

The **Department of Natural Sciences** offers Bachelor degree courses in the fields of Applied Biology, Chemistry with Material Sciences as well as Forensic Sciences and Master degree courses in Biomedical Sciences, Analytical Chemistry and Quality Assurance, Materials Science and Sustainability Methods. It is integrated into the local and national research community with numerous projects being funded by the EU, the state and the industry. Its high standards in teaching and research aim at giving our students an optimal chance on the future job market. Therefore, not only technical skills but also professional and personal competences like capacity for teamwork and language skills are taught. Education and training are particularly practice-oriented through cooperation with manufacturing companies and research institutions and a large amount of laboratory work.

### Course overview winter term 2024/2025\*:

Rheinbach	Level	Credits
<b>BSc Forensic Sciences</b>		
Forensic Biology	Bachelor	7
Fundamentals of Organic Chemistry and Biochemistry	Bachelor	7
Measuring Techniques and Statistics	Bachelor	7
Forensic Analysis	Bachelor	7
Elective Courses	Bachelor	3 each

Rheinbach	Level	Credits
<b>MSc Material Sciences and Sustainability</b>		
Conventional Processing Techniques	Master	5
Solid State Analytics	Master	6
Composites/Hybrid Structures	Master	5
Polymer Analytics	Master	5
Master Project	Master	6
WPF (Elective)	Master	3

Rheinbach	Level	Credits
<b>BSc Applied Biology</b>		
Microbes & Molecules		
Medical Microbiology	Bachelor	6
Structural Biology	Bachelor	7
Genetic Engineering	Bachelor	7
Elective Courses	Bachelor	6
Languages	Bachelor	3
Human Biology		
Cell Biology	Bachelor	7
Physiology	Bachelor	7
Developmental Biology	Bachelor	7
Electives	Bachelor	9
Languages	Bachelor	3

Rheinbach	Level	Credits
<b>M.Sc. Biomedical Sciences</b>		
<a href="https://www.h-brs.de/de/anna/module-msc-biomedical-sciences-curriculum-einschreibung-ab-ws2021_22">https://www.h-brs.de/de/anna/module-msc-biomedical-sciences-curriculum-einschreibung-ab-ws2021_22</a>		

\*Subject to change

For further information, please have a look at: <https://www.h-brs.de/en/anna>