing research. (Total notional time: 240 hours)

WILDLIFE MANAGEMENT I (WMG105D)**1 X 3-HOUR PAPER****(Module custodian: Department of Nature Conservation)**

This module covers basic planning, infrastructure development and maintenance of infrastructure for wildlife undertakings. The module also contributes to an understanding of the nature and extent of the South African wildlife industry, role-players, game harvesting and meat processing. These all form fundamental core competencies for game farm managers and other technical personnel in wildlife industries. (Total notional time: 240 hours)

WILDLIFE MANAGEMENT II (WMG206D)**1 X 3-HOUR PAPER****(Module custodian: Department of Nature Conservation)**

This module covers the management principles of large predators, mega-herbivores and high-value game species within the context of behaviour, intensive and extensive ranching systems, genetics, nutrition and diseases, that are fundamental core competencies for wildlife managers within the wildlife ranching industry. (Total notional time: 240 hours)

WILDLIFE SCIENCE I (WLS105D)**1 X 3-HOUR PAPER****(Module custodian: Department of Nature Conservation)**

This module examines wildlife population dynamics and monitoring of wildlife populations. The module also includes an introduction to the feeding anatomy and physiology of different game species, supplementary feeding, reproductive cycles of game species and genetic principles and implications on a game ranch. These are fundamental core competencies for game ranchers and resource managers in the game industry and provide support to further studies in the field of Wildlife Management. (Total notional time: 240 hours)

WILDLIFE SCIENCE II (WLS206D)**1 X 3-HOUR PAPER****(Module custodian: Department of Nature Conservation)**

This module examines the principles of animal behaviour, including habitat selection, and social, feeding and reproductive behaviour, and how these can be applied in the management of a game farm. The module includes a general introduction to ethology, and the behavioural mechanisms influencing animal distribution and density, with a view to detection and interpretation for tourism. In addition, the module also includes an introduction to social behaviour and groupings. These are fundamental core competencies for game farmers and resource managers in the conservation and game industry and provide support to further studies in the field of Wildlife Management. (Total notional time: 240 hours)

WILDLIFE UTILIZATION I (WUT206D)**1 X 3-HOUR PAPER****(Module custodian: Department of Nature Conservation)**

This module contributes towards the understanding of how to effectively utilise game farms and nature reserves, and focus on both consumptive and non-consumptive utilisation, which are fundamental core competencies for game farmers and wildlife ranching managers. (Total notional time: 120 hours)

WORK-INTEGRATED LEARNING I (WWI306D)**WORK-INTEGRATED LEARNING****(Module custodian: Department of Nature Conservation)**

Practical understanding of the principals involved in setting up an ecological management plan for a conservation area associated with work-integrated learning. Ability to apply the key terms, concepts, facts, principles, rules and theories of conservation to unfamiliar but relevant contexts; and knowledge of areas of specialisation. (Total notional time: 1200 hours)

