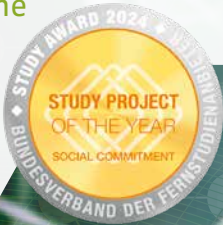


Unlock your Biotech potential
with the BioMex' Certificate
Programme



*Enroll Today - Be a Pioneer
in Shaping the Future of
Biotechnology in Rwanda.*



Background Info:

The BioMex Certificate Programme

BioMex is an academic advanced training programme for biomedical expertise in Rwanda - it is supported by the Special Initiative "Decent Work for a Just Transition" of the German Federal Ministry for Economic Cooperation and Development (BMZ) and implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.

The programme is being offered through Centre for Distance Learning (zfh) in collaboration with the University of Rwanda, University of Applied Sciences Koblenz, University of Parma and the Institute of Applied Sciences Ruhengeri (INES Ruhengeri). Our project is dedicated to providing participants with specialized training through an all-encompassing certificate programme. We strive to prepare participants professionally for the dynamic biotechnology sector.

At the heart of BioMex lies a collaborative effort that brings together educational institutions from three countries. Together, they shape impactful career pathways in Rwanda, contributing to the growth and development of the biotech sector. Launched with promise and dedication in December 2023, BioMex stands as a beacon for those seeking not just education but a transformative experience.

Biotechnology - A Dynamic and Stimulating Career Choice

This visionary initiative doesn't just stop at enhancing skills; it is committed to fostering profound cultural exchange between Rwandan and German institutions. The content delivered isn't just informative; it is a gateway to diverse career opportunities, enabling individuals to carve unique paths in the biotechnology industry.

Opting for a career in biotechnology means delving into a realm where you'll actively engage with biological organisms, crafting applications in medicine, healthcare, industrial production, and agriculture. This dynamic field isn't merely a sector; it's a gateway to innovation and progress. Acknowledged as one of the fastest-growing branches of science globally, biotechnology holds immense economic and socio-political potential.

Advancing Biotechnology in Rwanda: It's potential und future trajectories

Biotechnology is rapidly advancing in Rwanda, playing a crucial role in the country's development. It encompasses the use of living organisms to enhance agriculture, healthcare, and environmental sustainability. In Rwanda, biotechnology research focuses on improving crop yields, developing medical treatments, and addressing environmental challenges.

A key area of research involves creating genetically modified crops resistant to pests and diseases, enhancing food security and benefiting farmers. In healthcare, the emphasis is on developing treatments for diseases like malaria, HIV/AIDS, and tuberculosis, along with affordable vaccines and diagnostic tools. Rwanda also invests in biotechnology to tackle environmental issues such as soil degradation and water pollution, seeking sustainable solutions.

Rwanda aspires to be a regional hub for biotechnology research and innovation, fostering partnerships with international organizations and universities. The government is dedicated to building capacity and creating an environment conducive to research and development. Our Biomex Initiative aligns with this vision, offering a certificate programme to equip you for the dynamic field of biotechnology in Rwanda. Join BioMex and step into the future of this exciting industry!



Embark on your BioMex Journey: The Certificate

Discover the transformative experience of our blended-learning programme, offered both in Rwanda and online. This innovative certificate programme presents three distinct study modes, featuring various competence clusters that can be customized based on your preferences.

Biotechnology and Biomedicine: Covering key areas such as Molecular Biology, Immunology, Medicine, Genetics, and Bioengineering, this cluster goes beyond theory, fostering practical skills essential for careers in Biomedicine and Biotechnology.

Pharmaceutical Chemistry and Pharmaceutical Technology: This cluster delivers targeted training in critical areas like Drug Development, Regulatory Compliance, Good Manufacturing Practice (GMP) and Quality Assurance. With modules covering Clinical Trials and Epidemiological Statistics, participants gain comprehensive expertise for regulated environments, particularly in the pharmaceutical industry.

Innovation Management and Intercultural Cooperation: This cluster focus on developing skills in cross-cultural exchange, Entrepreneurship, and Innovation. Through a blend of theoretical concepts, practical exercises, and collaborative projects, participants gain the knowledge and tools necessary for developing innovative solutions, fostering entrepreneurship, and effective communication in multicultural contexts.

Facility, Energy and Environmental Management: This competency cluster focuses on efficient facility management and sustainable resource usage, emphasizing technical maintenance, lifecycle management, and energy conservation, all tailored for sustainable solutions in the pharmaceutical sector.

Flexible Certification Levels: Your Path, Your Choice

- › Microdegree: From 3 ECTS
- › Certificate of Advanced Studies: From 10 ECTS
- › Diploma of Advanced Studies: From 30 ECTS



How to study

Our educational concept

Embark on your learning journey with our innovative educational approach. Our certificate program operates in a blended learning format, offering the flexibility and autonomy to study at your own pace. Utilizing the Olat Learning Management System, you'll navigate through diverse course content, accessing materials from the comfort of your chosen environment. With content readily available online, you can engage with learning materials whenever and wherever suits you best.

What sets our blended learning concept apart is its dynamic combination of online and in-person components. While self-paced study forms the foundation, you'll also benefit from hands-on experiences in our state-of-the-art laboratories and face-to-face lectures with our experienced in-ence, seamlessly integrating virtual and real-world learning environments.

How to apply

Ready to embark on an exciting venture into the world of biotechnology?

We invite students of all ages and genders to seize the opportunity and apply for the BioMex Certificate Programme. Take the first step towards enriching your career and contributing to the future of Rwanda.

Don't miss out on this chance to shape your future and make a meaningful impact!

You can apply for this programme on our registration pages under following address: www.zfh.de/biomex-registration

Admission requirements:

- › university degree
- › Proficiency in English at B2 Level (An English Test will be taken during the application process)
- › Letter of motivation
- › Letter of References

Application process:

- › Online via Application Portals



Additional Benefits:

Our personalized Students Counselling

Navigating the enriching yet challenging path of education often comes with various life situations and responsibilities. Our counseling services are here to assist you in maintaining a healthy balance between your studies and personal life. We understand the unique challenges faced by female students, especially those juggling the dual responsibilities of raising children and pursuing education.

Why Reach Out to us?

- › Explore potential financial support and scholarship opportunities
- › Gain insights through career counseling sessions
- › Navigate the unique challenges faced by female students, including those studying with children
- › Receive guidance on optimizing your application portfolio after graduation
- › Booster efficient learning techniques
- › Master the art of time management
- › Address challenging situations in your private life, be it relationships, family, or friendships
- › Access support for studying with (chronic) diseases or special mental and physical needs
- › Seek assistance for any concerns or worries life may bring

Our counseling services are free and confidential, catering to both women and men. Explore further through our diverse workshops on learning strategies, stress reduction, self-management, and more.

To book a session, reach out via email or opt for a phone or Zoom appointment. Contact us at: coaching-biomex@zfh.de

Empower yourself on your academic journey – our counseling services are here to support and guide you. Your success is our priority!



Step into Our Vibrant Community:

Engage with BioMex Across Social Channels

Stay Connected with BioMex!

Join our vibrant community on social media to stay informed and engaged with all the latest updates, events and programme enhancements. Be the first to know about new modules, upcoming webinars, and exciting opportunities.

By following and sharing our updates, you contribute to spreading knowledge and shaping the future of biotechnology in Rwanda. Let's build this journey together – follow, share, and stay engaged with BioMex!

#BioMexJourney #BiotechnologyinRwanda #ThriveYourCareer



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Unlock Your Biotechnological Journey!



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