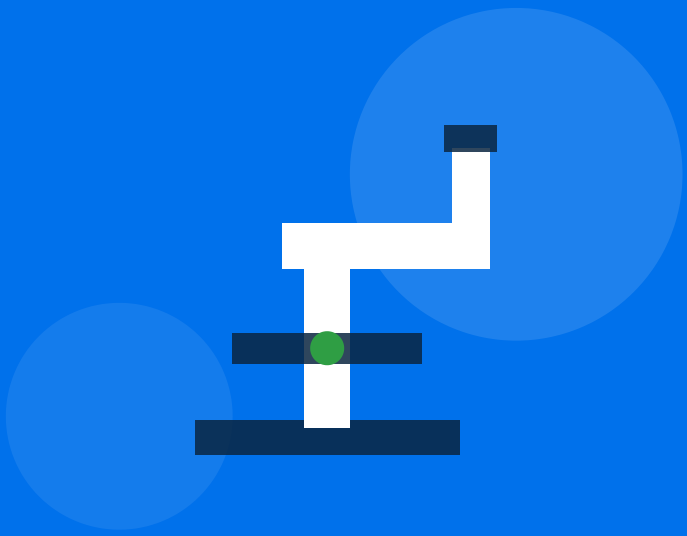
Vocational training in Germany (Ausbildung)

Biology laboratory technician (Biologielaborant/in)

Biologielaborant / Biologielaborantin

You analyse cells, micro-organisms and samples in a laboratory: a 3.5-year training, paid from the first year, alternating between the employer and vocational school.



LEVEL	DURATION	GERMAN	PAY DURING TRAINING
Baccalaureate	**3.5 years**	**B2**	**€1,202 to €1,407**
required	42 months	required level	gross / month, during the training

We are by your side from day one until you arrive in Germany.

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+49 (0) 7033 694 18 80

CAMEROON
+237 622 20 81 64

www.campus-allemagne.org

Douala office : Rond-point Maetur Bonamoussadi – Nice Cream building (4th floor), opposite the COGENI hardware store, Douala, Cameroon

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THE OCCUPATION IN 30 SECONDS

What a biology laboratory technician does

They study animals, plants, micro-organisms and cell cultures, carry out biochemical tests and record the results with laboratory information systems.

Analyse

Study cells, tissues and micro-organisms, including under the electron microscope, and run biochemical tests.

Culture and test

Isolate and grow cells, then test the effect and the side effects of medicines on organisms.

Document

Plan tests with laboratory software, record and evaluate the results while following legal rules.

This occupation is for you if...

- ✓ you enjoy science, especially biology, chemistry and mathematics
- ✓ you work patiently and precisely, even on long series of tests
- ✓ you accept strict safety rules and animal protection rules
- ✓ you are comfortable using a computer to record and evaluate data

Less suitable if...

- – you do not want to work with laboratory animals
- – you struggle with chemicals or disinfectant fumes
- – you are looking for an outdoor or very physical job

A TYPICAL DAY IN THE WORKSHOP

08:00 **Instructions and planning** : The supervisor presents the day's tests; you plan the steps in the laboratory system.

09:00 **Preparing culture media** : Prepare culture media and samples, wearing a lab coat, gloves and safety glasses.

10:30 **Monitoring cell cultures** : Watch how the cell cultures develop and check their appearance under the microscope.

13:00 **Analyses and measurements** : Take measurements with the laboratory instruments and note every value with care.

14:30 **Evaluating results** : Enter and evaluate data on the computer, allowing for biological variability.

16:00 **Cleaning and safety** : Clean the instruments, put products away and follow safety and environmental rules.

Microbiology | Cell culture | Molecular biology | Biochemistry | Microscopy | Data evaluation

Safety rules | Precision | Patience | Sense of responsibility | Analytical mind | Organisation

THE TRAINING

How the Ausbildung works

In Germany you learn by working: this is the “dual system”. You are an employee of a company and a student at a vocational school (Berufsschule) at the same time.

3 to 4 days a week at the company | **1–2 days school**

Year 1

Laboratory basics

- Safety, substances, instruments
- Sampling and measuring methods
- Documentation and data

Year 2

Applied biology

- Microbiology, cell cultures
- Diagnostics and pharmacology
- Final exam, part 1

Year 3

Specialisation

- Molecular biology, biochemistry
- Options chosen by the employer
- Quality control in the field

Year 4 (6 months)

Final exam

- Chosen options: 6 in total
- Independent laboratory work
- Final exam, part 2

Exams and qualification

The final exam (Abschlussprüfung) has 2 parts held at different times. Part 1 (35% of the mark) takes place before the end of the second year. Part 2 (65%) takes place at the end, with laboratory work and written papers. You obtain the Abschlusszeugnis (final certificate) of the Chamber of Commerce and Industry (IHK).

YOU ARE PAID DURING THE TRAINING

What you need to apply

- ✓ Baccalaureate level is required.
- ✓ The required level is B2. Good technical vocabulary for the trade is a real plus.
- ✓ The job requires manual precision, good near vision and skin and airways that tolerate chemicals and disinfectants.

Documents to prepare

- ✓ CV and cover letter in German
- ✓ Translated baccalaureate diplomas and transcripts
- ✓ German B2 level certificate

AFTER THE TRAINING

Where it can lead

STRAIGHT AWAY

Skilled lab technician

Jobs in research, pharmaceuticals, chemicals, food, cosmetics or hospitals.

WITH EXPERIENCE

Technician or master

Train as a technician (Techniker) in biotechnology or chemistry, or as an Industriemeister (industrial master) in chemistry.

LONGER TERM

University studies

If university entry is met, study for example biology, life sciences or biomedicine.

YOUR PATHWAY WITH CAMPUS GERMANY

We are by your side from day one until you arrive in Germany

1

CHECK MY ELIGIBILITY

Take the test online or at the office

The eligibility test is done online on our website, or by visiting our Douala office directly.

2

TALK TO AN ADVISOR

Talk to our team

Germany: **+49 (0) 7033 694 18 80**
Cameroon: **+237 622 20 81 64**

3

PREPARE YOUR GERMAN

DZK, our language centre

Deutschzentrum KAGEDEV (DZK) is our own language centre in Douala. Outside Douala: partner language centres, call us to find the nearest one.

4

GET THE CONTRACT

AZUFA is always us

AZUFA is our platform: it connects you with German companies that recruit apprentices and follows your application through to the training contract.

Douala office

Rond-point Maetur Bonamoussadi – Nice Cream building (4th floor), opposite the COGENI hardware store, Douala, Cameroon

From German A1 to the first day of training in Germany

Each step is run by one of our structures. You keep the same contact from start to finish.

1 — **Check my eligibility**
The test is done online on our website or at our Douala office.
RUN BY CAMPUS GERMANY

2 — **Talk to an advisor**
Review your profile, your wishes and the chosen occupation.
RUN BY CAMPUS GERMANY

3 — **Learn German, from A1 to B2**
Courses adapted to your starting level, up to the required B2 level. In Douala at our own language centre; elsewhere, with our partner centres.
RUN BY DZK

4 — **Prepare the application file**
CV and cover letter in German, translated baccalaureate diplomas and transcripts, B2 level certificate.
RUN BY CAMPUS GERMANY

5 — **Find the company and sign the training contract**
We connect you with German companies that recruit apprentices, and follow your application through to the contract.
RUN BY AZUFA

6 — **Prepare the visa and paperwork**
Support to gather the documents and complete the administrative steps.
RUN BY CAMPUS GERMANY

7 — **Prepare your departure and settling in**
Travel, housing and first steps in Germany: we prepare you before you leave.
RUN BY KAGEDEV E.V.

8 — **First day of training in Germany**
You arrive prepared and supported, with a team that has known you since day one.
RUN BY AZUFA

Contact us

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