

## 4 Master Thesis

## 3 Project work II Project work I Extended Qualifications

## 2 Microbiology II - Biomolecular Interactions Microbiology I - Fungal Molecular Physiology

## 1 Biochemistry 3 Bioanalytics Molecular Biotechnology

## MODULES PER TERM

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WHICH ROLE DO  
NATURAL COMPOUNDS  
PLAY IN DRUG  
RESEARCH AND  
AGRICULTURE?

WHAT IS THE USE OF ENZYMES  
AND HOW ARE THEY DESIGNED FOR  
INDUSTRIAL APPLICATIONS?

HOW ARE MICROORGANISMS MANIPULATED  
FOR LARGE SCALE PRODUCTION OF  
DRUGS AND ENZYMES?

# MASTER

## Molecular Biotechnology

JOHANNES GUTENBERG  
UNIVERSITÄT MAINZ



**TARGET GROUP** | You obtained a Bachelor's degree and have interest to broaden and specialize your knowledge in Molecular Biotechnology? You wish to tackle societal, health or nutritional challenges in your future career? Then, this Master's degree program is exactly what you are looking for!

**CAREER** | With your Master's degree you will be qualified for higher positions in biotechnological companies, pharmaceutical or chemical industry. Through a doctoral thesis following your Master's degree you increase your chances for a career in a leading position in industry or academia. Are you curious?

**ADMISSION REQUIREMENTS** | Prerequisite for enrollment to the program is a Bachelor's degree in Biology, Biochemistry or Biotechnology (or comparable) with at least a grade good (2.5) and admission is subject to restriction. English language skills at least at level B2 are required and no German language skills are needed.

**STUDY PLAN** | The length of the degree program is 2 years (4 terms) and includes a broad education in practical courses besides lectures and seminars. Moreover, internships at national and international partner labs or companies are possible and highly encouraged before you complete the program with your Master's thesis in a biotechnological topic of your interest. An overview of all modules is presented on the left.

<https://www.blogs.uni-mainz.de/fb10-biologie-eng/molecular-biotechnology>

### CONTACT & E-MAIL

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**Starts only in winter term!**

SCAN ME

