MAGNA SKILLS DEVELOPMENT INSTITUTE

Capacity Building • Professional Training • Organisational Development

Generated: 02-Nov-2026

Course Profile Document

Safety, Health and Environment (SHE)

Managing Biological Specimens

Prepared as a professional course profile for delegate review, sponsorship approval and organisational training planning.

COURSE CODE	DELIVERY	DURATION	PREPARED FOR
MSD2791	**Online / Face-to-Face**	**Flexible**	**Organisation Approval**

Register for this Course

View Online Course Page

Course Overview

Human body fluids and tissue potentially contain blood borne viruses and other agents. Work with blood samples or tissue from individuals therefore carries a risk of infection if the material is not handled with care.

The course is unique in that it explicitly links biodiversity studies with collection management. The curriculum covers aspects of global biodiversity including taxonomy, systematics and ecology, and it develops skills in management and project organisation. The key research infrastructure of the course is centred on learning about collections; the methods and administrative frameworks governing the acquisition, study and maintenance of biological and geological specimens.

Throughout the course, delegates develop a detailed knowledge on biodiversity and palaeontology, have the opportunity to specialise on certain taxonomical groups and learn how to obtain and reliably document data on biodiversity. A secondary focus of the course is on developing project management skills, promoting international cooperation and organizing research teams.

Course Outcomes

- This guideline contains information on the safe handling of human clinical specimens including blood and urine with an aim to prevent possible spread of infectious disease to laboratory users and the general community when conducting different laboratory operations.
- Every laboratory user has the responsibility to fully understand the safety guidelines when handling specimens and must ensure that all safety procedures are strictly followed for the entire operation.
- The laboratory supervisor has the responsibility to make sure that all laboratory personnel must complete all necessary training before commencement of any laboratory activity.
- Procedures have also been published to reduce contamination of cell cultures with microorganisms.

Course Outline / Curriculum

1. Regulation
2. Definitions
3. Exposure Determination
4. Universal Precaution
5. Epidemiology
6. Facilities and Practices
7. Engineering Controls
8. Work Practice Controls
9. Personal Protective Equipment
10. Housekeeping
11. Waste Disposal
12. HIV and HBV Research Laboratories
13. Hepatitis B Vaccination
14. Post-Exposure Procedures
15. Post-Exposure Evaluation and Follow-Up

Target Audience

This course is suitable for persons who are not themselves required to enter and work in confined spaces, but need to develop an awareness of the risks and safety implications, e.g. employers, managers, committee members, administrators, etc.

Key Course Benefits

Work-Ready Skills

Delegates leave with practical tools, templatesand methods they canapply immediately atwork.

Better Institutional Results

The programme supports stronger planning, reporting, compliance, accountability andservice delivery.

Sponsor-Friendly

This document isdesigned to helpsupervisors, HR units andsponsors approve delegate participation quickly.

ProfessionalRecognition

Delegates receivetraining documentationand a certificate ofcompletion aftersuccessful participation.

Our Training Centres & Delivery Options

Magna Skills offers flexible delivery through face-to-face training centres across Africa and beyond, plus Online / E-Learning for delegates who prefer remote participation.

Southern Africa

Practical training destinations with strong travel access and delegate support.

Pretoria, South Africa

Vic Falls, Zimbabwe

Livingstone, Zambia

East Africa

Popular regional centres for government, NGO and donor-funded project teams.

Kigali, Rwanda

Kampala, Uganda

Nairob

Zanzibar, Tanzania

West Africa & Islands

Strategic locations for regional networking and executive capacity building.

Accra, Ghana

Port Louis, Mauritius

International Executive Venue

Premium destination training for senior teams and international delegates.

Dubai, United Arab Emirates

Online / E-Learning

Attend from anywhere through live online, blended or self-paced learning options.

Online, E-Learning

Remote Teams

Flexib

Organisation-Based Training

Magna Skills can also arrange dedicated in-house training for ministries, NGOs and companies.

Onsite

Custom Dates

Group Training

Ready to Nominate Delegates?

Use the links below to register, review the live course page or contact Magna Skills for organisation-based training support.

Register / Apply Online

View Full Course Page

About Magna Skills

Magna Skills Development Institute provides practical capacity building programmes for government departments, NGOs, public institutions, donor-funded projects and private sector professionals across Africa. Our training approach combines expert facilitation, real workplace case studies, practical tools, post-training support and professional documentation that helps organisations strengthen staff performance and service delivery.

Government Training | NGO Capacity Building | Corporate Workshops | Online Learning | Face-to-Face Training | Certifica

Approval & Authorisation Form

This section may be completed by the organisation, department, HR office, finance office or sponsor approving delegate participation. It can be attached to an internal memo, procurement request or training approval submission.

Organisation / Department	
Delegate Name(s)	
Approved Course	Managing Biological Specimens
Preferred Delivery Mode	☐ Online ☐ Face-to-Face ☐ Organisation-Based Training
Preferred Training Venue / Date	
Estimated Number of Delegates	
Budget / Vote Number	
Contact Person	
Email / Mobile	

Authorised Name _____ Signature / Stamp _____ Date _____