



GOOD MANUFACTURING PRACTICE



science, technology
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Department:
Science, Technology and Innovation
REPUBLIC OF SOUTH AFRICA



CSIR
Touching lives through innovation

UWU **BIO**



SOUTHERN AFRICAN
BIOMANUFACTURING TRAINING HUB



Applications are open for the Good Manufacturing Practice course, a free skills development initiative from the CSIR-hosted Southern African Biomanufacturing Training Hub (SA-BTH), in partnership with UVU BIO, scheduled to commence on Monday, 23 November 2026. The course forms part of the Strengthening Biomanufacturing Capabilities in Southern Africa (BIOcapSA) programme, which is supported by KfW Development Bank.

The programme aims to support training and skills development in the biomanufacturing sector, with a focus on developing a skilled and competent workforce in Africa.

GOOD MANUFACTURING PRACTICE (B-BTH02_UVU)

The SA-BTH's goal in offering this course is to support the growth and development of the biomanufacturing sector across Africa through cutting-edge training delivered in partnership with local and international stakeholders.

The course is offered to unemployed and under-employed graduates, early-career professionals and final-year students in the life sciences, physical sciences or engineering fields who wish to build a career in the vaccine and biomanufacturing sector. A key aspect of this programme is to provide industry-relevant theoretical training through interactive online learning and skills development that will support the local manufacture of biologics, vaccines, recombinant proteins and therapeutics. This programme is aligned with several other initiatives focused on establishing vibrant biomanufacturing industries across Africa.

COURSE DESCRIPTION

The Good Manufacturing Practice (GMP) course provides early-career scientists and technicians with a practical introduction to the principles of GMP and explains why these principles are non-negotiable in regulated manufacturing environments, from hygiene, documentation and contamination control to quality control and the handling of deviations.

This course will be delivered through an online, facilitator-led model combining live virtual lectures, interactive workshops and practical case studies.



KEY AREAS OF DEVELOPMENT INCLUDE:

- GMP foundations and regulation
 - The purpose of GMP and the regulatory requirements that govern it
 - Compliance, safety and sustainable manufacturing
- People, premises and contamination control
 - Personnel responsibilities and hygiene
 - Facility design, cleanrooms and contamination prevention
- Materials, processes and documentation
 - Specifications, Standard Operating Procedures (SOPs) and batch records
 - Good documentation practice and Attributable, Legible, Contemporaneous, Original, and Accurate (ALCOA+) data integrity
- Quality control and validation
 - Sampling, testing and inspection
 - Calibration, qualification and validation
- Compliance and continuous improvement
 - Deviations, out-of-specification results, Corrective and Preventive Action (CAPA) and root-cause analysis
 - Audits, recalls and quality culture



COURSE DATES AND DURATION

DATES: 23 – 27 NOVEMBER 2026 (ONLINE)

DURATION: ONE WEEK (FIVE DAYS)

PLATFORM: MICROSOFT TEAMS

COURSE DELIVERY

The course is delivered through a fully online, facilitator-led format, which includes:

- Live virtual lectures led by industry and subject matter experts;
- Interactive workshops, case studies and practical exercises; and
- Guided self-study supported by course notes and learning resources.

Please note that a reliable internet connection is required to participate in the online sessions. A minimum download and upload speed of 5 – 10 Mbps is recommended.

WHO SHOULD ATTEND?

Preference will be given to the following candidates:

- Unemployed and under-employed graduates holding a National Diploma, BSc or BTech in the life sciences, physical sciences or engineering;
- Final-year tertiary students completing qualifications in these fields; and
- New or early-career employees in the biomanufacturing, pharmaceutical or related sectors seeking to strengthen their foundational skills.



APPLICATIONS are open to South African citizens. Foreign nationals holding a valid South African study permit may also apply. We particularly welcome applications from women and other candidates who are underrepresented in the biomanufacturing and life sciences sectors. Participation is limited to candidates with a minimum qualification at NQF Level 6. A National Diploma, BSc or BTech (NQF 6 – 7) in a life science, physical science or engineering field is preferred and final-year students may also apply. Applicants should be between 18 and 35 years of age.

For enquiries, please email
recruitment@uvubio.com

IMPORTANT DATES

- Application deadline:
8 November 2026
- Successful candidates will be notified by:
13 November 2026

Applications should be submitted by completing the application form available [here](#).

