Agrobiotechnology

an interdisciplinary program

[www.agrobiotechnology.de]

- Plant Biotechnology
- Nutritional Sciences
- Applied Microbiology and Genetic Technology
- Risk Assessment and Biotech Management

Faculty 09
Agricultural Sciences, Nutritional Sciences and Environmental Management
Agrobiotechnology - an interdisciplinary program

The Justus-Liebig-Universität in Giessen is the first German university to offer the newly designed International Agrobiotechnology Degree Program. Students from across the globe can experience a combination of profession-oriented training and scientific research in the fields of agriculture and nutrition. Students will receive the most recent information from a theoretical and practical perspective enabling graduates to succeed on the global market. The course is taught in English.

The two-year Degree Program has a modular structure, and its hallmark is its focus on creating a practice-oriented foundation of knowledge in modern life sciences. By expanding and developing their knowledge of biotechnology, students will also be capable to assess the social and economic consequences of implementing technological tools. This is why the core modules of the program also include a risk assessment module and an industrial internship.

Master of Agrobiotechnology - a degree that opens doors to the future

There is a persisting worldwide demand for qualified candidates to meet the new challenges in science, technology and social policy, and for people who have the well-founded knowledge to implement technological developments responsibly and to move society forward. The new International Degree Program in Agrobiotechnology was designed to meet the new needs in life science research. The modularisation of the Program makes it possible for students to finish quickly while structuring their studies as efficiently and flexibly as possible. Using the European Credit Transfer System (ECTS), students’ achievements and coursework in the field of agrobiotechnology can be transferred to domestic and international universities. Due to its compatibility with other international degrees, the Master of Agrobiotechnology paves the path for an excellent career abroad.
Specialization

The Degree Program consists of the following specialist modules:

- Plant Biotechnology and Crop Protection
- Microbial Food Biotechnology
- Molecular Plant Pathology
- Biotechnology and Genomics
- Molecular Entomology
- Biochemistry
- Biostatistics and Bioinformatics
- Risk Assessment, Ethics and Patent Law
- Industrial Internship of at least eight weeks duration

Students can also select "profile modules" in the following areas to place emphasis on the theoretical and practical areas of their choice: microbiological diagnostics; nutritional analysis of food; molecular breeding; physiology and molecular biology of plant nutrition; medicinal plants; viticulture and oenology; agricultural production and agribusiness.

Industrial internship

The industrial internship gives students the opportunity to come into direct contact with potential employers and to become acquainted with the laboratories of internationally active biotechnology corporations. This facilitates the first steps towards a successful professional career in areas such as the chemical industry, agriculture, the food industry as well as government, legislation and multinational organizations.

Structure of the Master Program

1st Sem.

2nd Sem.

3rd Sem.

4th Sem.

- Specialist module
- Profile module
- Industrial internship
- Master thesis
Studying in Giessen

Competent mentors can support you in all questions which could arise during your stay at the JLU Giessen. Please contact us when you need help or if you have problems in understanding something. Below we offer you important information for the time before and after your arrival at the JLU Giessen.

Before entering Germany

- Apply for your Degree Programm and wait for the admission of the University of Giessen
- Apply for Visa (residence permit)
  In order to study in Germany, you need a valid visa for purpose of studies ("Studienzwecke") or for a prospective student ("Studienbewerber"). You have to present the following documents at the German embassy in your home country in order to get the visa:
  Confirmation of application ("Bewerberbescheinigung") or letter of admission ("Zulassung"), and proof of sufficient financial resources for your stay.

For further information about a visa for the duration of your studies and a residence permit for the Federal Republic of Germany please see:

www.uni-giessen.de/auslandsamt/englisch/studiereningiessen/visum.shtml
Required documents in Germany

You need the following documents:

- a passport or equivalent identity document valid for the whole duration of your stay in Germany;
- a visa;
- confirmation of admission from the University of Giessen;
- birth certificate, marriage certificate, if applicable, with German translation if possible;
- officially-certified copies of your Bachelor's degree, with German or English translations if possible;
- if appropriate, confirmation from your health insurance that you are also covered in Germany.

After arrival in Germany, we recommend to register in the German Student's health insurance.

In Giessen

Bank account

We advise you to open a bank account. Normally students are exempted from transaction fees. You need your passport and your student card or letter of admission to open a current account.

Many banks now provide online banking via the internet. The fees differ according to the diverse offers (e.g. online banking, credit card at no charge, etc.). You should seek personal advice on this.

Health insurance

All students in Germany are obliged to have health insurance. Before you can matriculate at the university, you have to provide proof of your health insurance. Without the proof of the insurance cover, no residence permit will be given.

You can find further information about the insurance obligation in the internet under the following addresses:

- Techniker Krankenkasse (TK) (www.tk-lokal.de/giessen/index.htm), there is one office at the Philosophikum I, inside the building of the Mensa (refectory)
- Barmer Ersatzkasse (BEK) (www.barmer.de),
- Deutsche Angestellten Krankenkasse (DAK) (www.dak.de),
- Allgemeine Ortskrankenkasse Hessen (AOK) (www.aok.de/hes/index.htm).
Organigram for Agrobiotechnology students

This organigram lists some information about the things you have to organize if you want to study Agrobiotechnology in Giessen. But please note: This list does not include all necessary things concerning your application to the university, applications for financial support as well as visa application procedures. The list only includes things you have to do when you have received your notification of admission (Zulassungsbescheid), and we cannot guarantee the list is exhaustive!

Before travelling to Giessen

Studentenwerk
Philosophikum I
Otto-Behagel-Str. 23-27
35394 Giessen

Office hours:
Mo - Th 9:00 - 15:00
Fr 9:00 - 14:30

http://w2kserv3.uni-giessen.de/studentenwerk/wohnen/haupt.htm

Please inform the contact person of Agrobiotechnology (claus.mueckschel@agrar.uni-giessen.de) if you need a room in one of the residence halls, as there should be some reservations for Agrobiotechnology.

In addition to the monthly rent, a deposit (200 EUR) and a service charge (100 EUR) have to be paid when you move in!

Studentenwerk contact person:
Frau Andrea Römer
Tel.: (+49) 641/40008-302
Email: Andrea.Roemer@studwerk.uni-giessen.de

After arriving in Giessen

Studentenwerk
Philosophikum I
Otto-Behagel-Str. 23-27
35394 Giessen

Office hours:
Mo - Th 9:00 - 15:00
Fr 9:00 - 14:30

You will need a bank account to pay your monthly rent and the health insurance fee, as well as other things.

Your local bank

Pay semester fee by bank transfer. It will take about 8 days until it is registered at the university, so do this well before your enrolment.

Check the correct amount in the internet, see below, and also pay the extra 5 EUR for using the internet!

www.uni-giessen.de/uni/verwaltung/dezb/B6/studentesekretariat.html#Erst-Einschreibung
### Health insurance

You need proof of your health insurance to matriculate and to get your residence permit.

If you have already organized this from your home country, you can skip this.

<table>
<thead>
<tr>
<th>International Student's office</th>
<th>enrol to university</th>
<th>necessary:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Akademisches Auslandsamt</td>
<td>The address is going to change during the next months.</td>
<td>proof of health insurance (you might have needed it already for the visa)</td>
</tr>
<tr>
<td>Herr J. Erdmann</td>
<td>The office hours are quite short.</td>
<td>passport photograph</td>
</tr>
<tr>
<td>Gutenbergstr. 6</td>
<td></td>
<td>receipt that you have paid the semester fee</td>
</tr>
<tr>
<td>35390 Giessen</td>
<td></td>
<td>notification of admission</td>
</tr>
<tr>
<td>Tel.: (+49) 641/99-12165</td>
<td></td>
<td>original certificates, and notarized + translated copies</td>
</tr>
<tr>
<td>New address:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bismarckstr. 16</td>
<td></td>
<td></td>
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</tbody>
</table>

### Health insurance

Hand in your confirmation about student status!

They will need this proof every semester.

<table>
<thead>
<tr>
<th>Hochschulrechenzentrum (HRZ)</th>
<th>Get user account and password to get access to use the internet via the university.</th>
<th>necessary:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naturwissenschaften Heinrich-Buff-Ring</td>
<td>As many lecturers present necessary materials in the internet, it is important to use it!</td>
<td>confirmation about student status</td>
</tr>
<tr>
<td>35392 Giessen</td>
<td></td>
<td>receipt that you have paid the extra internet fee together with the semester fee</td>
</tr>
<tr>
<td><a href="http://www.uni-giessen.de/hrz/">www.uni-giessen.de/hrz/</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### During your first weeks in Giessen

- **Stadtbüro Giessen**
  - Bismarckstraße 5
  - 35390 Giessen
  - Tel.: (+49) 641/306-1234
  - E-mail: stadtbuero@giessen.de
  - Office hours:
    - Mo - Th 8:00 - 18:00
    - Fr 8:00 - 12:00
    - Sa 10:00 - 13:00

- **Register in the city of Giessen**
  - When you register in Giessen, you will get partial payback of the semester fee (approx. 65 EUR). You will have to fill in a form (you only get it if you register) and hand in a confirmation of student status.

- **Ausländerbehörde**
  - Amt für öffentliche Ordnung
  - Ludwigsplatz 13
  - 35390 Giessen
  - Tel.: (+49) 641/306-1321

- **extend your visa**
  - Office hours:
    - Mo and We 8:00 - 12:00
    - Th 14:00 - 17:00
Enrolment

You will need the following documents:

- letter of admission;
- passport;
- if you have already studied at a German university: record of study (“Studienbuch”) with proof of exmatriculation from your former German university;
- school-leaving diploma (original);
- proof of health insurance.

Studying in Giessen

Office for International Student advising
Support, information and advice you will find in the office for international student advising. Please contact:

Petra Schulze, Deputy Director, International Students Advisor  
E-mail: Petra.Schulze@zil.uni-giessen.de  
Tel.: (+49) 641/99-12143

The introductory week during your enrolment, excursion programs etc. are organized there (www.uni-giessen.de/ studium-international)

Employment during your studies

Students from EU countries do not need a work permit. On the other hand, students from non-EU cannot apply for a work permit. There is a stamp in their passports that entitles such students to work for a maximum of 90 days (alternative 180 days part-time) per calendar year. The students can work during vacation or during the lecture period. No work permit is necessary.

Residents' Registration Office

You are required to register your new residence within a week. Registration regulations in Germany require not only that you register your new place of residence but also notice of departure from your previous address. This is important when you have to change addresses and at the end of your stay. In Giessen you have to do this at:

Stadtbüro  
Bismarckstrasse 5  
Tel.: (+49) 641/306-1234

Office hours: Monday and Thursday from 8.00 to 18.00,  
Friday from 8.00 to 12.00, Saturday from 10.00 to 13.00
Residence permit

To apply for a residence permit or to extend it, you have to go to the municipal authorities in Giessen:

Ausländerbehörde
Ludwigsplatz 13, 1. Stock (on the first floor)
Tel.: (+49) 641 / 306-0

Office hours:
Monday and Wednesday from 8.00 to 12.00,
Thursday from 14.00 to 17.00 and by arrangement

Required documents:
• application form
• valid passport (with a visa if appropriate)
• 1 picture (passport size)
• proof of health insurance
• confirmation from the university or certificate of student status
• proof of sufficient financial resources

Tuition fees
Beside the high variety of offered modules and the excellent study environment, the Agrobiotechnology Master Program has one additional advantage: there are no tuition fees for international students! German students only have to pay tuition fees if they have completed a Diploma or Master certificate in another study course. With a Bachelor certificate (as required for the admission), they are also exempted from paying these tuition fees.
Living in Giessen

In addition to all the notice boards in the cafeterias and virtually all university buildings, the student service ("Studentenwerk") (www.uni-giessen.de/studentenwerk) is the place to go. The student services offers economical rooms in several dormitories, with your admission certification you can apply for a room. The rooms cost 300 EUR on average (for a small flat on your own) per month depending on type and size of the accommodation. Everybody interested in living in a student hall should ask the student's services accommodation department.

Address:
Otto-Behaghel-Straße 23 (at the Neue Mensa),
35394 Giessen
Office hours: Mo - Th 9.00 - 15.00,
Fr 9.00 - 14.30
Tel.: (+49) 641/40008-302/303/304/305
http://w2kserv3.uni-giessen.de/studentenwerk/index.html

Please also visit the website of the WoTuPro. In each hall of residence, a few students are responsible for the other students and organize a lot of social activities (www.wotupro.de/).

- Housing markets in the internet:
  WG-Gesucht (www.wg-gesucht.de)
  Studenten-WG (www.studenten-wg.de)
  WG-Welt (www.wg-welt.de)
  Studentenbude (www.studentenbude.org)
  Mitwohnzentrale (www.mitwohnzentrale.de)

- Local newspapers in the internet:
  “Gießener Allgemeine”
  (www.giessener-allgemeine.de/anzeigen/pap/726.htm)
  “Gießener Anzeiger”
  (www.anzeiger.net/kleinanzeigen/)
  „Express“/ Rubrik Kleinanzeigen
  (www.marbuch-verlag.de)
  “Mittelhessische Anzeigen-Zeitung” (MAZ)
  (www.maz-verlag.de/kleinanzeigen/index.htm)
Language classes
The international office of the University of Giessen offers various German classes for foreign students.

Further information:
www.uni-giessen.de/auslandsamt/deutsch/daf/index.shtml

Bus & Rail Semester ticket
The semester fee includes the price for the semester ticket. Students do not need to buy a ticket but can use city busses as well as all public transportation belonging to the Rhine-Main transport system (“Rhein-Main-Verkehrssverband” - RMV). This applies also to trains of the “Deutsche Bahn” which pass through the RMV area (not ICE, EC, IC). The student ID (chip card) serves as a ticket.

Giessen has a dense bus net. Bus number 10 A and bus number 10 B bring you to nearly all of the university facilities. Here you can find more information:

- City bus routes - Stadtwerke Giessen: (www.stadtwerke-giessen.de)
- Bus routes of the Giessen transport system: (www.verkehrssverbund-giessen.de)
- Public transport in the Rhine-Main transport system „Rhein-Main-Verkehrssverband“: (www.rmv.de)
- Information service of the “Deutsche Bahn“: (www.bahn.de)

Car passenger service
Most university towns and big cities have private car transport agencies ("Mitfahrzentralen") offering rides in private cars for longer journeys. Simply call an agency and inquire about offers on a particular day and route.

A commission is charged by the agency and the driver usually makes a charge depending on the distance and number of passengers (fuel money). This mode of travel is not to everyone's taste, but for those travelling alone it is inexpensive and may even result in some interesting contacts. You can register as a driver at these agencies, too.

- Mitfahrzentrale (www.mitfahrzentrale.de)
- Mitfahrgelegenheit (www.mitfahrgelegenheit.de)

Shopping
Several chains of supermarkets are widespread and cheap. Most stores are open until 20.00 on Saturdays, smaller shops in town might close already at around 16.00. Almost all stores are closed on Sundays.

Exception: some stores within the railway station. Also gas stations are open for extended hours. But be warned: they are much more expensive than normal stores.
Contact
Faculty 09, Agricultural Sciences, Nutritional Sciences and Environmental Management of the Justus-Liebig-Universität Giessen:

- Prof. Dr. Karl-Heinz Kogel
  Research Center for Bio Systems, Land Use and Nutrition
  Heinrich-Buff-Ring 26-32, D-35392 Giessen
  E-mail: contact@agrobiotechnology.de

- Office of the Dean
  Contact: Dr. Claus Mückschel
  Bismarckstrasse 24, D-35390 Giessen
  Tel.: (+49) 641/99-37001
  E-mail: dekanat@agrobiotechnology.de

- Office for Student Counselling
  D-35390 Giessen, Ludwigstr. 28A
  Tel.: (+49) 641/99-16223
  E-mail: zsb@uni-giessen.de

- Petra Schulze, Deputy Director
  International Students Advisor
  Tel.: (+49) 641/99-12143
  E-mail: Petra.Schulze@zil.uni-giessen.de