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 2026/2027*:

Rheinbach	Level	Credits
BSc Forensic Sciences		
Forensic Biology	Bachelor	7
Organic Chemistry	Bachelor	6
Biochemistry and Molecular Biological Methods	Bachelor	7
Elective Courses	Bachelor	3 each

Rheinbach	Level	Credits
MSc Material Sciences and Sustainability		
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
BSc Applied Biology		
Medical Microbiology	Bachelor	6
Structural Biology	Bachelor	7
Genetic Engineering	Bachelor	7
Measuring Techniques	Bachelor	7
Cell Biology	Bachelor	7
Physiology	Bachelor	7
Developmental Biology	Bachelor	7
Elective Courses	Bachelor	3 each
Languages	Bachelor	3

Rheinbach	Level	Credits
M.Sc. Biomedical Sciences		
Clinical Chemistry	Master	8
Monitoring of Clinical Trials	Master	8
Pathophysiology	Master	8
Human Genetics	Master	8
Applied and Clinical Immunology	Master	8

*Subject to change

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