

Biology lab assistant

that's what it's all about



Fundamentals

Training to become a biology lab technician is your chance to immerse yourself in the exciting world of natural sciences. Work with state-of-the-art technology, discover the secrets of life and gain insights into medicine, the environment and research. Your work will be varied: planning, conducting and evaluating experiments. If you are curious, enjoy working in a team and love nature, this is the start of your future-proof career in the life sciences – perfect for getting started in a wide range of fields later on.

Contents include

- Sampling and sample preparation
- Microbiological work and microscopy: e.g. isolating and identifying microorganisms, applying inoculation and culture techniques
- Cell culture work, i.e. how to cultivate plant and animal cells for long-term experiments
- Molecular biology and genetic engineering work: e.g. isolating DNA and detecting it electrophoretically or performing polymerase chain reactions (PCR)
- Biochemical work: e.g. gel electrophoresis and chromatography
- Animal experimentation: e.g. applications, preparations and keeping of laboratory animals in accordance with the Animal Welfare Act (TierSchG)
- Care of plants in the field, in greenhouses and in sterile culture.

Training locations: Braunschweig, Berlin, Dossenheim, Dresden, Groß Lüsewitz, Quedlingburg

Start of training: 1 August or. 1 September (Groß Lüsewitz) | **Duration:** 3,5 years

Salary: Year 1 (1.368, 26 €) Year 2 (1.418,20 €) Year 3 (1.464,02 €) Year 4 (1.527,59 €)