

DIPLOMA PROGRAMMES

Diploma in Sustainable Agriculture

Year 1 Semester I

Code	Course Name	LH	PH	CH	CU
NUDSA21101	Introduction to Soil Science	30	30	45	03
NUDSA21102	Land Tenure Use Planning and Management	30	30	45	03
NUDSA21103	Urban Farming and Horticulture	30	30	45	03
NUDSA21104	Livestock and Poultry Farming	45	30	75	04
NUDSA21105	Water Harvesting and Conservation	45	30	60	04

Semester II

Code	Course Name	LH	PH	CH	CU
NUDSA2121	Agricultural Statistics	30	30	45	03
NUDSA2122	Sustainable Agricultural Development	30	30	60	04
NUDSA2123	Integrated Agricultural Production Systems	30	30	45	03
NUDSA2124	Piggery production systems	30	30	45	03
NUDSA2125	Production Economics	30	30	45	03
NUDSA2126	Computer Applications	30	30	45	03

Year 2 Semester I

Code	Course Name	LH	PH	CH	CU
NUDSA22101	Soil and Water Management	30	30	45	03
NUDSA22102	Agro-forestry	30	30	45	03
NUDSA22103	Agricultural Extension and Communication Skills	30	30	45	03
NUDSA22104	Introduction to Agro Ecosystem Sustainability	30	30	45	03
NUDSA22105	Sustainable Bee Keeping	30	30	45	03

Semester II

Code	Course Name	LH	PH	CH	CU
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NUDSA22201	Farm Planning and Management	30	30	45	03
NUDSA22202	Agricultural Marketing	30	30	45	03

Diploma in Environment Sciences

Year 1 Semester I

Code	Course Name	LH	PH	CH	CU
NUDES21101	Earth Structure and Geo-processing	30	30	60	04
NUDES21102	Soil Science	30	30	60	04
NUDES21103	Plant Resources	30	30	60	04
NUDES21104	Animal Resources	45	30	60	04
NUDES21105	Ecological Principles, Concepts and Practices	45	30	60	04

Semester II

Code	Course Name	LH	PH	CH	CU
NUDES21201	Human Ecology	30	30	60	04
NUDES21202	Biodiversity Structure, Function and Interpretation	30	30	60	04
NUDES21203	Computer Applications I	30	30	60	04
NUDES21204	Indigenous Technical Knowledge	30	30	60	04
NUDES21205	Wetlands Ecology and Management	30	30	60	04
NUDES21206	Resource Economics	30	30	60	04

Year 2 Semester I

Code	Course Name	LH	PH	CH	CU
NUDES22101	Environmental Health	30	30	60	04
NUDES22102	Waste Management	30	30	60	04
NUDES22103	Cleaner Production	30	30	60	04
NUDES22104	Land use and Planning	30	30	60	04
NUDES22105	Agriculture and Environment	30	30	60	04
NUDES22106	Forestry Resources Management	30	30	60	04

Semester II

Code	Course Name	LH	PH	CH	CU
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NUDES22201	Energy Resources Management	30	30	60	04
NUDES22202	Industrial Training	30	30	60	04
NUDES22203	Communication Environment	30	30	60	04
NUDES22204	Environmental Disaster Assessment and Management	30	30	60	04
NUDES22205	Environmental Policy and Legislation	30	30	60	04
NUDES22206	Fisheries Resources Management	60	00	60	04

Diploma in Tourism Operations

Year 1 Semester I

Code	Course Name	LH	PH	CH	CU
NUDTO21101	Introduction to Tourism	60	00	60	04
NUDTO21102	East Africa environment tourism product development	60	00	60	04
NUDTO21103	East Africa Flora Ecology	45	30	60	04
NUDTO21104	Introductory Economics	60	00	45	03

Semester II

Code	Course Name	LH	PH	CH	CU
NUDTO21201	World Travel Geography	60	00	60	04
NUDTO21202	East Africa Fauna Ecology	45	30	60	04
NUDTO21203	Tourism business operations	60	00	60	04
NUBTO21204	Maps and Photographic Interpretation	30	60	60	04

Year 2 Semester I

Code	Course Name	LH	PH	CH	CU
NUDTO22101	Tourism Professional Ethics I	60	00	60	04
NUDTO22102	Computer Applications I	30	60	60	04
NUDTO22103	Tourism and Hospitality Services Management	45	30	60	04

NUDTO22104	Travel behaviour and Management	60	00	60	04
NUDTO22105	Tourism Business Law	60	00	60	04

Semester II

Code	Course Name	LH	PH	CH	CU
NUDTO22201	Tourism Operations	60	00	60	04
NUDTO22202	Computer Application II	30	00	60	04
NUDTO22203	Airline Ticketing	60	00	60	04
NUDTO22204	Anthropology in Tourism	60	00	60	04
NUDTO22205	Travel Agency	60	00	60	04
NUDTO22206	Tour Guiding and Leadership	60	00	60	04
NUDTO22207	Field Work and Internship (Extended Semester)	00	120	60	04

Diploma in Wildlife and Forestry Management

Year 1 Semester I

Code	Course Name	LH	PH	CH	CU
NUWFM21101	Land Tenure, Uses, Planning and Management	60	00	60	04
NUWFM21102	Plant Resources	60	00	60	04
NUWFM21103	Animal Resources	45	30	60	04
NUWFM21104	Vertebrate Animal Resources	60	00	60	04
NUWFM21105	Ecological Principles, Concepts and Practices in Wildlife Management	45	30	60	04

Semester II

Code	Course Name	LH	PH	CH	CU
NUWFM21201	Biodiversity Structure, Function and Interaction	60	00	60	04
NUWFM21202	Indigenous Technical Knowledge	45	30	60	04
NUWFM21203	Wildlife and Forestry management inside Protected Areas	30	60	60	04
NUWFM21204	Wildlife Inventory and Population Dynamics	60	00	60	04
NUWFM21205	Rangeland Management	30	60	60	04

Year 2 Semester I

Code	Course Name	LH	PH	CH	CU
NUWFM22101	Wildlife Forestry Management Outside Protected Areas	60	00	60	04
NUWFM22102	Forestry Resources Management on Private Land	30	60	60	04
NUWFM22103	Afforestation and Community Conservation	45	30	60	04
NUWFM22104	Computer Applications I	60	00	60	04
NUWFM22105	Fundamentals of Accounting	60	00	60	04
NUWFM22106	Utilisation, Processing and Marketing of Wildlife and Forestry Resources	30	60	60	04

Semester II

Code	Course Name	LH	PH	CH	CU
NUWFM22201	Species Re-introduction, translocation and Captive Wildlife Management	60	00	60	04
NUWFM22202	Community Wildlife Conservation	30	00	60	04
NUWFM22203	Industrial Training	60	00	60	04
NUWFM22204	Natural Resources Conservation Education	60	00	60	04
NUWFM22205	Wildlife Diseases	60	00	60	04
NUWFM22206	People and Wildlife / People Interface Conflicts	60	00	60	04
NUWFM22207	Trade in Wildlife and Forestry Resources	60	00	60	04

Diploma in Fisheries Management and Technology**Year 1 Semester I**

Code	Course Name	LH	PH	CH	CU
NUFMT21101	Aquatic Ecology	55	20	75	05

NUFMT21102	Nutrition and Fish Utilization	50	25	75	05
NUFMT21103	Fisheries Biology (Ichthyology)	50	25	75	05
NUFMT21104	Aquaculture (Fish Farming)	50	25	75	05
NUFMT21105	Fish Farm Management and Record Keeping	50	25	75	05

Semester II

Code	Course Name	LH	PH	CH	CU
NUFMT21201	Natural Resources Economics	60	00	60	04
NUFMT21202	Fish Marketing and Business Management	65	15	75	05
NUFMT21203	Computer Application	45	15	60	04
NUFMT21204	Public Health and Hygiene	30	15	45	03

Year 2 Semester I

Code	Course Name	LH	PH	CH	CU
NUFMT22101	Fisheries Policies, Laws, and Institutions	60	00	60	04
NUFMT22102	Fishing Methods and Gear Technology	40	35	75	05
NUFMT22103	Fisheries Management and Tools	65	10	75	05
NUFMT22104	Mechanics and Marine Engineering	40	35	75	05
NUFMT22105	Urbanization/Industrialization and Pollution	50	10	60	04
NUFMT22106	Trans-Boundary Fisheries Management	25	05	30	02

Semester II

Code	Course Name	LH	PH	CH	CU
NUFMT22201	Fish Handling, Processing and Preservation	50	25	75	05
NUFMT22202	Fish Pond Sitting, Construction, Watering	25	20	45	03
NUFMT22203	Fisheries Extension and Co-Management	40	5	45	03
NUFMT22204	Industrial Attachment (Field Practical)	2	58	60	04
NUFMT22205	Fundamentals of Ecology	20	40	60	04

Diploma in Petroleum and Minerals Management and Technology

Year 1 Semester I

Code	Course Name	LH	PH	CH	CU
NUPMS21101	Earth Dynamics**	30	20	45	03
NUPMS21102	Sedimentation	30	30	45	03
NUPMS21103	Geological Engineering Analysis/Calculus	30	30	45	03
NUPMS21104	Basic Geophysics and Geochemistry	30	30	45	03
NUPMS21105	Mineralogy and Petrology*	30	30	45	03
NUPMS21106	Earth Surface System	30	30	45	03

* Mineralogy and Petrology has 10 Tutorial Hours each

** Earth Dynamics has 5 Tutorial Hours

Semester II

Code	Course Name	LH	PH	CH	CU
NUPMS21201	Petroleum Geochemistry	30	30	45	03
NUPMS21202	Mineral Geophysics	30	30	45	03
NUPMS21203	Computer Programming	30	60	45	03
NUPMS21204	Cleaner Production*	30	20	45	03
NUPMS21205	Pollution Prevention and Control*	30	20	45	03
NUPMS21206	Waste Recycle and Re-use of Minerals*	30	20	45	03
NUPMS21207	Industrial Training	00	150	75	05

* These course units have 10 Tutorial Hours each

Year 2 Semester I

Code	Course Name	LH	PH	CH	CU
NUPMS22101	Petroleum Exploration, Drilling and Production Technology	30	20	45	03
NUPMS22102	Mineral Exploration, Excavation and Production Technology*	30	20	45	03
NUPMS22103	Environment Remote Sensing and GIS	30	10	45	03
NUPMS22104	Petroleum and Mineral Project Management*	30	20	45	03

NUPMS22105	Management and Legislation of Hazardous Substances and Wastes/Pollutants*	30	20	45	03
NUPMS22106	Oil Exploration and Production Law	45	00	45	03

* These course units have 10 Tutorial Hours each

Semester II

Code	Course Name	LH	PH	CH	CU
NUPMS22201	Conflict Management*	30	10	45	03
NUPMS22202	Climate Change	30	00	30	02
NUPMS22203	Biodiversity Sensitivity and Changes*	30	10	45	03
NUPMS22204	Petroleum and Mineral Economics and Risk Analysis	30	20	45	03
NUPMS22205	Principles of Financial Management	45	00	45	03
NUPMS22206	Occupational Health and Safety	45	00	45	03

* Conflict Management has 10 Tutorial Hours

** Biodiversity Sensitivity and Changes has 5 Tutorial Hours

Diploma in Agribusiness

Year 1 Semester I

Code	Course Name	LH	PH	CH	CU
NUDAB21101	Introduction to Micro Economics	30	30	60	04
NUDAB21102	Introduction to Agricultural Statistics	30	30	60	04
NUDAB21103	Principles of Livestock Management	45	30	75	05
NUDAB21104	Principles of Agricultural Marketing	45	30	60	04
NUDAB21105	Business communication	30	30	60	04
NUDAB21106	Livestock Production Systems	30	30	60	04

Semester II

Code	Course Name	LH	PH	CH	CU
NUDAB21201	Annual Crops Management	45	30	60	04
NUDAB21202	Agribusiness Systems and Planning	45	30	60	04
NUDAB21203	Production Economics	45	30	60	04
NUDAB21204	Computer Applications	45	30	60	04

NUDAB21205	Perennial Crops Management	45	30	60	04
NUDAB21206	Agro-forestry	45	30	60	04
NUDAB2102	Field Attachment/Industrial Training	00	150	75	05

Year 2 Semester I

Code	Course Name	LH	PH	CH	CU
NUDAB22101	Entrepreneurship	30	30	60	04
NUDAB22102	Farm Planning and Management	30	30	60	04
NUDAB22103	Gender and Agricultural Development	30	30	60	04
NUDAB22104	International Agro-product Trade and Marketing	30	30	60	04
NUDAB22105	Sustainable Natural Resources Management	30	30	60	04
NUDAB22106	Agriculture Extension and Communication Skills	30	30	60	04

Semester II

Code	Course Name	LH	PH	CH	CU
NUDAB22201	Cooperatives and Credit Management	30	30	60	04
NUDAB22202	Commodity Pricing and Risk Management	30	30	60	04
NUDAB22203	Agricultural Finance	30	30	60	04
NUDAB22204	Agricultural Records, Accounting and Analysis	30	30	60	04
NUDAB22205	Management Information Systems	30	30	60	04
NUDAB22206	Business Computing	30	30	60	04

Diploma in Biological Sciences

Year 1 Semester I

Code	Course Name	LH	PH	CH	CU
NUDBS21101	Origin and Diversity of Organisms	30	20	45	03
NUDBS21102	Computer Applications	30	10	45	03
NUDBS21103	Fundamentals of Physical Chemistry	30	20	45	03

NUDBS21104	Chemical and Cellular nature of life	30	20	45	03
NUDBS21105	Elementary Genetics	30	20	45	03
NUDBS21106	Photosynthesis and Respiration	30	20	45	03

The course units above have 5 Tutorial Hours except Computer Application which has 10 Tutorial Hours

Semester II

Code	Course Name	LH	PH	CH	CU
NUDBS21201	Introductory Microbiology*	30	20	45	03
NUDBS21202	Nutrition in Plants and Animals**	30	20	45	03
NUDBS21203	Basic Entomology and Parasitology**	30	20	45	03
NUDBS21204	Gaseous Exchange in Plants and Animals*	30	20	45	03
NUDBS21205	Transport and Regulation of Body Fluids in Plants and Animals**	30	20	45	03
NUDBS21206	Biostatistics*	25	20	45	03
NUDBS21207	Preparation and Preservation of Biological Specimen*	15	20	45	03

* These course units have 10 Tutorial Hours each

** These course units have 5 Tutorial Hours

Year 2 Semester I

Code	Course Name	LH	PH	CH	CU
NUDBS22101	Ecology of Populations and Communities*	30	10	45	03
NUDBS22102	Comparative Physiology, Immunology and Pathology*	30	10	45	03
NUDBS22103	Ecosystems and Biogeography**	20	10	30	02
NUDBS32104	Climate Change: Impacts, Vulnerability, Coping and Mitigation **	30	10	45	03
NUDBS22105	Animal Behaviour	20	10	45	03
NUDBS22106	Limnology, Fisheries Science and Aquaculture**	30	20	45	03
NUDBS22107	Applied Microbiology **	20	10	45	03

* These course units have 10 Tutorial Hours each

** These course units have 5 Tutorial Hours

Semester I

Code	Course Name	LH	PH	CH	CU
NUDBS22201	Environmental Health and Sanitation	20	10	45	03
NUDBS22202	Environmental Protection and Impact Assessment	20	10	30	02
NUDBS22203	Horticulture	20	10	30	02
NUDBS22204	Applied Parasitology	30	30	45	03
NUDBS22205	Ethnobotany and Phytochemistry	30	20	45	03
NUDBS22206	Research Methods and Communication Skills	30	30	45	03

These course units above have 5 Tutorial Hours each

Diploma in Hotel Management and Catering

Year 1 Semester I

Code	Course Name	LH	PH	CH	CU
NUDHMC21101	Introduction to Foods and Nutrition	30	60	60	04
NUDHMC21102	Food hygiene and Safety	30	30	45	03
NUDHMC21103	Housekeeping	30	30	45	03
NUDHMC21104	Communication Skills	45	00	45	03
NUDHMC21105	Introductory French/German	45	30	60	04

Semester II

Code	Course Name	LH	PH	CH	CU
NUDHMC2121	Information Technology	45	30	60	04
NUDHMC2122	Hotel Accounting	30	60	60	04
NUDHMC2123	Front Office Procedures	45	30	60	04
NUDHMC2124	Food Theory I	60	00	60	04
NUDHMC2125	Intermediate French/German	45	30	60	04

Year 2 Semester I

Code	Course Name	LH	PH	CH	CU
NUDHMC22101	Food Production and Presentation	30	60	60	04

NUDHMC22102	Introduction to Tourism	45	00	45	03
NUDHMC22103	Food Service Operations	30	60	60	04
NUDHMC22104	Food Theory II	30	60	60	04
NUDHMC22105	Advanced French/German	45	30	60	04

Semester II

Code	Course Name	LH	PH	CH	CU
NUDHMC22201	Baking and Confectionery Production	30	60	60	04
NUDHMC22202	Hospitality Supervision	15	60	45	03
NUDHMC22203	Customer Care	45	00	45	03
NUDHMC22204	Food and Beverage Costing	50	20	60	04
NUDHMC22205	Bar and Beverage Management	60	00	60	04
NUDHMC22301	Industrial Attachment	00	150	75	05

Diploma in Home Economics

Year 1 Semester I

Code	Course Name	LH	PH	CH	CU
NUDHE21101	Introduction to Home Economics	60	00	60	04
NUDHE21102	Foods and Nutrition	60	00	60	04
NUDHE21103	Physical Science	45	30	60	04
NUDHE21104	Health and Hygiene	45	30	60	04
NUDHE21105	Communication Skills	60	00	60	04

Semester II

Code	Course Name	LH	PH	CH	CU
NUDHE21201	Information Technology	45	30	60	04
NUDHE21202	Home Management	30	60	60	04
NUDHE21203	Fundamentals of Accounting	30	60	60	04
NUDHE21204	Introduction to Sociology	60	00	60	04
NUDHE21205	Food Preparation Principles I	60	00	60	04

Year 2 Semester I

Code	Course Name	LH	PH	CH	CU
NUDHE22101	Store Keeping	60	00	60	04

NUDHE22102	Food Preparation Principles II	60	00	60	04
NUDHE22103	Clothing, Fashions and Textiles	60	00	60	04
NUDHE22104	Backyard Farming	15	90	60	04
NUDHE22105	Food Production and Presentation	30	60	60	04

Semester II

Code	Course Name	LH	PH	CH	CU
NUDHE22106	Economics	60	00	60	04
NUDHE22107	Mother Craft	45	30	60	04
NUDHE22108	Family and Society	60	00	60	04
NUDHE22109	Small Business Management	60	00	60	04
NUDHE2220	Food Costing	50	20	60	04
NUDHE22301	Industrial Attachment	00	150	75	05