



CiBreed
Center for Integrated Breeding Research



GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN

Why iPAB?

Animal and plant breeding are driving the development of new livestock and crop varieties that can cope with the challenges of the changing environment and consumers demand. Breeding research integrates areas such as quantitative and molecular genetics, biotechnology, and breeding informatics. It has close links to neighboring fields like animal and plant nutrition, animal health and crop protection, but also marketing, economics and ethics. Highly specialized experts in this field are required worldwide and have excellent career opportunities in both academia and industry.

The international Master Programme »Integrated Plant and Animal Breeding«


- provides a profoundly interdisciplinary approach to breeding research by bridging the gap between animal and plant breeding,
- covers all relevant disciplines of breeding research,
- is supplemented by external lecturers from leading international breeding companies, research institutions, and national authorities.

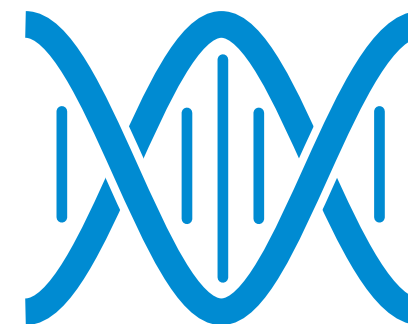


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Information

www.uni-goettingen.de/en/533390.html
 www.facebook.com/IPAB-1359627337409838/



Master of Science

Integrated Plant and Animal Breeding (iPAB)



Integrated Plant and Animal Breeding

Start of study program:

Winter semester, mid October

Application deadline:

EU citizens 1st of June

Non EU citizens 15th of February

Admission requirements:

BSc in agriculture, biology or related disciplines;
proof of proficiency in English (TOEFL or equivalent)

Number of students: 20 per year

Duration: 4 semesters, 2 years

Language: English

Total credit points required: 120 ECTS

Fees: No tuition fees;
administration fee of approx. 340€ per semester

Study Programme

Compulsory modules:

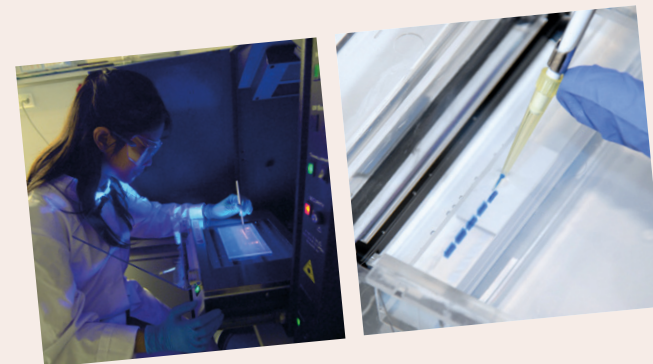
- Quantitative genetics and population genetics
- Breeding schemes and programs in plant and animal breeding
- Statistical genetics, breeding informatics and experimental design
- Biotechnology and molecular genetics in plant and animal breeding
- Selection theory, design and optimization of breeding programs

Internship (6 weeks):

Research-intensive internship in the industry or public research institutes

Elective modules:

- Breeding Informatics
 - Legal issues in plant and animal breeding
 - Poultry breeding and genetics
 - Biotechnology and forest genetics
 - Genetic resources
 - Seed Marketing
- ... and further interesting modules...



Career Perspectives

iPAB prepares you for an international career in the breeding sector:

- Plant breeding companies
- Animal breeding companies
- Breeding associations
- Public and private research centers
- Governmental agencies
- International organizations

