

U N I K A S S E L V E R S I T 'A' T

# Study Guide MSc Sustainable International Agriculture

Winter semester 2024/2025



# More information

UNIKASSEL VERSITÄT



GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN



#### Dear students,

As you embark on your journey in the Master's program in Sustainable International Agriculture (SIA), I want to warmly welcome you to the Universities of Göttingen and Kassel (Witzenhausen). While most of you have completed Bachelor's studies in Agriculture or a related field, some may already possess a Master's degree, but seek to complement that with knowledge and expertise in a new area.

Most of you are new to Göttingen or Witzenhausen, and many did not live in Germany, or Europe, before. We hope that this student guide helps you to facilitate your transition to your new academic home, and to navigate your academic journey. Within this guide, you will find all the essential information about your studies, university facilities, and examination procedures.

The Sustainable International Agriculture Master's program addresses many critical questions of our time. Agriculture and its connections to human and planetary health are central to many ongoing societal debates, demanding expertise and critical thinking on these topics. We believe this study program will enable you to actively participate in these discussions and to contribute to a sustainable future for agriculture and food. Depending on your chosen study orientation, your primary focus will be on tropical agriculture and agroecosystems, on organic agriculture, or on agribusiness and the economics of rural development, all with a strong international perspective. However, we encourage you to make use of the numerous opportunities to broaden your horizons, by attending lectures from the other study orientations, but also from other faculties.

Throughout this program, you will not only develop academically, but you will also build connections and growth as a person and a future professional. The past experiences and career trajectories of SIA program graduates underscore the significance of the program's international profile, insights and experiences shared by students from around the world, and the networks and friendships formed here.

We hope you will enjoy your time studying in Göttingen and Witzenhausen. The Faculties of Agricultural Sciences at both Universities wish you a successful start in the SIA program!

**Liesbeth Colen** 

#### Speaker of the SIA Study Program

Please scan the QR-Code below to get access to the online version of this study guide! The linked words in the text of the online version will take you directly

to the corresponding webpages.



#### **Essential Contacts**

Prof. Dr. Liesbeth Colen (Speaker of the SIA Study Program) liesbeth.colen@uni-goettingen.de

Academic Advisory Service Göttingen (Dr. Esther Fichtler) Büsgenweg 5, 37075 Göttingen esther.fichtler@agr.uni-goettingen.de, +49 551 39-28112

Acedemic Advisory Service Witzenhausen (Ute Gilles) Steinstraße 19, 37213 Witzenhausen u.gilles@uni-kassel.de, +49 5542 981214

#### **Examination Office Göttingen**

Büsgenweg 5, 37077 Göttingen <u>paagrar@uni-goettingen.de</u>, +49 551 / 39 – 25102 or 29649

#### **Examination Office Witzenhausen**

Steinstraße 19, 1<sup>st</sup> floor, 37213 Witzenhausen <u>studsek@wiz.unikassel.de</u>, +49 5542 981215

#### **Psychosocial Counseling**

Goßlerstraße 23, 37073 Göttingen <u>psb@studentenwerk-goettingen.de</u>,+49 551-39 35 071

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#### **1** Some General Information

#### **1.1 Finding your Way Around the Campus**

We know it can be confusing when you first have to make your way to the many lecture halls, canteens, libraries, etc. The University of Göttingen has a central campus, but there are many other places where lectures take place. Take your time to discover all the different locations that belong to the university. There are also some tools to help you find your way. Often, the easiest way to get where you need to go is Google Maps. The University of Göttingen also offers an <u>interactive map</u> which you can use in the web browser or as an android app. It will give you information about the correct address, but also more detailed information about floor level, accessibility and available equipment in the respective rooms.

The University of Kassel also offers an <u>interactive map</u> which you can use to find the lecture halls, canteens etc. in Witzenhausen.

#### **1.2** The Study Course M.Sc. Sustainable International Agriculture

The master degree programme "Sustainable International Agriculture" (SIA) is a joint study programme of both the agricultural faculties of the Georg-August-University Göttingen and the University of Kassel - Witzenhausen. All SIA-students are equally enrolled at both universities and may use all facilities provided. This Study Guide gives information about the organisation of the programme at both universities (Göttingen and Kassel-Witzenhausen) and provides an overview of all modules taught within the SIA programme. The administration of the programme is with the University of Göttingen (i.e., application, semester ticket, examination administration, etc.). All SIA modules are taught in English. The study programme is internationally oriented and offers three possibilities for specialization (profiles):

- International Agribusiness and Rural Development Economics
- International Organic Agriculture
- Tropical Agricultural and Agroecosystems Sciences

For the profile "International Agribusiness and Rural Development Economics", most modules are offered in Göttingen, while "International Organic Agriculture" mainly takes place in Witzenhausen. Modules for the profile "Tropical Agricultural and Agroecosystems Sciences" are taught in Witzenhausen and Göttingen in equal shares. Students with the specialization in "International Agribusiness and Rural Development Economics" can study one or two semesters at the "Universidad de Talca" (Chile) and have the possibility to obtain a Double Degree. More information can be found <u>here</u>. For further questions please also contact the coordinator of the IARD-programme or the <u>Academic Advisory Service</u>.

#### **1.3 The Study Course Structure**

The study course starts in the winter semester. The standard period of study is four semesters. In total, 120 ECTS-Credits (abbr. C) have to be achieved. For more information about the ECTS-Credit systems also see chapter 1.3.3. Students can choose between three different focus areas. The official assignment to one of the focus areas is done by first signing up for exams in the respective profile name (see also chapter 2.3).

#### 1.3.1 Mentors

At the beginning of the Master's degree programme, each student is allocated with a faculty member whose principal job is that of a mentor. The mentors carry out the professional advisory service in the M.Sc. degree programme. They advise you individually and on a continuous basis. The allocation procedure is arranged by the Study Dean's Office in Göttingen. Students are entitled to change their mentor if they wish to do so. New incoming students will receive an e-mail with further information on possible mentors within the first weeks of the lecture period.

#### 1.3.2 Module Codes

The SIA module code system consists of the prefix **M.SIA.** and one or more letters plus an ongoing number (A: Animal, P: Plant, E: Economic, M: Methods, I: International). Modules from other degrees / faculties have the following prefixes:

- **M.Agr.** (Master of Science in Agriculture)
- **M.Cp.** (Master of Science in Crop Protection)
- **M.IPAB.** (Master of Science in Integrated Plant and Animal Breeding)
- **M.WIWI.QMW.** (Modules from the Faculty of Economics)
- **M.FES.** (Master of Science in Forest and Ecosystem Sciences)

In the Directory of Modules of the SIA programme, on the study programme's homepage and in our online examination management system "FlexNow" the modules are sorted according to the above described codes. In Chapter 22 of this guide all modules offered in the degree are sorted according to their title in the table.

#### 1.3.3 ECTS - Credits

Each module has a credit value. The credit is given according to the European Credit Transfer System (ECTS), one credit thereby corresponds to a 30-hour workload. Most modules in the programme have 6 credits and correspond to the workload of a 4-hour lecture or an 8-hour practical per week for one semester (16 weeks teaching period), the preparation for those lectures/practicals and the exam. Hence, a six credit module corresponds to a 180-hour workload per semester. The Master thesis and the defense contribute 30 credits in total. A regular workload is 30 credits per semester, i.e., 5 modules of 6 credits each. The regular study period amounts to four semesters and adds up to 120 credit points, including the Master thesis (incl. colloquium) and the completion of all required examinations. The number of lectures a module has per week is called "weekly lecture hours" (WLH), in German: "Semester Wochen Stunden"(SWS).

#### 2 Examination Matters and Master Thesis

#### 2.1 Examination Office

Here you can get forms and solve other academic/administrative matters. In case you have problems with FlexNow, registration/deregistration, or other issues relating to examinations, Ms. Stefanie Schäfer and Ms. Anja Kalkau (<u>paagrar@uni-goettingen.de</u>) will be happy to help you. If you need to go to the examination office please make an appointment in advance.

| Faculty of Agricultural Science – <u>Examination Office</u>  |                                   |  |  |  |  |
|--|-----------------------------------|--|--|--|--|
| Büsgen   | Büsgenweg 5, 37077 Göttingen      |  |  |  |  |
| E-Mail: pa   | E-Mail: paagrar@uni-goettingen.de |  |  |  |  |
| Anja Kalkau:   | +49 (0)551 39-29649 (Raum 1.130)  |  |  |  |  |
| Stefanie Schäfer:  | +49 (0)551 39 25103 (Raum 1.132)  |  |  |  |  |
| Office hours by appointment, Phone hours daily 08:00 - 10:30 |                                   |  |  |  |  |

#### 2.2 Examination Periods

There are two examination periods per semester: One at the end of the semester and one at the beginning of the following semester. The duration of each examination periods is 3 weeks. One week is either the last week of the semester or the first week of the next semester. Since the lecture periods might vary one to two weeks between Göttingen and Witzenhausen, the examination periods might also differ slightly between the two universities. Students can choose to do the examination in the first or the second examination period. In case of block seminars, examinations can be offered outside the examination periods.

Examination dates are published in the examination calendar of the Faculty of Agricultural Sciences in Göttingen (choose "MSc Sustainable International Agriculture" in the left column). These dates are also shown in the FlexNow system (see chapter 2.3).



#### 2.3 Registration for Examination: FlexNow

In the first lecture of each module, the examination procedure will be communicated by the professor organising the module. Registration for module examinations is done electronically by the students themselves in FlexNow via the eCampus portal (see also chapter 3.13.1). In some circumstances (e.g., modules taking place in Witzenhausen) you may need to register directly with the professor who is responsible for the respective module. However, all teachers in Witzenhausen must ensure that registration for SIA modules is possible via FlexNow as well.

#### **Important notes:**

- Successfully completed modules cannot be repeated.
- Two successfully achieved exams (English modules only!) from other programmes can be acknowledged upon application.

To register for an examination, open <u>eCampus</u> (see chapter 3.1) on your device and choose FlexNow in the upper bar. Then choose "Register for exams/cancel *registration*" in the left column. You proceed and choose "Module im *Masterstudiengang*" (English: "Modules in the Master's degree").

Please make sure to always select the modules you want to register for within your respective profile name (e.g., "International Organic Agriculture") because the same module can be offered for different profiles. This is especially important the first time you register for an examination: After the first registration, you can only see modules of the previously selected profile and if you did not register correctly, you will have problems to find other modules of your profile. If you did not select the correct profile the first time, please contact the Examination Office in Göttingen for help. Please note, there are special profiles for the Double Degree students!

As previously mentioned, there are normally two exam dates offered for each module, one offered in the first exam period and one in the second period. Please make sure to check the exam date when you register, so that your registration is for the desired date.

The <u>registration</u> for written and oral examinations is to be done <u>at least seven days</u> <u>before</u> the examination date. Withdrawal without a reason (<u>deregistration</u>) is possible up to <u>24 hours before a written exam</u> and up to <u>seven days before an oral exam</u>. The registration for <u>course supplementary practical module examinations</u> should be done at least seven days before the examination period. Deregistration is possible up to seven days before the beginning of the examination – usually that is the beginning of the practical or project work. The registration for <u>other course-supplementary module examinations</u> should be done at the beginning of the courses. Deregistration is possible in the case of assignments up to the deadline of the assignment, in the case of presentations, seminar papers and joint seminar papers up to two weeks before the date of the seminar/lecture.

In FlexNow you can also see your exam grades and create a transcript of records (click on "*Summary of Achievements"* just below the button for exam registration, select the degree "*Sustainable international Agriculture*" and press the button "*Create*"). The generated transcript has an expiry date and a code. With this code a recipient can validate the transcript online. Therefore, there is no need for a signature.

#### 2.4 Illness on the Exam Date

In case you cannot take an exam due to illness on the exam date, you have to notify the Examination Office with a sick leave note provided by your doctor within three days of the exam date. The notification is submitted through <u>eCampus</u> (see also chapter 3.1). Please go to eCampus and select "*Formulare"* -> "*Formulare der Prüfungsämter"* -> "*Erkrankung: Rücktritt von Prüfungsleistungen"* ("*Forms"* -> "*Examination Office's forms"* -> "*Acknowledgement of an illness"*).

An online form to fill out will be opened. Your name automatically appears on the top of the form. You have to select the name of your exam ("*Prüfungsfach auswählen"*) and upload the sick leave note ("*Attest hinzufügen"*). Finally, you sign with your electronic signature ("*Signatur einfügen"*) and submit the form. FlexNow shows if the Examination Office received your sick leave note. If you submit the sick leave note later than three days after the exam, it will not be accepted and your exam will count as a failed attempt unless you have a valid excuse. This means that if it was your first attempt, you will then only have two more attempts to pass this exam.

#### 2.5 Failed Exams

Examinations can be repeated twice (i.e., three attempts in total). Before the second repetition students must consult the advisory service and their mentor (see

also chapter 1.3.1). You can repeat the exam in the following exam period, after a year the latest you have to take the exam again.

#### 2.6 Exchange of Failed Modules

If you have failed an (compulsory) elective module and there are more modules in your block to choose from, you can sign up for a different module. You can contact the <u>Examination Office</u> (see chapter 2.1) or Student Advisory Service (see chapter 5) for more information.

#### 2.7 Master Thesis

The application form for admission of the master thesis must be submitted to the examination office **at least 6 weeks prior to the submission of the thesis**. The application forms can be requested from the Examination Office by email (paagrar@unigoettingen.de). Requirements for admission of the master thesis include that students have earned at least 78 credits, and among those, all compulsory and at least four mandatory modules have been completed. The application must include the topic of the thesis, name of first and second supervisor and signatures of confirmation from both supervisors. One of the supervisors must be a habilitated (qualified as a professor) and authorized examiner of the agricultural faculty of the University of Kassel or Göttingen. The master thesis must be written in English. The period for writing the thesis is 22 weeks maximum.

When the application for admission of the master thesis is submitted to the Examination Office, the latest date for submission of the thesis will be calculated and the thesis will be registered in <u>FlexNow</u> (see also chapter 2.3) automatically. After finishing your master thesis, please upload it to FlexNow. Students may submit their thesis up to 4 weeks prior to the deadline but not earlier. If a thesis is submitted after the deadline, the thesis is failed. The thesis can only be repeated once. After submission of your thesis, your supervisors will evaluate your thesis within 3 weeks. Your grade will be shown in FlexNow and once the grade is available, you will receive a form to apply for your certificate via email (see chapter 3.1).

The master thesis may be conducted as group work. The contribution of each individual to the group work must be clearly distinguishable and separately assessable.

#### 2.7.1 Master Thesis - Colloquium

The colloquium will usually take place within six weeks after submission of the thesis. You arrange the date for the colloquium with the two supervisors. It consists

of an introductory presentation (about 30 minutes) and a discussion (about 30 minutes) of the master thesis. The purpose of the colloquium is to prove that you are able to cope with interdisciplinary and problem-specific questions on a scientific basis and can put them into the context of international agricultural sciences.

#### 2.7.2 Master Thesis - Certificate and Transcript

After the supervisors have submitted their report with the grade of your master thesis to the Examination Office, you will automatically receive an email with the form for application for certificate and transcript. <u>Please check in FlexNow (see chapter 2.3) if your completed modules are registered in the correct block before you fill in the form and submit it</u>. The Examination Office will issue the certificate and transcript as soon as they receive the form. The certificates must be signed by the deans of Witzenhausen and Göttingen, hence it might take up to four weeks before the certificates are handed over to you. No certificates will be sent abroad by the Examination Office. In case you will be outside of Germany before you get your certificate and transcript, please discuss this with the <u>Examination Office</u> (see chapter 2.1).

#### 2.7.3 Master Thesis - Legalisation of the Master Certificate

If you are a German citizen, the following paragraph does not apply to you. If you are an international student, the certificate and transcript have to be legalized by the government of Lower Saxony, otherwise they might not be recognised in your home country. The Examination Office will inform you where this can be done. For some countries, the embassy also needs to approve the certificates before they can be recognised. It is the student' s own responsibility to get the legalization of their certificates. Please contact your embassy for more information on how to get your certificates recognised by your home country.

#### 3 Facilities & Contact Details Göttingen

#### 3.1 eCampus and E-mail - Address

eCampus is the central online platform of the Georg-August-University of Göttingen. Via eCampus, you can access all services presented below, including your student e-mail account ( "eCampusMail"). This email address cannot be changed. It is used as your official contact address by student administration, examination administration and the SUB. Please check of the your mails regularly to be informed about important information concerning your studies!

Together with your user account you will receive the access details for your e-mail address. This is usually composed of *firstnamemiddlename.lastname@stud.uni-goettingen.de*). The first part of the address (firstname.lastname or firstnamemiddlename.lastname) is your user ID and also the **user name for eCampus, the internet login at the university** and related services. **Your personal password is universally valid.** 

The eCampus start page can be customized to your personal preferences and offers useful information. For example, a daily update of the canteen menu can be found here. Rooms and lockers in the <u>Learning and Study Building</u> (chapter 3.5) can also be reserved via eCampus. In addition, various important forms can be found under the link "Other Services". Whether via the press releases of various newspapers, the eCampus Twitter, or the information platform for students: With eCampus, you will not miss any information or notice of action at the university. So log in and start discovering the many opportunities the university has to offer!

#### 3.2 EXA

HISinOne EXA is an information platform that helps you to plan your semester according to your study regulations. EXA offers access to events, rooms/facilities, faculty members, important dates, modules, publications and international contacts. Also, the structure of the study programme can be visualised and connected with the corresponding events. You can access EXA via <u>eCampus</u> (see chapter 3.1) ( "studies offered > show university course catalogue" ).

#### 3.3 Stud.IP

**Stud.IP** is your study platform in Göttingen which is accessible via eCampus. It offers you some useful help for your everyday study life: At Stud.IP, you will sign up for modules ("Veranstaltungs-/Modulverzeichnis > Studiengänge > Master Uni mit Abschluss > SIA") and receive your study materials. Stud.IP offers useful features such as an automatically generated timetable consisting of the modules that you registered for. You can use this feature to keep track of your schedule. If you wish, you can also create your own homepage with profile picture, CV, hobbies, etc.

If you experience any issues with your Stud.IP account, please contact the <u>studIT</u> <u>Support</u> or the staff at the <u>Chip Card Issue Point</u> in the main lecture hall building (ZHG between rooms 010 and 011; opening hours: Mo-Fr 10:00 am - 5:00 pm).

Please note that Witzenhausen has a different study platform called "Moodle" (see chapter 20.3).

#### **3.4 Self-Service Functions**

With the link <u>self-service functions</u> ("SB-Funktionen"), you can re-register for the next semester ("Rückmeldung), de-register from your study course and download various certificates such as your proof of enrolment. Also, you can change your contact details. It is important that you keep your contact details up to date so that the university can contact you in matters concerning your studies.

#### 3.5 Learning and Study Building (LSG)

The Learning and Study Building ("Lern- und Studiengebäude") is located on the central campus near the Zentralmensa (Platz der Göttinger Sieben 3a). Students can book one of the approximately **650 individual working** and group working areas. Especially for group work, working on a term paper or simply for undisturbed studying, the LSG offers great options. You can book rooms with a standard work space, or with additional features such as whiteboards, smartboards or special computers. Lockers are available for use.

The easiest way to book an LSG room is to log into your <u>eCampus</u> account ("More" > "LSG/SUB study rooms" – in German: "weitere Dienste" > LSG/SUB-Arbeitsräume"). From here you can check your current bookings, make bookings and also see invitations for bookings along with some more details about the use of the LSG rooms.

When you book a room, you are given a certain number of <u>reservation points</u>. The more resources in the room and the longer you book it for, the more points your account will be charged with. If you have only few points, you can book rooms on long-notice. With an increasing number of points on your account, you will only be able to book rooms on shorter notice. After 40 days, your points will be deleted automatically. If you are going to use a room together with some fellow students, you can also share the points.

Around exam times the rooms are fairly fully booked, so make sure to book early. During the semester, the larger rooms usually book out faster than the smaller rooms.

#### 3.6 Eduroam

As a student at the University of Göttingen, you have access to Education Roaming (eduroam). This is a worldwide internet access service for members of educational and research institutions. Your GWDG account is eduroam-enabled, which means

that you have internet access worldwide in all institutions that also support the eduroam system. Further information and instructions for setting up Eduroam can be found <u>here</u>.

#### 4 Important Deadlines

During your studies, you will need to meet some <u>deadlines</u>, which result from your <u>examination and study regulations</u>. For example, you will need to re-register for your study course each semester. In order to do so, you will need to transfer the semester fee until the <u>re-registration deadline</u>.



# If you realize that you will not be able to meet any deadlines, contact your student advisor (see chapter 5) as soon as possible to find a solution.

#### 5 Advisory Services

#### **5.1** Deans' Offices for Student Affairs

The Deans' offices for Student Affairs in Göttingen and Witzenhausen both offer comprehensive <u>advisory services</u>. The advisory service will help you to structure your studies and can advise you regarding recognition of exam achievements and admission requirements. They will also help you with any other question regarding your study programme (module combinations, the ECTS-credit system, etc.) Do not hesitate to contact your student advisors about any issues regarding your studies. The last years have shown us that many issues at the end of students' study periods could have been prevented if the student advisory service would have been contacted sooner.

Contact the advisory service especially in the following cases:

- after failing an examination twice,
- changes in the regular period of study,
- change in the profile, course of study at the university, and/or
- before a period of stay abroad.

Here are the contact details of the academic advisers of student affairs for SIA students:

| University of Göttingen               | University of Kassel-Witzenhausen |
|---------------------------------------|-----------------------------------|
| Dr. Esther Fichtler                   | M.Sc. Ute Gilles                  |
| Büsgenweg 5,                          | Steinstraße 19,                   |
| 37075 Göttingen                       | 37213 Witzenhausen                |
| Tel.: +49 (0)551 / 39 - 28112         | Tel.: +49 (0)5542 / 98 1214       |
| esther.fichtler@agr.uni-goettingen.de | u.gilles@uni-kassel.de            |

#### 5.2 The Career Service

The Career Service can help you to find suitable internships and job offers in and outside of Germany. The Career Service will support you with the analysis of your own potentials and in the development of individual professional strengths. Also, the Career Service can help you write promising job applications and present yourself professionally in job interviews or social networking sites for professionals. You can contact the Career Service here:

#### **Career Service**

Wilhelmsplatz 4, 37073 Göttingen

career@uni-goettingen.de; +49 (0)551 / 39 - 24642

#### 5.3 Counselling Service

There are many different reasons for why you might experience problems during your studies. Problems such as learning and work disorders, excessive demands on yourself, fear of exams and failure, the feeling of being overwhelmed, dejection, lack of perspective and fear of the future are more widespread than you think. Conflicts with parents or partners, difficulties to meet new people, self-esteem problems, feelings of loneliness, anxiety or psychosomatic problems can lead to a personal crisis or even to addiction.

If you experience such problems, do not hesitate to contact the psychosocial counseling office, where psychologists are available to help you manage your problems. <u>It is a sign of sovereignty to get the support you</u> <u>need. Counselling is anonymous and free of charge.</u>

At the University of Göttingen, you can find help here:

| <u>Social and Psychological</u><br><u>Counselling</u>                                     | Social services specialised on<br>economic issues and the specific<br>problems of disabled and foreign<br>students.<br>Help with study difficulties, personal<br>crises and stress caused by studying.<br>The offer is free of charge, confidential<br>and anonymous at the first<br>appointment if desired. |  |
|---|--|--|
| Psychotherapeutic<br>Outpatient Clinic for<br>Students at the<br>University of Goettingen | Individual and group therapy for<br>students with work disorders,<br>depressive moods, or other personal<br>as well as student-specific crises.  |  |
| Student Advisory<br>Service of the Faculty of<br>Agriculture                              | Advisory regarding all relevant<br>questions concerning your studies at<br>the Faculty of Agricultural Sciences.   |  |
| <u>Central Student</u><br><u>Advisory Service</u>   | Advisory regarding changing course of<br>studies, workshops for students with<br>motivation problems and an exam<br>preparation group.   |  |
| <u>Nightline</u>  | Anonymous student listening phone<br>Monday-Thursday 9:00 p.m12: a.m.<br>(English listeners on first Mondays<br>each month)  |  |
| <u>Counselling for Study</u><br>and Social Issues   | Advice on all social matters related to your studies   |  |

Many more advisory- and information services of the University of Göttingen can be found here.

The University of Kassel also offers various counselling services. <u>Click here</u> to find help regarding student advice, study formalities, general study counseling, student financing counseling, special service for international students, legal advice as well crisis and social counseling.

#### 5.4 Equal Opportunities Team

Providing equal opportunities for every student is one of the central responsibilities of a just and sustainable society. At the University of Göttingen, the central Opportunities Office and the decentralized Equal Opportunities Offices of the faculties work on implementing such policies at the university. The Equal Opportunities Offices can be contacted as follows:

#### **Central Equal Opportunities Office**

Dr. Doris Hayn, Stabstelle Chancengleichheit und Diversität doris.hayn@zvw.uni-goettingen.de, +49 (0)551 / 39 – 26321

Equal Opportunities Team Of The Faculty Of Agricultural Sciences

Büsgenweg 5, 37077 Göttingen <u>gbagrar@uni-goettingen.de</u>

#### 5.5 Maternity Leave for Students

Students who are pregnant, have given birth or are breastfeeding have a right to maternity protection. This includes, for example, time off from courses to attend antenatal appointments and, if necessary, an adjustment to your studies to rule out any risk to you or your child. You can read the exact protective provisions <u>here</u>. Further information from the University of Göttingen's occupational health service can be found <u>here</u> (unfortunately, only in German so far).

#### Contact person maternity leave at the University of Göttingen

Kerstin Albrecht, Studienzentrale am Wilhelmsplatz 4, 37073 Göttingen

mutterschutz@uni-goettingen.de; +49 551 39-23057

Contact person for maternity leave at the Faculty of Agricultural Sciences in Göttingen

Dr. Susann Graupner, Büsgenweg 5, 37077 Göttingen

<u>sgraupn@gwdg.de;</u> +49 551 39 25109

Information on maternity leave at the University of Kassel can be found <u>here</u>.

#### 6 Going Abroad

Students at the Faculty of Agricultural Sciences have been actively participating in student exchanges within the EU and worldwide for years as part of various exchange programs (e.g. <u>Erasmus+</u>). For this reason, the faculty cooperates closely with European universities. If you are interested in a semester abroad, start

planning well in advance – 6 - 12 months before the start of your trip is a good guideline.

You can also find extensive information about studying or internships abroad on the website of <u>Göttingen International</u>. Here you can find out about the various options for a stay abroad, for example as part of Erasmus+ or the Global Exchange Program.

Please also have a look at the Stud.IP group "<u>Studieren im Ausland Fakultät</u> <u>Agrarwissenschaften</u>" ("Studying abroad – Faculty of Agricultural Sciences"), where you will find current information on various ways to study abroad, events, dates, deadlines and much more.

For the <u>recognition of your achievements abroad</u>, please contact <u>Dr. Esther Fichtler</u> (ERASMUS+ Program Officer at the Faculty of Agricultural Sciences) before you start your semester abroad. The Faculty of Agricultural Sciences is participating as a pilot faculty of the University of Göttingen in the project-related test operation of the Platform for Inter\*national Student Mobility (PIM). PIM is a BMBF initiative within the framework of the National Education Platform (NBP) and offers participating universities digital application and review workflows for the recognition of academic achievements. You can use PIM to apply online for recognition of examinations completed abroad (or in Germany if you wish to transfer credits earned at another university).

Further information on PIM and the recognition of academic achievements can also be found <u>here</u>.

Your contact person for a semester abroad are:

#### Semester abroad (General/Europe)

Dr. Esther Fichtler, Büsgenweg 5, 37077 Göttingen

esther.fichtler@agr.uni-goettingen.de, +49 (0)551 / 39 - 28112

Semester abroad (all other countries)

Göttingen International, Von-Siebold-Str. 2, 37075 Göttingen

international@uni-goettingen.de, +49 (0)551 / 39 - 27775

You can also have a look <u>here</u> to get information about the exchange options provided by the University of Kassel.

If you would like to spend a semester abroad, please make sure you obtain information early so that you have enough time to prepare!

# 7 Internships

A compulsory internship for the completion of the Master's degree is not required during the four semesters of study. However, it is recommended that you complete voluntary internships or practical activities during your studies, as these can make it easier to start your career later on and significantly promote the development of your individual skills! Through an internship, you can make contact with potential future employers and gain knowledge, skills and experience in the professional field relevant to you.

If you are short of ideas, you can find out about internships e.g. on the websites of the Chambers of Agriculture or ask fellow students. You can also find advertisements for internships on various internet portals such as the <u>AgrarJobBörse</u> the student council's <u>internship list</u> or the <u>internship office website</u>. Unfortunately, some of these sites will be (mainly) in German.

#### 8 Library SUB

The university <u>library</u> in Göttingen (Niedersächsische Staats- und Universitätsbibliothek Göttingen, SUB) is one of the five largest scientific libraries in Germany. In the library's collection there are inexhaustible possibilities of use for all fields of knowledge from old manuscripts to new electronic media.



The central library can be found here:

| Platz der Göttinger Sieben 1,                                       |
|---|
| 37073 Göttingen   |
| https://www.sub.uni-goettingen.de/en/news/                          |
| Central Information / SUB new building:                             |
| Tel.: +49 (0551) 39-5231, Email: informationen@sub.unigoettingen.de |

There are other branch libraries that belong to the SUB and contain ample literature. A list of all the other libraries can be found <u>here.</u>

**Login and User Account:** Your <u>student ID card</u> of the University of Göttingen is also your user card for the SUB. Using the library is free of charge for students of the University of Göttingen. In order to <u>log into your account</u>, you will need your user number which can be found on the back of your ID card (e.g. 00071234567). Your library card's expiry date card and your contact details can be seen in your <u>user account</u>. Your password will be handed out to you upon matriculation or upon

registration at the library (Attention: This password is not necessarily the same that you use for eCampus). More information and step-by-step instructions for the library services or your user account can be found <u>here</u>.

The computers in the SUB can be used with the usual student log-in (firstname.lastname/ firstnamemiddlename.lastname and password). Also, you can connect your personal laptop to the University's W-LAN network.

**Book Loan:** As a student of the University of Göttingen, the reading and borrowing of books at the SUB is free of charge. In the <u>University Catalogue (GUK)</u> and in <u>GöDiscovery</u> you can look up literature and find their respective location and signature. Some items are freely accessible for you (use the signature to locate an item), others are not accessible for students and have to be ordered. If you want to order literature, log into your SUB account, choose the respective literature and where you want to pick it up and click on "*order*". You will receive a confirmation text. After approximately one work day you can pick up your ordered item at the selected location. If you want to borrow books to take them home, please use the self-checkout at the library. Make sure to bring your student ID card and a personal ID card. Please note that not all books can be borrowed.

**Reservations:** If a desired title is currently borrowed by another student, you can make a reservation. Choose the respective literature in your library account and click on "reserve". The loan status tells you how long the item will be on loan. Your user account will show as soon as a reserved item is available for you. In addition, you will be notified by e-mail.

**Loan Period and Loan Extension:** Books can usually be borrowed for 28 days, journals for 7 days. It is possible to extend this time period eleven times unless another student has placed a reservation on an item.

**Return of items on loan**: You can return borrowed items at the SUB main building at the central campus, at the service point in the historical building or in one of our departmental libraries.

**The SUB for newcomers:** The SUB offers <u>introductory courses</u> for using the library and online catalogue. You will be taught how to access the items you want to read and how to search for relevant literature in the <u>University Catalogue (GUK)</u>. Additionally, the SUB offers <u>advisory services</u> for navigating the library. Occasionally there will also be courses on more specific topics such as how to do research in agricultural sciences. You can find the current offers for courses <u>here</u>.

#### 8.1 Printing and Copying

You can use printers and copy machines at all library locations. Use your student ID card to pay for printing and copying. To do this, you will need to load money onto your ID card, as you do for paying at the canteen or cafes. As a next step, you will have to transfer the money onto your printing budget (your student ID card will hold two separate budgets; one for canteen/cafes and one for printing/copying). To do this, use a self-service-machine (e.g. in the SUB main entrance) or go to the counter and ask for help to transfer the money to your printing budget

The Faculty for Agricultural Sciences sometimes provides a **free printing budget** for the students. This will be automatically loaded onto your printing budget sometime around the beginning of the semester. The amount varies between semesters. There are also copy machines available which can be operated with coins. However, they are more expensive than the ones you can use with your student ID card.

#### 9 Finances

There are various ways to finance your studies. If you encounter any problems with financing your studies or would like advice, please contact the respective contact points of the <u>Studierendenwerk Göttingen</u>. You can also find some information about financing your studies at the <u>websites of Göttingen</u> <u>International</u>.

#### Office for student finances university Göttingen

Platz der Göttinger Sieben 4, 37073 Göttingen, same building as central canteen floor level 3)

#### 9.1 Job Portal

Part-time jobs are a popular way to finance your studies. If your job is related to your study course, practical knowledge is acquired in addition to the extra income.

There are many ways to find a part-time job. For example, use the <u>university's job</u> <u>advertisements</u> or the homepage of the <u>student council</u>.

Also take a look at the Stud.IP group "<u>Agri Career – Jobs, Internships and Perspectives</u> <u>in Agricultural Sciences</u>". There you will find agriculture-specific job offers, internships, company profiles and information on information events. If you are looking for staff, interns or harvest helpers later in your career, you are welcome to send these vacancies by e-mail to Franziska Pach. They will then be published on the homepage of the student council and in the Stud.IP group mentioned above.

#### 9.2 Scholarships

It is worth finding out about the wide range of scholarships that are awarded e.g. by various foundations or state funding bodies. It is a myth that you only have a chance of receiving a scholarship if you have top grades; scholarships are also awarded for sporting achievements or social commitment, for example.

The University of Göttingen regularly announces the Germany Scholarship ("Deutschlandstipendium") and the Lower Saxony Scholarship ("Niedersachsenstipendium"). Here you will also find a list of various scholarship organizations and foundations.

### 9.3 Tax Office

If you have any questions about your finances, e.g. about part-time jobs or taxation, you can also contact the relevant tax office.

You can find the number of the free information hotline of the Lower Saxony tax office here. You may need someone who speaks German for translation.

## **10 Campus Licenses**

As a student of the University of Göttingen you have the opportunity to access a variety of different <u>campus licenses</u>. These include the discounted or free use of commercial software, e.g. Microsoft Office or Zoom. Please note that some licenses are only available for students of certain faculties.



## 11 Student Initiatives in Göttingen and Witzenhausen

#### 11.1 Student Council in Göttingen

The Student Council of the agricultural faculty is a point of contact regarding your studies. It organizes various activities for the students (including the infamous LaWi-Party) and represents the students' interests in several committees. Each year before the official semester start, the Student Council organizes introductory events to help you become familiar with the campus and get to know your fellow students. If you want to contact the Student Council Göttingen or if you are interested in becoming a member and actively shape your study course, please contact:

> Student Council Faculty of Agricultural Sciences Von-Siebold-Str. 4, 37075 Göttingen fsagrar@uni-goettingen.de Facebook: Fachschaft Agrarwissenschaften Uni Göttingen Instagram: fsagrar\_goe Meetings: Tuesdays 8 p.m.

### **11.2 ASV - International Student Representative in Kassel-Witzenhausen**

The ASV organises activities for students and represents students' interests at the University of Kassel-Witzenhausen. You can get information via a mailing list and newsletters. Contact the ASV via email: <u>asv@asta-kassel.de</u>.

#### **11.3 Work Study Associations (AGs)**

Due to the dedication of several students, various work study associations (AGs) have been founded in Göttingen during the last years. All of these AGs are German speaking events. AGs are meant to provide a platform for students who share an interest on a study related topic. AGs allow you to meet up on a regular basis, discuss different field-related issues and create a personal network. Besides students giving short presentations on a particular topic, there will also be experts giving talks. Additionally, some AGs regularly organize excursions and other interesting events.

The current AGs at the Faculty of Agricultural sciences in Göttingen are:

- $\rightarrow$  AG Pferd (AG Horse)
- $\rightarrow$  AG Schwein (AG Pig)
- $\rightarrow$  AG Milchwirtschaft (AG Dairy)
- $\rightarrow$  AG Ackerbau (AG Arable Agriculture)

If you are interested to join an AG, you are kindly invited to do so. As mentioned before, most AGs will require you to speak German in order to participate. Whether AGs take place depends to a large extent on the commitment of the students. AGs do not always take place every semester.

For more information on the AGs, click <u>here</u> and navigate to "Student Initiatives".

#### 11.4 Study Buddy Programme

Every year, many international students start their studies at Göttingen University. The project "Integration and Diversity at Göttingen University" (InDiGu) aims at providing international students with a "Study Buddy". Study Buddy partnerships consist of a German student and an international student. Your "Study Buddy" will help you to settle in and get to know your university and the student life. If you are interested in getting a Study Buddy, you can register here. Beside these partnerships, the programme regularly offers different activities and trips in and around Göttingen, so make sure to check it out!

#### 12 Semester- and Culture Ticket

Göttingen offers busses and trains for public transportation. Every year, all students of University of Göttingen vote for or against the semester ticket, which can include free train- and bus rides. This year, students voted for the Deutschlandticket to be included in the semester ticket. Therefore, you can use all local busses and trains in Göttingen, Witzenhausen and all over Germany free of charge. Here you can find more information on how the semester ticket works.

In many years, the semester ticket includes the so-called culture ticket. It allows students to attend various cultural events (concerts, theatre, sports, ...) for a much-reduced price, often only  $1 \in$  or completely free of charge. Click here to get information on this semester's culture ticket.

#### **13 Canteens**

The University of Göttingen has many canteens and cafeterias to choose from. Please note that you can only purchase food with your student ID card. In every canteen and cafeteria, you will find automats to transfer money from your bank account (or cash) to your student ID card. At check-out, you will pay with your student ID card (similar to paying with a Debit/credit card) in order to pay. Click here for a list of canteens and cafeterias, including the weeks' menus (you can also find the menus on the start page in eCampus, see chapter 3.1).



#### 14 International Writing Lab

During your studies, you will be repeatedly asked to write term papers, protocols, etc. At latest, by the time you start writing your master thesis, you will need sufficient competences regarding the writing of scientific texts. The International Writing Lab offers support in writing your papers, protocols and thesis. It also helps you to gain the skills you need to successfully write scientific texts. You can get advice for writing your paper and attend various workshops and certification programmes which are free of charge. Click <u>here</u> to get more information about the current events at the International Writing Lab.

#### **15 University sport**

The central facility for general university sports at Göttingen University offers a wide range of sports and is one of the largest sports providers in southern Lower Saxony. Students, staff and guests can participate in the more than 150 sports and guided sports courses for a small membership fee. The basic membership fee is  $\notin$  2.90 per month. For every field of interest and level of proficiency, there will be a suitable offer. Furthermore, sports halls and courts of the university sports department as well as sports equipment can be rented for a fee.

You can find out about the current sports offerings on the <u>University Sport website</u> and in the magazine "Seitenwechsel", which is available in the dining halls and institutes two weeks prior to the start of each semester. While the website unfortunately does not yet translate completely into English, this should not discourage you from exploring the different sports courses offered. When you click on a course, it will indicate which languages the instructor can speak. So go ahead and pick a sport that you enjoy.

#### **16** Science Communication at the Faculty of Agricultural Sciences

Every press release that concerns the Faculty of Agricultural sciences in Göttingen can be found <u>here</u> on the faculty's website.

Twice yearly, Prof. Dr. Spiller (Marketing of Food and Agricultural Products) and the team of science communication publish the newsletter of the Faculty of Agricultural sciences ("agrar aktuell"). The newsletter contains German and English texts. If you are a member of the faculty and wish to publish something via the newsletter, send an e-mail with the article you want to publish to <u>marketing-agrar@uni-goettingen.de</u>. For each semester, deadlines are March 30th and September 30th, respectively.

# **17** Family Service (tandem programme for students with or without children)

The tandem programme aims at enhancing exchange between students with and without children. Tandem partners can support each other in gaining orientation at the university, spend time together, help solve conflicts based on difficulties of studying as a parent and much more. Whether you want to simply do some fun activities together or chat about the everyday student life; how you will shape your tandem is totally up to you. The Family Service will support you, e.g. with an event series on Work-Life-Balance.

You can contact the Family Service here:

Family Service

Goßlerstr. 9, 37073 Göttingen

familienservice@zvw.uni-goettingen.de; +49 (0)551 / 39 - 26328

#### **18 SNIC (Südniedersachsen Innovation Campus)**

In the Südniedersachsen Innovation Campus (SNIC), the universities of the region, the districts of Südniedersachsen and the City of Göttingen cooperate with their business development agencies, the Chamber of Crafts as well as more than 20 partners from industry. The aim ist to promote connections between science, industry and the communities and hence to strengthen the region of Southern Lower Saxony. SNIC offers the opportunity to gain practical experiences and skills in the fields of innovation and founding. Among others, SNIC offers:

- → Excursions which give insight into agricultural practice and offer opportunities to meet future employers
- $\rightarrow$  Networks which help you getting to know experts and mentors
- $\rightarrow$  Master theses in cooperation with local businesses
- $\rightarrow$  Identification of possible cooperating partners and funding
- $\rightarrow$  Support in realising start-up businesses
- $\rightarrow$  Advice, infrastructure and professional development

#### 19 Alumni

Since 2001, the University of Göttingen promotes the networking of former and current students, scientists, staff, friends and supporters of the University. The non-profit organization <u>Alumni Göttingen e.V.</u> is the base of a growing network. Members of Alumni Göttingen can continue to take part in the development of the

university. The <u>"Chapter Agrarwissenschaften</u>" is part of Alumni Göttingen. It was founded in 1987 and since then aims at promoting the cooperation between science and practice as well as the solidarity between former and current members of the Faculty of Agricultural Sciences. The Chapter Agrarwissenschaften regularly organizes events regarding career opportunities, e.g., <u>"alumnis4students</u>". If you are interested in staying in touch with the University of Göttingen, consider to become a member of the Chapter Agrarwissenschaften.

#### 20 University of Kassel – Campus Witzenhausen

#### 20.1 Uni-account and E-mail Address

At the beginning of your studies, you will also receive a **matriculation number from the University of Kassel**. With this number, you may activate your uniaccount of the University of Kassel.

The uni-account is the key element of most digital services at the University of Kassel: Only by means of the uni-account, you can access your university email account, the e-learning platform "moodle" (equivalent to Stud.IP, see chapter 3.3) and eCampus (see chapter 3.1). It also enables you to connect your electronic devices to the university's wireless network, or use one of the numerous computer work desks in the so-called "computer pools" of the IT Service Centre (ITS). You can find further information on your uni-account and other digital services <u>here</u>.

Please remember to change your password every six months as otherwise your uni–account will expire. You will receive an email address from the University of Kassel. **All official communication takes place via this email address.** Therefore, make sure to check your emails regularly and if necessary, install an automatic forwarding function to the email address you usually use.

Further you will receive a campus card from Kassel University. Functions of the card can be seen<u>online</u>.

Note: For SIA-students the semester ticket is only validated for the campus card of the University of Göttingen.

#### 20.2 Examination Office Kassel-Witzenhausen

In Witzenhausen, Ms. Sonja Burhenne and Ms. Heidrun Traeger work in the Students' Office, which is also the Examination Office. The office is situated at:

#### Steinstraße 19, 1<sup>st</sup> floor, 37213 Witzenhausen

You can reach them via email (<u>studsek@wiz.uni-kassel.de</u>) or phone (05542 981215). Opening hours are Monday - Friday from 9:00 a.m. – 12:00 p.m. and Monday and Wednesday 1:00 p.m. - 3:00 p.m. For most of the information you need (timetables, courses, deadlines etc.), you can check out the <u>website of the faculty</u>.

Also, check out boards of the departments and in the hall in front of the Dean's office (above the Mensa) for examination results and other information.

#### 20.3 Moodle

On the e-learning platform called "moodle" (equivalent to Stud.IP, see chapter 3.3), which you can also access through the website of the University of Kassel, you will find information about the lectures in Witzenhausen. Many lecturers upload their lectures and other course information on this platform.

#### 20.4 eCampus of University of Kassel-Witzenhausen

<u>Please note that the examination administration is serviced through Göttingen</u> <u>University</u> (for information on how to use eCampus of University of Göttingen, see chapter 3.1). However, in eCampus of Kassel University you may use some selfservice functions, e.g., to change your address or find the catalogue of lectures.

#### 20.5 Catalogue of Lectures ("Vorlesungsverzeichnis")

The <u>course schedule</u> is available at eCampus.

#### 20.6 Library of the Faculty of Organic Agricultural Science, Witzenhausen

Here you can find books mostly related to agricultural sciences. There are other libraries of the University of Kassel located throughout Kassel. If you search through the <u>online catalogue</u> you might find interesting books which are not located in Witzenhausen. You can order these free of charge to be delivered from Kassel to Witzenhausen (usually within 2-3 work days). Please ask the library staff for further advice. The **library in Witzenhausen** is located at:

Library Witzenhausen Nordbahnhofstr. 1, 37213 Witzenhausen Tel. 05542-981539 <u>Opening hours:</u> Monday - Friday 9:00 a.m. - 8:00 p.m.

#### 20.7 DITSL Library

**DITSL** is the German Institute of Tropical and Subtropical Agriculture. Most books of the <u>DITSL library</u> are also included in the university <u>library catalogue</u>. The DITSL library is located next to the Mensa (Canteen) in an old Chapel which itself is worth visiting:



| DITSL library   |
|---|
| Campus Steinstr. 19, 37213 Witzenhausen Tel. 05542-60713            |
| Opening hours:  |
| Monday - Friday: 9:00 a.m. – 1:00 p.m., Wednesday: 1:00 p.m. – 5:00 |
| p.m.  |

#### 20.8 University of Kassel-Witzenhausen – Study Guide

The university of Kassel-Witzenhausen also provides you with a Study Guide tailored at the needs of international students in Witzenhausen. It provides you with details to the facilities at campus, important contact addresses and much more. You can access the Study Guide here.

#### **21 Exemplary Study Plan**

Depending on your selected profile, you might have to complete a slightly different number of elective and compulsory modules. If you want to see an exemplary study plan for your respective profile, go the University's webpage > degree programmes from A to Z > Agricultural Sciences > Sustainable International Agriculture > Structure or follow this link.

#### 22 List of all SIA Modules with Study Place and Semester

(Gö = Göttingen; WIZ = Witzenhausen; Wi = Winter semester; Su = Summer semester)

|            | semester)   |          |        |  |  |  |
|------------|---|----------|--------|--|--|--|
| Code       | Title   | Semester | Gö/WIZ |  |  |  |
| M.Agr.0009 | Biological Control and Biodiversity   | Wi       | Gö     |  |  |  |
| M.Agr.0056 | Plant breeding methodology and genetic resources                                      | Su       | Gö     |  |  |  |
| M.Agr.0086 | World Agriculture Markets and Trade   | Su       | Gö     |  |  |  |
| M.Agr.0106 | China Economic Development From an agricultural economy to an emerging economy        | Wi       | Gö     |  |  |  |
| M.Agr.0118 | Applied Microeconometrics   | Su       | Gö     |  |  |  |
| M.Agr.0148 | Policy analysis of international agri-<br>environmental schemes                       | Su       | Gö     |  |  |  |
| M.Agr.0151 | Data Analysis with R in Agricultural Economics  | Wi       | Gö     |  |  |  |
| M.Agr.0156 | Microfinance for the Rural Poor - A Business<br>Class                                 | Wi       | Gö     |  |  |  |
| M.Agr.0174 | Plant Health Management in Tropical Crops   | Su       | Gö     |  |  |  |
| M.Agr.0180 | Mineral nutrition of crops under different climate and environmental conditions       | Wi       | Gö     |  |  |  |
| M.Agr.0200 | Machine Learning in Food Economics and Agribusiness                                   | Wi       | Gö     |  |  |  |
| M.Agr.0201 | Dynamic modelling in land use systems   | Su       | Gö     |  |  |  |
| M.FES.321  | Ecopedology of the tropics and subtropics   | Su       | Gö     |  |  |  |
| M.FES.734  | Agroforestry Design Course  | Wi       | WIZ    |  |  |  |
| M.SIA.A02M | Epidemiology of international and tropical animal infectious diseases                 | Wi       | Gö     |  |  |  |
| M.SIA.A03M | International and tropical food microbiology and hygiene                              | Su       | Gö     |  |  |  |
| M.SIA.A04  | Livestock reproduction physiology   | Su       | Gö     |  |  |  |
| M.SIA.A07  | Unconventional livestock and wildlife-<br>management, utilization and conservation    | Su       | WIZ    |  |  |  |
| M.SIA.A08  | Social-ecology in livestock production systems  | Su       | WIZ    |  |  |  |
| M.SIA.A10M | Livestock nutrition and feed evaluation under (sub)tropical conditions                | Wi       | WIZ    |  |  |  |
| M.SIA.A11  | Tropical animal husbandry systems   | Wi       | Gö     |  |  |  |
| M.SIA.A13M | Livestock-based sustainable land use  | Su       | WIZ    |  |  |  |
| M.SIA.A14  | Organic livestock farming under temperate conditions                                  | Su       | WIZ    |  |  |  |
| M.SIA.A15M | Scientific writing in natural sciences  | Wi       | Gö     |  |  |  |
| M.SIA.A17  | Digitalisation in Livestock Systems   | Su       | WIZ    |  |  |  |
| M.SIA.A18  | Grassland-based livestock systems and climate change mitigation                       | Su       | WIZ    |  |  |  |
| M.SIA.A19  | Innovative Sustainable Breeding: Shaping<br>the Future of Global Livestock Production | Su       | WIZ    |  |  |  |
| M.SIA.E02  | Agricultural price theory   | Wi       | Gö     |  |  |  |
| M.SIA.E05M | Marketing research  | Su       | WIZ    |  |  |  |
| M.SIA.E06  | International organic food markets and marketing                                      | Wi       | WIZ    |  |  |  |
| M.SIA.E11  | Socioeconomics of Rural Development and Food Security                                 | Wi       | Gö     |  |  |  |
| M.SIA.E12M | Quantitative Research Methods in Rural Development Economics                          | Su       | Gö     |  |  |  |

| Code                    | Title   | Semester | Gö/WIZ        |
|-------------------------|---|----------|---------------|
| M.SIA.E13M              | Microeconomic Theory and Quantitative   | Wi       | Gö            |
|                         | Methods of Agricultural Production  |          |               |
| M.SIA.E14               | Evaluation of rural development projects  | Su       | Gö            |
| -                       | and policies  |          |               |
| M.SIA.E17M              | Management and management accounting  | Wi       | WIZ           |
| M.SIA.E18               | Organization of food supply chains  | Su       | Gö            |
| M.SIA.E19               | Market integration and price transmission I                                     | Su       | Gö            |
| M.SIA.E21               | Rural Sociology   | Su       | Gö            |
| M.SIA.E24               | Topics in Rural Development Economics I   | Su       | Gö            |
| M.SIA.E31               | Strategic management  | Su       | WIZ           |
| M.SIA.E34               | Economic Valuation of Ecosystem Services  | Wi       | Gö            |
| M.SIA.E37               | Agricultural policy analysis  | Su       | Gö            |
| M.SIA.E38               | Scientific working in Agricultural Economics                                    | Wi       | Gö            |
| M.SIA.E39               | Critical and Collective Perspectives on the                                     | Su       | WIZ           |
| M STA EAO               | Global Food System  | Su       | Gö            |
| M.SIA.E40<br>M.SIA.E41  | Agriculture, Environment and Development<br>EU Policies and Organic Agriculture | Su<br>Su | WIZ           |
| M.SIA.E41<br>M.SIA.E42  | Agriculture, Nutrition and Sustainable food                                     | Su       | GÖ            |
| 11.51A.L42              | systems   | Su       | 00            |
| M.SIA.E45               | Introduction to choice experiments in food                                      | Su       | Gö            |
| INGIAL TJ               | economics   | Su       | 00            |
| M.SIA.E46               | Food Systems Governance and Agriculture   | Wi       | WIZ           |
| M.SIA.E47               | Sustainable food systems and management   | Wi       | WIZ           |
| M.SIA.I02               | Management of (sub-)tropical landuse  | Wi       | WIZ           |
|                         | systems   |          |               |
| M.SIA.103               | Food quality and organic food processing  | Su       | WIZ           |
| M.SIA.I06M              | Exercise on the quality of tropical and   | Wi       | Gö            |
|                         | subtropical products  |          |               |
| M.SIA.107               | International land use systems research -                                       | Wi       | WIZ           |
|                         | an interdisciplinary study tour   |          |               |
| M.SIA.I10M              | Applied statistical modelling   | Su       | WIZ           |
| M.SIA.I11M              | Free Project  | Wi+Su    | Gö+WIZ        |
| M.SIA.I12               | Sustainable International Agriculture basic                                     | Wi       | WIZ           |
| M.SIA.I14M              | principles and approaches<br>GIS and remote sensing in agriculture              | Wi       | WIZ           |
|                         | Sustainable diets   |          | WIZ           |
| M.SIA.I17<br>M.SIA.I19M | Participatory research methods for  | Wi       | WIZ           |
|                         | sustainability  | **1      | <b>₩₩</b> ⊥∠_ |
| M.SIA.I20               | Agriculture and ecosystem services  | Su       | WIZ           |
| M.SIA.I21M              | From conceptualisation to communication   | Su       | Gö            |
|                         | key steps in empirical research   |          |               |
| M.SIA.I23               | Sustainable agricultural practices in   | Wi       | WIZ           |
|                         | Mediterranean regions   |          |               |
| M.SIA.I24               | Modelling climate impacts on  | Su       | WIZ           |
|                         | agroecosystems  |          |               |
| M.SIA.I25               | Engineering software in agriculture and   | Su       | WIZ           |
|                         | livestock farming   |          |               |
| M.SIA.I27               | Postharvest Technology  | Su       | WIZ           |
| M.SIA.I28M              | Unoccupied aerial vehicle (UAV)   | Su       | WIZ           |
| M CTA TOOM              | applications in agriculture   | \A/:     |               |
| M.SIA.I29M              | Research Methods and Data Science in the  | Wi       | WIZ           |
| M STA T20               | Life Sciences   | Su       | WIZ           |
| M.SIA.I30<br>M.SIA.I31  | Organic Agriculture in Europe<br>Sustainable land-use and climate mitigation    | Su<br>Su | WIZ           |
| M.SIA.I31<br>M.SIA.I32  | Biodynamic agriculture  | Su       | WIZ           |
| M.SIA.I32<br>M.SIA.I33  | Food Processing   | Wi       | WIZ           |
|                         | rood rroccooling  | VV I     | ¥¥1∠          |

| Code                | Title  | Semester | Gö/WIZ |
|---------------------|--|----------|--------|
| M.SIA.P01           | Ecology and agroecosystems   | Su       | WIZ    |
| M.SIA.P05           | Organic cropping systems under temperate<br>and (sub)tropical conditions     | Wi       | WIZ    |
| M.SIA.P07           | Soil and plant science   | Wi       | WIZ    |
| M.SIA.P10           | Tropical agro-ecosystem functions  | Su       | Gö     |
| M.SIA.P13           | Agrobiodiversity and plant genetic resources in the tropics                  | Wi       | WIZ    |
| M.SIA.P15M          | Methods and advances in plant protection                                     | Wi       | WIZ    |
| M.SIA.P16M          | Crop Modelling for Risk Management   | Su       | Gö     |
| M.SIA.P19M          | Experimental Techniques in Tropical Agronomy                                 | Su       | Gö     |
| M.SIA.P20           | Plant Nematology   | Su       | WIZ    |
| M.SIA.P21           | Energetic use of agricultural crops and Field forage production              | Wi       | WIZ    |
| M.SIA.P22           | Management of tropical plant production systems                              | Wi       | Gö     |
| M.SIA.P27M          | Nutrient dynamics, experimental design and statistical modelling - bilingual | Su       | Gö     |
| M.SIA.P28           | Digitalization in agriculture  | Wi       | WIZ    |
| M.SIA.P29           | Impact of climate extremes on plant production systems around the globe      | Wi       | Gö     |
| M.SIA.P31           | Biochar for Environmental Management   | Su       | WIZ    |
| M.SIA.P32M          | Soil-Plant interactions.   | Wi       | WIZ    |
| M.SIA.P33M          | Water in the Soil Plant system   | Su       | WIZ    |
| M.SIA.P34           | Nutrient acquisition by plants   | Su       | WIZ    |
| M.WIWI-<br>QMW.0004 | Econometrics I   | Wi+Su    | Gö     |
| M.WIWI-<br>VWL.0008 | Development Economics I Macro Issues in<br>Economic Development              | Wi       | Gö     |
| M.WIWI-<br>VWL.0096 | Essentials of Global Health  | Su       | Gö     |
| M.iPAB.0002         | Breeding schemes and programs in plant and animal breeding                   | Su       | Gö     |

# 23 List of all Modules in Alphabetical Order

| Title  | Code                | Semester | Gö/WIZ |
|--|---------------------|----------|--------|
| Agricultural policy analysis   | M.SIA.E37           | Su       | Gö     |
| Agricultural price theory  | M.SIA.E02           | Wi       | Gö     |
| Agriculture and ecosystem services   | M.SIA.I20           | Su       | WIZ    |
| Agriculture, Environment and Development                                       | M.SIA.E40           | Su       | Gö     |
| Agriculture, Nutrition and Sustainable food systems                            | M.SIA.E42           | Su       | Gö     |
| Agrobiodiversity and plant genetic resources in the tropics                    | M.SIA.P13           | Wi       | WIZ    |
| Agroforestry Design Course   | M.FES.734           | Wi       | WIZ    |
| Applied Microeconometrics  | M.Agr.0118          | Su       | Gö     |
| Applied statistical modelling  | M.SIA.I10M          | Su       | WIZ    |
| Biochar for Environmental Management   | M.SIA.P31           | Su       | WIZ    |
| Biodynamic agriculture   | M.SIA.I32           | Su       | WIZ    |
| Biological Control and Biodiversity  | M.Agr.0009          | Wi       | Gö     |
| Breeding schemes and programs in plant and animal breeding                     | M.iPAB.0002         | Su       | Gö     |
| China Economic Development From an agricultural economy to an emerging economy | M.Agr.0106          | Wi       | Gö     |
| Critical and Collective Perspectives on the Global Food System                 | M.SIA.E39           | Su       | WIZ    |
| Crop Modelling for Risk Management   | M.SIA.P16M          | Su       | Gö     |
| Data Analysis with R in Agricultural Economics                                 | M.Agr.0151          | Wi       | Gö     |
| Development Economics I Macro Issues in<br>Economic Development                | M.WIWI-<br>VWL.0008 | Wi       | Gö     |
| Digitalisation in Livestock Systems  | M.SIA.A17           | Su       | WIZ    |
| Digitalization in agriculture  | M.SIA.P28           | Wi       | WIZ    |
| Dynamic modelling in land use systems  | M.Agr.0201          | Su       | Gö     |
| Ecology and agroecosystems   | M.SIA.P01           | Su       | WIZ    |
| Econometrics I   | M.WIWI-<br>QMW.0004 | Wi+Su    | Gö     |
| Economic Valuation of Ecosystem Services                                       | M.SIA.E34           | Wi       | Gö     |
| Ecopedology of the tropics and subtropics                                      | M.FES.321           | Su       | Gö     |
| Energetic use of agricultural crops and Field forage production                | M.SIA.P21           | Wi       | WIZ    |
| Engineering software in agriculture and livestock farming                      | M.SIA.I25           | Su       | WIZ    |
| Epidemiology of international and tropical animal infectious diseases          | M.SIA.A02M          | Wi       | Gö     |
| Essentials of Global Health  | M.WIWI-<br>VWL.0096 | Su       | Gö     |
| EU Policies and Organic Agriculture  | M.SIA.E41           | Su       | WIZ    |
| Evaluation of rural development projects and policies                          | M.SIA.E14           | Su       | Gö     |
| Exercise on the quality of tropical and subtropical products                   | M.SIA.I06M          | Wi       | Gö     |

| Experimental<br>AgronomyTechniques<br>in<br>TropicalTropical<br>M.SIA.P19MSuGöFood ProcessingM.SIA.I33WiWIZFood quality and organic food processingM.SIA.I03SuWIZFood Systems Governance and AgricultureM.SIA.E46WiWIZ  | Title  | Code       | Semester | Gö/WIZ |
|---|--|------------|----------|--------|
| AgronomyM.SIA.133WiWIZFood ProcessingM.SIA.133WiWIZFood guality and organic food processingM.SIA.103SuWIZFood Systems Governance and AgricultureM.SIA.114WiWIZFree ProjectM.SIA.111MWi+SuGô+WIZFrom conceptualisation to communication keyM.SIA.121MSuGôGIS and remote sensing in agricultureM.SIA.121MWiWIZGrassland-basedlivestock systems andM.SIA.18SuWIZclimate change mitigationImpact of climate extremes on plantM.SIA.A18SuWIZInnovative Sustainable Breeding: Shaping theM.SIA.A19SuGôproduction systems around the globeM.SIA.A19SuGôInnernational and tropical food microbiology<br>and hygieneM.SIA.A03MSuGôInternational and use systems research - an<br>interdisciplinary study tourM.SIA.E06WiWIZIntroduction to choice experiments in food<br>economicsM.SIA.A04SuGôLivestock nutrition and feed evaluation under<br>(sub)tropical conditionsM.SIA.A04SuGôLivestock reproduction physiologyM.SIA.A04SuWIZManagement and management accounting<br>Marketing researchM.SIA.A13MSuWIZManagement of (sub-)tropical landuse<br>systemsM.SIA.E17MWiWIZManagement of tropical plant production<br>Microfinance for the Rural Poor - A BusinessM.Agr.0180WiGôMarketing research   |  |            | Su       | -      |
| Food ProcessingM.SIA.I33WiWIZFood quality and organic food processingM.SIA.103SuWIZFood Systems Governance and AgricultureM.SIA.F111MWi+SuGö+WIZFree ProjectM.SIA.I11MWi+SuGö+WIZFrom conceptualisation to communication key<br>steps in empirical researchM.SIA.111MWiWIZGTS and remote sensing in agricultureM.SIA.A18SuWIZGrassland-basedlivestock systems and<br>production systems around the globeM.SIA.A18SuWIZInnpact of climate extremes on plant<br>production systems around the globeM.SIA.A19SuWIZInternational and tropical food microbiology<br>and hygieneM.SIA.A19SuGöInternational land use systems research - an<br>interdisciplinary study tourM.SIA.A10MWIZGöIntroduction to choice experiments in food<br>cononicsM.SIA.A10MWIZWIZLivestock nutrition and feed evaluation under<br>(sub)tropical conditionsM.SIA.A13MSuWIZLivestock-based sustainable land use<br>management of (sub-)tropical landuseM.SIA.A13MSuWIZManagement of<br>systemsGoM.SIA.E17MWiWIZManagement of tropical plant production<br>marketing researchM.SIA.E17MWiWIZManagement of tropical plant production<br>without and advances in plant protectionM.SIA.E17MWiWIZManagement of tropical plant production<br>wither sand advances in plant protectionM.SIA.E13MWiGöMarketing resear   |  |            |          |        |
| Food Systems Governance and AgricultureM.SIA.E46WiWIZFree ProjectM.SIA.111MWi+SuG6+WIZFrom conceptualisation to communication keyM.SIA.121MSuG6GIS and remote sensing in agricultureM.SIA.114MWiWIZGrassland-basedlivestock systems andM.SIA.A18SuWIZClimate change mitigationM.SIA.A18SuWIZImpact of climate extremes on plantM.SIA.A19SuWIZproduction systems around the globeM.SIA.A19SuWIZInternational and tropical food microbiology<br>and hygieneM.SIA.A19SuG6International land use systems research - an<br>interdisciplinary study tourM.SIA.A10WiWIZIntroduction to choice experiments in food<br>economicsM.SIA.A10WiWIZLivestock nutrition and feed evaluation under<br>(sub)tropical conditionsM.SIA.A11MSuWIZMachine Learning in Food Economics and<br>AgribusinessM.SIA.A13MSuWIZManagement of (sub-)tropical landuse<br>systemsM.SIA.E17MWiWIZManagement of tropical plant production<br>Microfinance for the Rural Poor - A Business<br>ClassM.SIA.E13MWiG6Marketing research<br>Microfinance for the Rural Poor - A Business<br>ClassM.Agr.0180WiG6Microfinance for the Rural Poor - A Business<br>ClassM.Agr.0180WiG6Mineral nutrition of crops under different<br>climate and environmental conditionsM.Agr.0180WiG6Micro   |  | M.SIA.I33  | Wi       | WIZ    |
| Food Systems Governance and AgricultureM.SIA.E46WiWIZFree ProjectM.SIA.111MWi+SuG6+WIZFrom conceptualisation to communication keyM.SIA.121MSuG6GIS and remote sensing in agricultureM.SIA.114MWiWIZGrassland-basedlivestock systems andM.SIA.A18SuWIZClimate change mitigationM.SIA.A18SuWIZImpact of climate extremes on plantM.SIA.A19SuWIZproduction systems around the globeM.SIA.A19SuWIZInternational and tropical food microbiology<br>and hygieneM.SIA.A19SuG6International land use systems research - an<br>interdisciplinary study tourM.SIA.A10WiWIZIntroduction to choice experiments in food<br>economicsM.SIA.A10WiWIZLivestock nutrition and feed evaluation under<br>(sub)tropical conditionsM.SIA.A11MSuWIZMachine Learning in Food Economics and<br>AgribusinessM.SIA.A13MSuWIZManagement of (sub-)tropical landuse<br>systemsM.SIA.E17MWiWIZManagement of tropical plant production<br>Microfinance for the Rural Poor - A Business<br>ClassM.SIA.E13MWiG6Marketing research<br>Microfinance for the Rural Poor - A Business<br>ClassM.Agr.0180WiG6Microfinance for the Rural Poor - A Business<br>ClassM.Agr.0180WiG6Mineral nutrition of crops under different<br>climate and environmental conditionsM.Agr.0180WiG6Micro   |  | M.SIA.I03  | Su       | WIZ    |
| From conceptualisation to communication key<br>steps in empirical researchM.SIA.121MSuGöGIS and remote sensing in agriculture<br>Grassland-based livestock systems and<br>climate change mitigationM.SIA.A18SuWIZImpact of climate extremes on plant<br>production systems around the globeM.SIA.A19SuWIZInnovative Sustainable Breeding: Shaping the<br>Future of Global Livestock ProductionM.SIA.A19SuWIZInternational and tropical food microbiology<br>and hygieneM.SIA.A03MSuGöInternational land use systems research - an<br>interdisciplinary study tourM.SIA.A03MSuGöIntroduction to choice experiments in food<br>economicsM.SIA.A04SuGöLivestock nutrition and feed evaluation under<br>(sub)tropical conditionsM.SIA.A13MSuWIZManagement of<br>systemsM.SIA.A13MSuWIZGöAgribusiness<br>Management of<br>(sub-)tropical landuseM.SIA.A13MSuWIZManagement of<br>systemsM.SIA.E17MWiWIZMarket integration and price transmission I<br>Microecnomic Theory and Quantitative<br>Market integration and price transmission I<br>Microecnomic Theory and Quantitative<br>Microecnomic Theory  |  | M.SIA.E46  | Wi       | WIZ    |
| steps in empirical research<br>GIS and remote sensing in agriculture<br>Gassland-based livestock systems and<br>M.SIA.A18<br>Su<br>WIZ<br>Grassland-based livestock systems and<br>Impact of climate extremes on plant<br>Impact of climate extremes on plant<br>Impact of climate extremes on plant<br>Impact of climate extremes on plant<br>International systems around the globe<br>Innovative Sustainable Breeding: Shaping the<br>N.SIA.A19<br>Su<br>WIZ<br>WIZ<br>Su<br>WIZ<br>M.SIA.A19<br>Su<br>WIZ<br>M.SIA.A19<br>Su<br>WIZ<br>M.SIA.A19<br>WIZ<br>M.SIA.A03M<br>Su<br>Gö<br>and hygiene<br>International and tropical food microbiology<br>and hygiene<br>International and use systems research - an<br>International organic food markets and<br>M.SIA.E06<br>WI<br>M.SIA.E06<br>WI<br>WIZ<br>marketing<br>Introduction to choice experiments in food<br>Livestock nutrition and feed evaluation under<br>Livestock nutrition and feed evaluation under<br>Livestock nutrition and feed evaluation under<br>M.SIA.A10M<br>WI<br>Su<br>Machine Learning in Food Economics and<br>M.SIA.A13M<br>Su<br>WIZ<br>Management of (sub-)tropical landuse<br>M.SIA.E17M<br>Wi<br>WIZ<br>Management of tropical plant production<br>Market integration and price transmission 1<br>Market integration and | Free Project                                 | M.SIA.I11M | Wi+Su    | Gö+WIZ |
| GIS and remote sensing in agricultureM.SIA.114MWiWIZGrassland-based livestock systems and<br>climate change mitigationM.SIA.A18SuWIZImpact of climate extremes on plant<br>production systems around the globeM.SIA.P29WiGöInnovative Sustainable Breeding: Shaping the<br>Future of Global Livestock Production<br>International and tropical food microbiology<br>and hygieneM.SIA.A03MSuGöInternational land use systems research - an<br>interdisciplinary study tourM.SIA.E06WiWIZInternational organic food markets and<br>economicsM.SIA.A03MSuGöLivestock nutrition and feed evaluation under<br>(sub)tropical conditionsM.SIA.A04SuGöLivestock reproduction physiologyM.SIA.A13MSuWIZManagement of<br>systemsM.SIA.A04SuGöManagement of<br>systemsM.SIA.E17MWiWIZManagement of<br>systemsM.SIA.E17MWiWIZManagement of tropical plant production<br>Microenonmic Theory and Quantitative<br>Microeconomic Theory and   |  | M.SIA.I21M | Su       | Gö     |
| Grassland-basedlivestocksystemsandM.SIA.A18SuWIZclimate change mitigationImpact of climate extremes on plantM.SIA.P29WiGöproduction systems around the globeM.SIA.A19SuWIZFuture of Global Livestock ProductionM.SIA.A03MSuGöInternational and tropical food microbiologyM.SIA.A03MSuGöand hygieneM.SIA.M03MSuGöInternational land use systems research - anM.SIA.E06WiWIZInternational organic food markets and<br>marketingM.SIA.E45SuGöIntroduction to choice experiments in food<br>(sub)tropical conditionsM.SIA.A10MWiWIZLivestock nutrition and feed evaluation under<br>(sub)tropical conditionsM.SIA.A13MSuWIZMachine Learning in Food Economics and<br>AgribusinessM.SIA.A13MSuWIZManagement of (sub-)tropical landuse<br>Market integration and price transmission I<br>Marketing researchM.SIA.P22WiGöMarketing researchM.SIA.P15MWiWIZMicroeconomic Theory and Quantitative<br>Methods and advances in plant protection<br>Microfinance for the Rural Poor - A BusinessM.SIA.P13MWiGöMineral nutrition of crops under different<br>ClassM.Agr.0180WiGöMineral nutrition of crops under different<br>ClassM.SIA.P24SuWIZMicrofinance for the Rural Poor - A Business<br>Modeling climate impacts on agroecosystemsM.SIA.P24SuWIZMiteria quavisition by  |  | M.SIA.I14M | Wi       | WIZ    |
| Impact of climate extremes on plantM.SIA.P29WiGöproduction systems around the globeM.SIA.A19SuWIZInnovative Sustainable Breeding: Shaping theM.SIA.A19SuWIZFuture of Global Livestock ProductionM.SIA.A03MSuGöand hygieneM.SIA.A03MSuGöInternational and tropical food microbiologyM.SIA.A03MSuGöInternational organic food markets andM.SIA.E06WiWIZInternational organic food markets andM.SIA.E06WiWIZIntroduction to choice experiments in foodM.SIA.A10MWiWIZ(sub)tropical conditionsM.SIA.A04SuGöLivestock nutrition and feed evaluation underM.SIA.A04SuGö(sub)tropical conditionsM.SIA.A13MSuWIZMachine Learning in Food Economics andM.Agr.0200WiGöAgribusinessM.SIA.E17MWiWIZManagement of (sub-)tropical landuseM.SIA.E17MWiWIZManagement of tropical plant productionM.SIA.E19SuGöMarketing researchM.SIA.E13MWiWIZMethods and advances in plant protectionM.SIA.E13MWiWIZMicrofinance for the Rural Poor - A BusinessM.Agr.0180WiGöMineral nutrition of crops under differentM.Agr.0180WiGöMineral nutrition of crops under differentM.Agr.0180WiGöMicrofinance for the Rural Poor - A BusinessM.SIA.P3  | Grassland-based livestock systems and        | M.SIA.A18  |          |        |
| Innovative Sustainable Breeding: Shaping the<br>Future of Global Livestock ProductionM.SIA.A19SuWIZFuture of Global Livestock ProductionM.SIA.A03MSuGöInternational and tropical food microbiology<br>and hygieneM.SIA.A03MSuGöInternational land use systems research - an<br>interdisciplinary study tourM.SIA.E06WiWIZInternational organic food markets and<br>economicsM.SIA.E06WiWIZIntroduction to choice experiments in food<br>economicsM.SIA.A10MWiWIZLivestock nutrition and feed evaluation under<br>(sub)tropical conditionsM.SIA.A04SuGöLivestock reproduction physiologyM.SIA.A04SuWIZMachine Learning in Food Economics and<br>AgribusinessM.SIA.E17MWiWIZManagement and management accounting<br>systemsM.SIA.I02WiGöMarketing researchM.SIA.E05MSuWIZMarketing researchM.SIA.E17MWiWIZMethods and advances in plant protection<br>Microfinance for the Rural Poor - A BusinessM.Agr.0156WiGöMineral nutrition of crops under different<br>climate and environmental conditionsM.SIA.P17MWiGöMineral nutrition of crops under different<br>climate and environmental conditionsM.SIA.P27MSuWiZNutrient dynamics, experimental design and<br>statistical modelling - bilingualM.SIA.P27MSuWiZ   | Impact of climate extremes on plant          | M.SIA.P29  | Wi       | Gö     |
| and hygieneWiWIZInternational land use systems research - an<br>interdisciplinary study tourM.SIA.IO7WiWIZInternational organic food markets and<br>marketingM.SIA.E06WiWIZIntroduction to choice experiments in food<br>economicsM.SIA.E45SuGöLivestock nutrition and feed evaluation under<br>(sub)tropical conditionsM.SIA.A10MWiWIZLivestock reproduction physiologyM.SIA.A04SuGöLivestock-based sustainable land useM.SIA.A13MSuWIZMachine Learning in Food Economics and<br>AgribusinessM.SIA.E17MWiWIZManagement and management accounting<br>management of (sub-)tropical landuse<br>systemsM.SIA.I02WiWIZManagement of tropical plant production<br>Microeconomic Theory and Quantitative<br>Methods and advances in plant protection<br>Microfinance for the Rural Poor - A Business<br>Microfinance for the Rural Poor - A Business<br>MisIA.P124WiGöMineral nutrition of crops under different<br>climate and environmental conditionsM.SIA.P27MSuWIZNutrient dynamics, experimental design and<br>statistical modelling - b  | Innovative Sustainable Breeding: Shaping the | M.SIA.A19  | Su       | WIZ    |
| International land use systems research - an<br>interdisciplinary study tourM.SIA.I07WiWIZ<br>interdisciplinary study tourInternational organic food markets and<br>marketingM.SIA.E06WiWIZIntroduction to choice experiments in food<br>economicsM.SIA.E45SuGöLivestock nutrition and feed evaluation under<br>(sub)tropical conditionsM.SIA.A10MWiWIZLivestock reproduction physiology<br>Marketine Learning in Food Economics and<br>  |  | M.SIA.A03M | Su       | Gö     |
| International organic food markets and<br>marketingM.SIA.E06WiWIZmarketingIntroduction to choice experiments in food<br>economicsM.SIA.E45SuGöLivestock nutrition and feed evaluation under<br>(sub)tropical conditionsM.SIA.A10MWiWIZLivestock reproduction physiologyM.SIA.A04SuGöLivestock-based sustainable land useM.SIA.A13MSuWIZMachine Learning in Food Economics and<br>AgribusinessM.SIA.E17MWiWIZManagement and management accounting<br>Management of (sub-)tropical landuseM.SIA.I02WiGöMarket integration and price transmission I<br>Methods and advances in plant production<br>Microfinance for the Rural Poor - A BusinessM.SIA.E13MWiWIZMicrofinance for the Rural Poor - A Business<br>Modelling climate impacts on agroecosystemsM.SIA.124SuWiZNutrient dynamics, experimental design and<br>statistical modelling - bilingualM.SIA.P27MSuGö   | International land use systems research - an | M.SIA.I07  | Wi       | WIZ    |
| Introduction to choice experiments in food<br>economicsM.SIA.E45SuGöLivestock nutrition and feed evaluation under<br>(sub)tropical conditionsM.SIA.A10MWiWIZLivestock nutrition and feed evaluation under<br>(sub)tropical conditionsM.SIA.A04SuGöLivestock reproduction physiologyM.SIA.A04SuGöLivestock-based sustainable land useM.SIA.A13MSuWIZMachine Learning in Food Economics and<br>AgribusinessM.Agr.0200WiGöManagement and management accounting<br>Management of (sub-)tropical landuse<br>systemsM.SIA.E17MWiWIZManagement of tropical plant production<br>Market integration and price transmission I<br>Methods and advances in plant protection<br>Methods of Agricultural Production<br>Microfinance for the Rural Poor - A Business<br>ClassM.Agr.0156WiGöMineral nutrition of crops under different<br>climate and environmental conditionsM.SIA.I24SuWIZModelling climate impacts on agroecosystemsM.SIA.P27MSuWiZNutrient dynamics, experimental design and<br>statistical modelling - bilingualM.SIA.P27MSuGö   | International organic food markets and       | M.SIA.E06  | Wi       | WIZ    |
| Livestock nutrition and feed evaluation under<br>(sub)tropical conditionsM.SIA.A10MWiWIZ(sub)tropical conditionsM.SIA.A04SuGöLivestock reproduction physiologyM.SIA.A04SuWIZMachine Learning in Food Economics and<br>AgribusinessM.Agr.0200WiGöManagement and management accounting<br>Management of (sub-)tropical landuse<br>systemsM.SIA.E17MWiWIZManagement of tropical plant production<br>systemsM.SIA.E12WiGöMarket integration and price transmission I<br>Methods and advances in plant protection<br>Microfinance for the Rural Poor - A Business<br>ClassM.Agr.0156WiGöMineral nutrition of crops under different<br>climate and environmental conditionsM.SIA.I24SuWIZModelling climate impacts on agroecosystemsM.SIA.P27MSuGöMutrient dynamics, experimental design and<br>statistical modelling - bilingualM.SIA.P27MSuGö   | Introduction to choice experiments in food   | M.SIA.E45  | Su       | Gö     |
| Livestock reproduction physiology M.SIA.A04 Su Gö<br>Livestock-based sustainable land use M.SIA.A13M Su WIZ<br>Machine Learning in Food Economics and M.Agr.0200 Wi Gö<br>Agribusiness<br>Management and management accounting M.SIA.E17M Wi WIZ<br>Management of (sub-)tropical landuse M.SIA.I02 Wi WIZ<br>systems<br>Management of tropical plant production M.SIA.P22 Wi Gö<br>systems<br>Market integration and price transmission I M.SIA.E19 Su Gö<br>Marketing research M.SIA.E05M Su WIZ<br>Methods and advances in plant protection M.SIA.P15M Wi WIZ<br>Microeconomic Theory and Quantitative M.SIA.E13M Wi Gö<br>Methods of Agricultural Production<br>Microfinance for the Rural Poor - A Business M.Agr.0156 Wi Gö<br>Class<br>Mineral nutrition of crops under different M.Agr.0180 Wi Gö<br>climate and environmental conditions<br>Modelling climate impacts on agroecosystems M.SIA.P34 Su WIZ<br>Nutrient acquisition by plants M.SIA.P27M Su Gö<br>statistical modelling - bilingual  |  | M.SIA.A10M | Wi       | WIZ    |
| Livestock-based sustainable land use M.SIA.A13M Su WIZ<br>Machine Learning in Food Economics and M.Agr.0200 Wi Gö<br>Agribusiness<br>Management and management accounting M.SIA.E17M Wi WIZ<br>Management of (sub-)tropical landuse M.SIA.I02 Wi WIZ<br>systems<br>Management of tropical plant production M.SIA.P22 Wi Gö<br>systems<br>Market integration and price transmission I M.SIA.E19 Su Gö<br>Marketing research M.SIA.E05M Su WIZ<br>Methods and advances in plant protection M.SIA.P15M Wi WIZ<br>Microeconomic Theory and Quantitative M.SIA.E13M Wi Gö<br>Methods of Agricultural Production<br>Microfinance for the Rural Poor - A Business M.Agr.0156 Wi Gö<br>Class<br>Mineral nutrition of crops under different M.SIA.I24 Su WIZ<br>Nutrient acquisition by plants M.SIA.P34 Su WIZ<br>Nutrient dynamics, experimental design and M.SIA.P27M Su Gö<br>statistical modelling - bilingual  |  | M.SIA.A04  | Su       | Gö     |
| AgribusinessManagement and management accountingM.SIA.E17MWiWIZManagement of (sub-)tropical landuseM.SIA.I02WiWIZsystemsSystemsSystemsGöManagement of tropical plant productionM.SIA.P22WiGöMarket integration and price transmission IM.SIA.E19SuGöMarketing researchM.SIA.E05MSuWIZMethods and advances in plant protectionM.SIA.E13MWiWiMicroeconomic Theory and QuantitativeM.SIA.E13MWiGöMicrofinance for the Rural Poor - A BusinessM.Agr.0156WiGöClassMineral nutrition of crops under differentM.Agr.0180WiGöModelling climate impacts on agroecosystemsM.SIA.I24SuWIZNutrient acquisition by plantsM.SIA.P34SuWIZNutrient dynamics, experimental design and<br>statistical modelling - bilingualM.SIA.P27MSuGö   |  | M.SIA.A13M | Su       | WIZ    |
| Management and management accountingM.SIA.E17MWiWIZManagement of (sub-)tropical landuseM.SIA.I02WiWIZsystemsManagement of tropical plant productionM.SIA.P22WiGöMarket integration and price transmission IM.SIA.E19SuGöMarketing researchM.SIA.E05MSuWIZMethods and advances in plant protectionM.SIA.P15MWiWIZMicroeconomicTheory and QuantitativeM.SIA.E13MWiGöMethods of Agricultural ProductionM.Agr.0156WiGöMineral nutrition of crops under different<br>climate and environmental conditionsM.SIA.I24SuWIZNutrient acquisition by plantsM.SIA.P34SuWIZNutrient dynamics, experimental design and<br>statistical modelling - bilingualM.SIA.P27MSuGö   | -  | M.Agr.0200 | Wi       | Gö     |
| Managementof(sub-)tropicallanduseM.SIA.I02WiWIZsystemsManagementoftropicalplantproductionM.SIA.P22WiGöMarketintegration and price transmission IM.SIA.E19SuGöMarketing researchM.SIA.E05MSuWIZMethods and advances in plant protectionM.SIA.P15MWiWIZMicroeconomicTheoryandQuantitativeM.SIA.E13MWiGöMethods of Agricultural ProductionM.SIA.E13MWiGöGöMicrofinance for the Rural Poor - A BusinessM.Agr.0156WiGöClassMineral nutrition of crops under different<br>climate and environmental conditionsM.SIA.I24SuWIZNutrient acquisition by plantsM.SIA.P34SuWIZNutrient dynamics, experimental design and<br>statistical modelling - bilingualM.SIA.P27MSuGö   | Management and management accounting         | M.SIA.E17M | Wi       | WIZ    |
| Management of tropical plant production<br>systemsM.SIA.P22WiGöMarket integration and price transmission I<br>Market integration and price transmission IM.SIA.E19SuGöMarketing researchM.SIA.E05MSuWIZMethods and advances in plant protectionM.SIA.P15MWiWIZMicroeconomic<br>Methods of Agricultural ProductionM.SIA.E13MWiGöMicrofinance for the Rural Poor - A Business<br>ClassM.Agr.0156WiGöMineral nutrition of crops under different<br>climate and environmental conditionsM.SIA.I24SuWIZNutrient acquisition by plantsM.SIA.P34SuWIZNutrient dynamics, experimental design and<br>statistical modelling - bilingualM.SIA.P27MSuGö   | Management of (sub-)tropical landuse         | M.SIA.I02  | Wi       | WIZ    |
| Marketing researchM.SIA.E05MSuWIZMethods and advances in plant protectionM.SIA.P15MWiWIZMicroeconomicTheoryandQuantitativeM.SIA.E13MWiGöMethods of Agricultural ProductionM.SIA.E13MWiGöGöMicrofinance for the Rural Poor - A BusinessM.Agr.0156WiGöClassMineral nutrition of crops under differentM.Agr.0180WiGöModelling climate impacts on agroecosystemsM.SIA.I24SuWIZNutrient acquisition by plantsM.SIA.P34SuWIZNutrient dynamics, experimental design andM.SIA.P27MSuGöstatistical modelling - bilingualSiSiGö   |  | M.SIA.P22  | Wi       | Gö     |
| Methods and advances in plant protectionM.SIA.P15MWiWIZMicroeconomic Theory and QuantitativeM.SIA.E13MWiGöMethods of Agricultural ProductionM.Agr.0156WiGöMicrofinance for the Rural Poor - A BusinessM.Agr.0156WiGöClassMineral nutrition of crops under differentM.Agr.0180WiGöModelling climate impacts on agroecosystemsM.SIA.I24SuWIZNutrient acquisition by plantsM.SIA.P34SuWIZNutrient dynamics, experimental design andM.SIA.P27MSuGö  | Market integration and price transmission I  | M.SIA.E19  | Su       | Gö     |
| MicroeconomicTheoryandQuantitativeM.SIA.E13MWiGöMethods of Agricultural ProductionMicrofinance for the Rural Poor - A BusinessM.Agr.0156WiGöClassMineral nutrition of crops under different<br>climate and environmental conditionsM.Agr.0180WiGöModelling climate impacts on agroecosystemsM.SIA.I24SuWIZNutrient acquisition by plantsM.SIA.P34SuWIZNutrient dynamics, experimental design and<br>statistical modelling - bilingualM.SIA.P27MSuGö   | Marketing research                           | M.SIA.E05M | Su       | WIZ    |
| Methods of Agricultural ProductionM.Agr.0156WiGöMicrofinance for the Rural Poor - A BusinessM.Agr.0156WiGöClassMineral nutrition of crops under differentM.Agr.0180WiGöClimate and environmental conditionsM.SIA.I24SuWIZModelling climate impacts on agroecosystemsM.SIA.I24SuWIZNutrient acquisition by plantsM.SIA.P34SuWIZNutrient dynamics, experimental design andM.SIA.P27MSuGöstatistical modelling - bilingualSiSiSi   | Methods and advances in plant protection     | M.SIA.P15M | Wi       | WIZ    |
| Class<br>Mineral nutrition of crops under different M.Agr.0180 Wi Gö<br>climate and environmental conditions<br>Modelling climate impacts on agroecosystems M.SIA.I24 Su WIZ<br>Nutrient acquisition by plants M.SIA.P34 Su WIZ<br>Nutrient dynamics, experimental design and M.SIA.P27M Su Gö<br>statistical modelling - bilingual   | , -  | M.SIA.E13M | Wi       | Gö     |
| climate and environmental conditions<br>Modelling climate impacts on agroecosystems M.SIA.I24 Su WIZ<br>Nutrient acquisition by plants M.SIA.P34 Su WIZ<br>Nutrient dynamics, experimental design and M.SIA.P27M Su Gö<br>statistical modelling - bilingual   |  | M.Agr.0156 | Wi       | Gö     |
| Nutrient acquisition by plantsM.SIA.P34SuWIZNutrient dynamics, experimental design andM.SIA.P27MSuGöstatistical modelling - bilingualSuSuSu   | •  | M.Agr.0180 | Wi       | Gö     |
| Nutrient dynamics, experimental design and M.SIA.P27M Su Gö<br>statistical modelling - bilingual  | Modelling climate impacts on agroecosystems  | M.SIA.I24  | Su       | WIZ    |
| statistical modelling - bilingual   | Nutrient acquisition by plants               | M.SIA.P34  | Su       | WIZ    |
|   |  | M.SIA.P27M | Su       | Gö     |
|   |  | M.SIA.I30  | Su       | WIZ    |
| Title  | Code       | Semester | Gö/WIZ |
|--|------------|----------|--------|
| Organic cropping systems under temperate and (sub)tropical conditions              | M.SIA.P05  | Wi       | WIZ    |
| Organic livestock farming under temperate conditions                               | M.SIA.A14  | Su       | WIZ    |
| Organization of food supply chains   | M.SIA.E18  | Su       | Gö     |
| Participatory research methods for sustainability                                  | M.SIA.I19M | Wi       | WIZ    |
| Plant breeding methodology and genetic resources                                   | M.Agr.0056 | Su       | Gö     |
| Plant Health Management in Tropical Crops  | M.Agr.0174 | Su       | Gö     |
| Plant Nematology   | M.SIA.P20  | Su       | WIZ    |
| Policy analysis of international agri-<br>environmental schemes                    | M.Agr.0148 | Su       | Gö     |
| Postharvest Technology   | M.SIA.I27  | Su       | WIZ    |
| Quantitative Research Methods in Rural Development Economics                       | M.SIA.E12M | Su       | Gö     |
| Research Methods and Data Science in the Life Sciences                             | M.SIA.I29M | Wi       | WIZ    |
| Rural Sociology  | M.SIA.E21  | Su       | Gö     |
| Scientific working in Agricultural Economics                                       | M.SIA.E38  | Wi       | Gö     |
| Scientific writing in natural sciences   | M.SIA.A15M | Wi       | Gö     |
| Social-ecology in livestock production systems                                     | M.SIA.A08  | Su       | WIZ    |
| Socioeconomics of Rural Development and Food Security                              | M.SIA.E11  | Wi       | Gö     |
| Soil and plant science   | M.SIA.P07  | Wi       | WIZ    |
| Soil-Plant interactions.   | M.SIA.P32M | Wi       | WIZ    |
| Strategic management   | M.SIA.E31  | Su       | WIZ    |
| Sustainable agricultural practices in Mediterranean regions                        | M.SIA.I23  | Wi       | WIZ    |
| Sustainable diets  | M.SIA.I17  | Wi       | WIZ    |
| Sustainable food systems and management  | M.SIA.E47  | Wi       | WIZ    |
| Sustainable International Agriculture basic principles and approaches              | M.SIA.I12  | Wi       | WIZ    |
| Sustainable land-use and climate mitigation  | M.SIA.I31  | Su       | WIZ    |
| Topics in Rural Development Economics I  | M.SIA.E24  | Su       | Gö     |
| Tropical agro-ecosystem functions  | M.SIA.P10  | Su       | Gö     |
| Tropical animal husbandry systems  | M.SIA.A11  | Wi       | Gö     |
| Unconventional livestock and wildlife-<br>management, utilization and conservation | M.SIA.A07  | Su       | WIZ    |
| Unoccupied aerial vehicle (UAV) applications in agriculture                        | M.SIA.I28M | Su       | WIZ    |
| Water in the Soil Plant system   | M.SIA.P33M | Su       | WIZ    |
| World Agriculture Markets and Trade  | M.Agr.0086 | Su       | Gö     |

# 24 Modules

At least 120 C must be successfully completed within the following regulations in order to pass the Master's degree (**Wi = winter semester; Su = summer semester).** 

#### 24.1 Specialisation Profiles

At least 90 C must be successfully completed within a specialisation/profile.

#### 24.1.1 Profile "International Agribusiness and Rural Development Economics"

**Compulsory modules:** The following four modules (24 C) must be completed:

| M.Agr.0086         | World agriculture markets and trade                                    | Su, Gö         |
|--------------------|--|----------------|
| M.SIA.E11          | Socioeconomics of rural development and food security                  | Wi, Gö         |
| M.SIA.I12          | Sustainable international agriculture: basic principles and approaches | Wi,<br>WIZ     |
| M.WIW-<br>QMW.0004 | Econometrics I   | Wi &<br>Su, Gö |

**Elective compulsory modules:** five modules (30 C) must be completed and at least one module has to be on learning work methods with code M.

| M.Agr.0148 | Policy Analysis of International Agri-environmental Schemes              | Su, Gö  |
|------------|--|---------|
| M.Agr.0200 | Machine Learning in Food Economics and Agribusiness                      | Wi, Gö  |
| M.Agr.0201 | Dynamic modelling in land use systems                                    | Su, Gö  |
| M.SIA.E05M | Marketing research   | Su, WIZ |
| M.SIA.E12M | Quantitative research methods in rural development economics             | Su, Gö  |
| M.SIA.E13M | Microeconomic theory and quantitative methods of agricultural production | Wi, Gö  |
| M.SIA.E14  | Evaluation of rural development projects and policies                    | Su, Gö  |
| M.SIA.E18  | Organization of food supply chains                                       | Su, Gö  |
| M.SIA.E21  | Rural sociology  | Su, WIZ |
| M.SIA.E24  | Topics in rural development economics I                                  | Su, Gö  |
| M.SIA.E31  | Strategic management   | Su, WIZ |
| M.SIA.E34  | Economic valuation of ecosystem services                                 | Wi, Gö  |

| M.SIA.E37           | Agricultural policy analysis                                  | every<br>2 <sup>nd</sup> Su,<br>Gö |
|---------------------|---|------------------------------------|
| M.SIA.E38           | Scientific writing in Agricultural Economics                  | Wi, Gö                             |
| M.SIA.E40           | Agriculture, Environment and Development                      | Su, Gö                             |
| M.SIA.E47           | Sustainable food systems and management                       | Wi, WIZ                            |
| SIA.I19M            | Participatory research methods for sustainability             | Wi, WIZ                            |
| M.WIWI-<br>VWL.0008 | Development Economics I: Macro Issues in Economic Development | Wi, Gö                             |

**Elective modules**: From the following modules (or the so far not chosen mandatory modules of the degree programme), six elective modules must be completed (36 C). B-level language courses totaling 6 C may be considered as electives once, provided that the course is not English or the student's native language.

| M.Agr.0106 | China Economic Development. From an Agricultural Economy to an Emerging Economy    | Wi, Gö                           |
|------------|--|----------------------------------|
| M.Agr.0118 | Applied Microeconometrics  | Su, Gö                           |
| M.Agr.0151 | Data Analysis with R in Agricultural Economics                                     | Wi, Gö                           |
| M.Agr.0156 | Microfinance for the Rural Poor. A Business Class                                  | Wi, Gö                           |
| M.FES.734  | Agroforestry Design Course   | Wi, Gö                           |
| M.SIA.A07  | Unconventional livestock and wildlife-management, utilization and conservation     | every 2 <sup>nd</sup><br>Su, WIZ |
| M.SIA.A08  | Social-ecology in livestock production systems                                     | every 2 <sup>nd</sup><br>Su, WIZ |
| M.SIA.A11  | Tropical animal husbandry systems  | Wi, Gö                           |
| M.SIA.A14  | Organic livestock farming under temperate conditions                               | Su, WIZ                          |
| M.SIA.A19  | Innovative Sustainable Breeding: Shaping the Future of Global Livestock Production | Su, WIZ                          |
| M.SIA.E02  | Agricultural price theory  | Wi, Gö                           |
| M.SIA.E06  | International organic food markets and marketing                                   | Wi, WIZ                          |
| M.SIA.E17M | Management and management accounting   | Wi, WIZ                          |
| M.SIA.E19  | Market integration and price transmission I  | every 2 <sup>nd</sup><br>Su, Gö  |
| M.SIA.E39  | Critical and Collective Perspectives on the Global Food System                     | Su, WIZ                          |
| M.SIA.E40  | Agriculture, Environment and Development   | Su, Gö                           |
| M.SIA.E41  | EU Policies and Organic Agriculture  | Su, WIZ                          |
| M.SIA.E42  | Agriculture, Nutrition and Sustainable food systems                                | Su, Gö                           |
| M.SIA.E45  | Introduction to choice experiments in food economics                               | Su, Gö                           |

| M.SIA.E46           | Food Systems Governance and Agriculture   | Wi, WIZ                          |
|---------------------|---|----------------------------------|
| M.SIA.I02           | Management of (sub-) tropical landuse systems   | Wi, WIZ                          |
| M.SIA.I03           | Food quality and organic food processing  | Su, WIZ                          |
| M.SIA.107           | International land use systems research - an interdisciplinary study tour (every second semester) | Wi, WIZ                          |
| M.SIA.I11M          | Free Project  | Wi/Su,<br>Gö/WIZ                 |
| M.SIA.I14M          | GIS and remote sensing in agriculture   | Wi, WIZ                          |
| M.SIA.I17           | Sustainable diets   | Wi, WIZ                          |
| M.SIA.I20           | Agriculture and ecosystem services  | Su, WIZ                          |
| M.SIA.I21M          | From conceptualisation to communication: key steps in empirical research                          | Su, Gö                           |
| M.SIA.I23           | Sustainable agricultural practices in Mediterranean regions                                       | Wi, Gö                           |
| M.SIA.I24           | Modelling climate impacts on agroecosystems   | Su, WIZ                          |
| M.SIA.I27           | Postharvest Technology  | Su, WIZ                          |
| M.SIA.I30           | Organic Agriculture in Europe   | Wi, WIZ                          |
| M.SIA.I31           | Sustainable land-use and climate mitigation   | Su, WIZ                          |
| M.SIA.I33           | Food Processing   | Wi, WIZ                          |
| M.SIA.P05           | Organic cropping systems under temperate and (sub)tropical conditions                             | Wi, WIZ                          |
| M.SIA.P21           | Energetic use of agricultural crops and Field forage production                                   | Every 2 <sup>nd</sup><br>Wi, WIZ |
| M.SIA.P22           | Management of tropical plant production systems   | Wi, Gö                           |
| M.SIA.P28           | Digitilization in agriculture   | Wi, WIZ                          |
| M.SIA.P29           | Impact of climate extremes on plant production systems around the globe                           | Wi, Gö                           |
| M.SIA.P32M          | Soil-Plant interactions   | Wi, WIZ                          |
| M.WIWI-<br>VWL.0096 | Essentials of Global Health   | Su, Gö                           |
|                     |   |                                  |

### 24.1.2

# 24.1.2 Profile "International Organic Agriculture"

**Compulsory modules:** The following four modules and the bridging module (P07) must be completed (30 C).

| M.SIA.A14  | Organic livestock farming under temperate conditions                   | Su, WIZ |
|------------|--|---------|
| M.SIA.I10M | Applied statistical modelling  | Su, WIZ |
| M.SIA.I12  | Sustainable international agriculture: basic principles and approaches | Wi, WIZ |
| M.SIA.P05  | Organic cropping systems under temperate and (sub)tropical conditions  | Wi, WIZ |
| M.SIA.P07  | Soil and plant science   | Wi, WIZ |

**Elective compulsory modules:** From the following modules, four modules (24 C) must be completed and at least one module is on learning work methods with code M and one economics with Code E.

| M.Agr.0009 | Biological Control and Biodiversity                                    | Wi, Gö  |
|------------|--|---------|
| M.Agr.0056 | Plant Breeding Methodology and Genetic Resources                       | Su, Gö  |
| M.FES.734  | Agroforestry Design Course   | Wi, Gö  |
| M.SIA.A08  | Social-ecology in livestock production systems                         | Su, WIZ |
| M.SIA.A10M | Livestock nutrition and feed evaluation under (sub)tropical conditions | Wi, WIZ |
| M.SIA.E06  | International organic food markets and marketing                       | Wi, WIZ |
| M.SIA.E11  | Socioeconomics of rural development and food security                  | Wi, Gö  |
| M.SIA.E21  | Rural sociology  | Su, WIZ |
| M.SIA.E41  | EU Policies and Organic Agriculture                                    | Su, WIZ |
| M.SIA.I03  | Food quality and organic food processing                               | Su, WIZ |
| M.SIA.I14M | GIS and remote sensing in agriculture                                  | Wi, WIZ |
| M.SIA.I17  | Sustainable diets  | Wi, WIZ |
| M.SIA.I19M | Participatory research methods for sustainability                      | Wi, WIZ |
| M.SIA.I20  | Agriculture and ecosystem services                                     | Su, WIZ |
| M.SIA.I30  | Organic Agriculture in Europe  | Wi, WIZ |
| M.SIA.I32  | Biodynamic agriculture   | Su, WIZ |
| M.SIA.P01  | Ecology and agroecosystems   | Su, WIZ |
| M.SIA.P13  | Agrobiodiversity and plant genetic resources in the tropics            | Wi, WIZ |
| M.SIA.P15M | Methods and advances in plant protection                               | Wi, WIZ |
| M.SIA.P16M | Crop modelling for risk management                                     | Su, Gö  |

| M.SIA.P20  | Plant nematology        | Su, WIZ |
|------------|-------------------------|---------|
| M.SIA.P32M | Soil-Plant interactions | Wi, WIZ |

**Elective modules:** From the following modules (or the so far not chosen mandatory modules of the degree programme) six elective modules must be completed (36 C). B-level language courses totaling 6C may be considered as electives once, provided that the course is not English or the student's native language.

| M.Agr.0086World agriculture markets and tradeSu, GöM.Agr.0148Policy analysis of international agri-environmental<br>schemesSu, GöM.Agr.0156Microfinance for the Rural Poor: A Business ClassWi, GöM.Agr.0174Plant Health Management in Tropical CropsSu, GöM.Agr.0200Machine Learning in Food Economics and AgribusinessWi, GöM.Agr.0201Dynamic modelling in land use systemsSO, GöM.FES.321Ecopedology of the tropics and subtropicsSu, GöM.SIA.A02MEpidemiology of international and tropical animal<br>infectious diseasesWi, GöM.SIA.A03International and tropical food microbiology and<br>hygieneSu, GöM.SIA.A04Livestock reproduction physiologySu, GöM.SIA.A07Unconventional livestock and wildlife-management,<br>utilization and conservationevery 2 <sup>nd</sup><br>Su, WIZM.SIA.A11Tropical animal husbandry systemsWi, GöM.SIA.A13MLivestock-based sustainable land useSu, WIZM.SIA.A13MGrassland-based livestock systems and climate change<br>mitigationSu, WIZM.SIA.A18Grassland-based livestock systems and climate change<br>Global Livestock ProductionSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E03Marketing researchSu, WIZM.SIA.E04Livestock ProductionSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of<br>Global Livestock ProductionSu, WIZM.SIA.E03Marketing researchSu, WIZM.SIA.E04Quantit |            |   |         |
|---|------------|---|---------|
| schemesM.Agr.0156Microfinance for the Rural Poor: A Business ClassWi, GöM.Agr.0174Plant Health Management in Tropical CropsSu, GöM.Agr.0200Machine Learning in Food Economics and AgribusinessWi, GöM.Agr.0201Dynamic modelling in land use systemsSO, GöM.FES.321Ecopedology of the tropics and subtropicsSu, GöM.SIA.A02MEpidemiology of international and tropical animal Wi, Göinfectious diseasesMicrofinancel food microbiology and Su, GöM.SIA.A03MInternational and tropical food microbiology and Su, GöM.SIA.A04Livestock reproduction physiologySu, GöM.SIA.A07Unconventional livestock and wildlife-management, every 2 <sup>nd</sup><br>Su, WIZM.SIA.A08Social-ecology in livestock production systemsevery 2 <sup>nd</sup><br>Su, WIZM.SIA.A11Tropical animal husbandry systemsWi, GöM.SIA.A13MLivestock-based sustainable land useSu, WIZM.SIA.A14Digitalisation in Livestock SystemsSu, WIZM.SIA.A15Grassland-based livestock systems and climate changeSu, WIZM.SIA.A18Grassland-based livestock systems and climate changeSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of<br>Global Livestock ProductionSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E12MQuantitative research methods in rural developmentSu, WIZ   | M.Agr.0086 | World agriculture markets and trade                   | Su, Gö  |
| M.Agr.0174Plant Health Management in Tropical CropsSu, GöM.Agr.0200Machine Learning in Food Economics and AgribusinessWi, GöM.Agr.0201Dynamic modelling in land use systemsSO, GöM.FES.321Ecopedology of the tropics and subtropicsSu, GöM.SIA.A02MEpidemiology of international and tropical animal infectious diseasesWi, GöM.SIA.A03MInternational and tropical food microbiology and Su, GöM.SIA.A04Livestock reproduction physiologySu, GöM.SIA.A07Unconventional livestock and wildlife-management, every 2 <sup>nd</sup> Su, WIZM.SIA.A08Social-ecology in livestock production systemsevery 2 <sup>nd</sup> Su, WIZM.SIA.A11Tropical animal husbandry systemsWi, GöM.SIA.A13MLivestock-based sustainable land useSu, WIZM.SIA.A17Digitalisation in Livestock SystemsSu, WIZM.SIA.A18Grassland-based livestock systems and climate change mitigationSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of Global Livestock ProductionSu, WIZM.SIA.E02MAgricultural price theoryWi, GöM.SIA.E12MQuantitative research methods in rural developmentSu, WIZ  | M.Agr.0148 | , , , ,   | Su, Gö  |
| M.Agr.0200Machine Learning in Food Economics and AgribusinessWi, GöM.Agr.0201Dynamic modelling in land use systemsSO, GöM.FES.321Ecopedology of the tropics and subtropicsSu, GöM.SIA.A02MEpidemiology of international and tropical animal infectious diseasesWi, GöM.SIA.A03MInternational and tropical food microbiology and hygieneSu, GöM.SIA.A04Livestock reproduction physiologySu, GöM.SIA.A07Unconventional livestock and wildlife-management, utilization and conservationevery 2 <sup>nd</sup> Su, WIZM.SIA.A08Social-ecology in livestock production systemsevery 2 <sup>nd</sup> Su, WIZM.SIA.A11Tropical animal husbandry systemsWi, GöM.SIA.A13MLivestock-based sustainable land useSu, WIZM.SIA.A15MScientific writing in natural sciencesWi, WIZM.SIA.A18Grassland-based livestock systems and climate change mitigationSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of Su, WIZSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E05MMarketing researchSu, WIZM.SIA.E12MQuantitative research methods in rural developmentSu, WIZ  | M.Agr.0156 | Microfinance for the Rural Poor: A Business Class     | Wi, Gö  |
| M.Agr.0201Dynamic modelling in land use systemsSO, GöM.FES.321Ecopedology of the tropics and subtropicsSu, GöM.SIA.A02MEpidemiology of international and tropical animal infectious diseasesWi, GöM.SIA.A03MInternational and tropical food microbiology and hygieneSu, GöM.SIA.A04Livestock reproduction physiologySu, GöM.SIA.A07Unconventional livestock and wildlife-management, utilization and conservationevery 2 <sup>nd</sup> Su, WIZM.SIA.A08Social-ecology in livestock production systemsevery 2 <sup>nd</sup> Su, WIZM.SIA.A11Tropical animal husbandry systemsWi, GöM.SIA.A13MLivestock-based sustainable land useSu, WIZM.SIA.A15MScientific writing in natural sciencesWi, WIZM.SIA.A17Digitalisation in Livestock systems and climate change mitigationSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of Global Livestock ProductionSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E12MQuantitative research methods in rural developmentSu, WIZ  | M.Agr.0174 | Plant Health Management in Tropical Crops             | Su, Gö  |
| M.FES.321Ecopedology of the tropics and subtropicsSu, GöM.SIA.A02MEpidemiology of international and tropical animal infectious diseasesWi, GöM.SIA.A03MInternational and tropical food microbiology and hygieneSu, GöM.SIA.A04Livestock reproduction physiologySu, GöM.SIA.A07Unconventional livestock and wildlife-management, utilization and conservationevery 2 <sup>nd</sup> Su, WIZM.SIA.A08Social-ecology in livestock production systemsevery 2 <sup>nd</sup> Su, WIZM.SIA.A11Tropical animal husbandry systemsWi, GöM.SIA.A13MLivestock-based sustainable land useSu, WIZM.SIA.A15MScientific writing in natural sciencesWi, WIZM.SIA.A17Digitalisation in Livestock systems and climate change mitigationSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of Su, WIZSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E05MMarketing researchSu, WIZM.SIA.E12MQuantitative research methods in rural developmentSu, Gö   | M.Agr.0200 | Machine Learning in Food Economics and Agribusiness   | Wi, Gö  |
| M.SIA.A02MEpidemiology of international and tropical animal Wi, Gö<br>infectious diseasesM.SIA.A03MInternational and tropical food microbiology and Su, Gö<br>hygieneM.SIA.A03MLivestock reproduction physiologySu, GöM.SIA.A07Unconventional livestock and wildlife-management,<br>utilization and conservationevery 2 <sup>nd</sup><br>Su, WIZM.SIA.A08Social-ecology in livestock production systemsevery 2 <sup>nd</sup><br>Su, WIZM.SIA.A11Tropical animal husbandry systemsWi, GöM.SIA.A13MLivestock-based sustainable land useSu, WIZM.SIA.A15MScientific writing in natural sciencesWi, WIZM.SIA.A17Digitalisation in Livestock SystemsSu, WIZM.SIA.A18Grassland-based livestock systems and climate change<br>mitigationSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of<br>Global Livestock ProductionSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E12MQuantitative research methods in rural developmentSu, WIZ  | M.Agr.0201 | Dynamic modelling in land use systems                 | SO, Gö  |
| Infectious diseasesM.SIA.A03MInternational and tropical food microbiology and hygieneM.SIA.A04Livestock reproduction physiologySu, GöM.SIA.A07Unconventional livestock and wildlife-management, utilization and conservationM.SIA.A08Social-ecology in livestock production systemsSocial-ecology in livestock production systemsevery 2 <sup>nd</sup> Su, WIZM.SIA.A11Tropical animal husbandry systemsWi, GöM.SIA.A13MLivestock-based sustainable land useSu, WIZM.SIA.A15MScientific writing in natural sciencesWi, WIZM.SIA.A17Digitalisation in Livestock SystemsSu, WIZM.SIA.A18Grassland-based livestock systems and climate change mitigationSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of Global Livestock ProductionSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E12MQuantitative research methods in rural developmentSu, WIZ   | M.FES.321  | Ecopedology of the tropics and subtropics             | Su, Gö  |
| hygieneM.SIA.A04Livestock reproduction physiologySu, GöM.SIA.A07Unconventional livestock and wildlife-management,<br>utilization and conservationevery 2nd<br>Su, WIZM.SIA.A08Social-ecology in livestock production systemsevery 2nd<br>Su, WIZM.SIA.A11Tropical animal husbandry systemsWi, GöM.SIA.A13MLivestock-based sustainable land useSu, WIZM.SIA.A15MScientific writing in natural sciencesWi, WIZM.SIA.A17Digitalisation in Livestock SystemsSu, WIZM.SIA.A18Grassland-based livestock systems and climate change<br>mitigationSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of<br>Global Livestock ProductionSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E12MQuantitative research methods in rural developmentSu, Gö  | M.SIA.A02M |   | Wi, Gö  |
| M.SIA.A07Unconventional livestock and wildlife-management,<br>utilization and conservationevery 2nd<br>Su, WIZM.SIA.A08Social-ecology in livestock production systemsevery 2nd<br>Su, WIZM.SIA.A11Tropical animal husbandry systemsWi, GöM.SIA.A13MLivestock-based sustainable land useSu, WIZM.SIA.A15MScientific writing in natural sciencesWi, WIZM.SIA.A17Digitalisation in Livestock SystemsSu, WIZM.SIA.A18Grassland-based livestock systems and climate change<br>mitigationSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of<br>Global Livestock ProductionSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E12MQuantitative research methods in rural developmentSu, Gö   |            | hygiene   | Su, Gö  |
| utilization and conservationSu, WIZM.SIA.A08Social-ecology in livestock production systemsevery 2 <sup>nd</sup><br>Su, WIZM.SIA.A11Tropical animal husbandry systemsWi, GöM.SIA.A13MLivestock-based sustainable land useSu, WIZM.SIA.A15MScientific writing in natural sciencesWi, WIZM.SIA.A17Digitalisation in Livestock SystemsSu, WIZM.SIA.A18Grassland-based livestock systems and climate change<br>mitigationSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of<br>Global Livestock ProductionSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E12MQuantitative research methods in rural developmentSu, Gö  | M.SIA.A04  | Livestock reproduction physiology                     | Su, Gö  |
| Su, WIZM.SIA.A11Tropical animal husbandry systemsSu, WIZM.SIA.A13MLivestock-based sustainable land useSu, WIZM.SIA.A15MScientific writing in natural sciencesWi, WIZM.SIA.A17Digitalisation in Livestock SystemsSu, WIZM.SIA.A18Grassland-based livestock systems and climate change mitigationSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of Global Livestock ProductionSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E12MQuantitative research methods in rural developmentSu, Gö  | M.SIA.A07  | 5,  | ,       |
| M.SIA.A13MLivestock-based sustainable land useSu, WIZM.SIA.A15MScientific writing in natural sciencesWi, WIZM.SIA.A17Digitalisation in Livestock SystemsSu, WIZM.SIA.A18Grassland-based livestock systems and climate change<br>mitigationSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of<br>Global Livestock ProductionSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E12MQuantitative research methods in rural developmentSu, Gö  |            | Social-ecology in livestock production systems        |         |
| M.SIA.A15MScientific writing in natural sciencesWi, WIZM.SIA.A17Digitalisation in Livestock SystemsSu, WIZM.SIA.A18Grassland-based livestock systems and climate change<br>mitigationSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of<br>Global Livestock ProductionSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E05MMarketing research<br>Quantitative research methods in rural developmentSu, Gö   | M.SIA.A11  | Tropical animal husbandry systems                     | Wi, Gö  |
| M.SIA.A17Digitalisation in Livestock SystemsSu, WIZM.SIA.A18Grassland-based livestock systems and climate change<br>mitigationSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of<br>Global Livestock ProductionSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E05MMarketing researchSu, WIZM.SIA.E12MQuantitative research methods in rural developmentSu, Gö   | M.SIA.A13M | Livestock-based sustainable land use                  | Su, WIZ |
| M.SIA.A18Grassland-based livestock systems and climate change<br>mitigationSu, WIZM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of<br>Global Livestock ProductionSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E05MMarketing researchSu, WIZM.SIA.E12MQuantitative research methods in rural developmentSu, Gö  | M.SIA.A15M | Scientific writing in natural sciences                | Wi, WIZ |
| mitigationM.SIA.A19Innovative Sustainable Breeding: Shaping the Future of<br>Global Livestock ProductionSu, WIZM.SIA.E02Agricultural price theoryWi, GöM.SIA.E05MMarketing researchSu, WIZM.SIA.E12MQuantitative research methods in rural developmentSu, Gö  | M.SIA.A17  | Digitalisation in Livestock Systems                   | Su, WIZ |
| Global Livestock ProductionM.SIA.E02Agricultural price theoryWi, GöM.SIA.E05MMarketing researchSu, WIZM.SIA.E12MQuantitative research methods in rural developmentSu, Gö  |            |   | Su, WIZ |
| M.SIA.E05MMarketing researchSu, WIZM.SIA.E12MQuantitative research methods in rural developmentSu, Gö   | M.SIA.A19  |   | Su, WIZ |
| M.SIA.E12M Quantitative research methods in rural development Su, Gö  | M.SIA.E02  | Agricultural price theory                             | Wi, Gö  |
|   | M.SIA.E05M | Marketing research                                    | Su, WIZ |
|   | M.SIA.E12M | economics   | Su, Gö  |
| <b>M.SIA.E13M</b> Microeconomic theory and quantitative methods of Wi, Gö agricultural production   |            | agricultural production                               | Wi, Gö  |
|   | M.SIA.E14  | Evaluation of rural development projects and policies | Su, Gö  |

| M.SIA.E17M | Management and management accounting   | Wi, WIZ                          |
|------------|--|----------------------------------|
| M.SIA.E18  | Organization of food supply chains   | Su, Gö                           |
| M.SIA.E24  | Topics in rural development economics I                                      | Su, Gö                           |
| M.SIA.E31  | Strategic management   | Su, WIZ                          |
| M.SIA.E34  | Economic valuation of ecosystem services                                     | Wi, Gö                           |
| M.SIA.E37  | Agricultural policy analysis   | every 2 <sup>nd</sup><br>Su, Gö  |
| M.SIA.E39  | Critical and Collective Perspectives on the Global Food System               | Su, WIZ                          |
| M.SIA.E42  | Agriculture, Nutrition and Sustainable food systems                          | Su, Gö                           |
| M.SIA.E46  | Food Systems Governance and Agriculture                                      | Wi, WIZ                          |
| M.SIA.E47  | Sustainable food systems and management                                      | Wi, WIZ                          |
| M.SIA.102  | Management of (sub-) tropical landuse systems                                | every 2 <sup>nd</sup><br>Wi, WIZ |
| M.SIA.I06M | Exercise on the quality of tropical and subtropical products                 | Wi, Gö                           |
| M.SIA.I07  | International land use systems research - an interdisciplinary study tour    | every 2 <sup>nd</sup><br>Wi, WIZ |
| M.SIA.I11M | Free Project   | Wi/Su<br>Gö/WIZ                  |
| M.SIA.I21M | From conceptualization to communication: key steps in empirical research     | SO, WIZ                          |
| M.SIA.I23  | Sustainable agricultural practices in Mediterranean regions                  | Wi, WIZ                          |
| M.SIA.I25  | Engineering software in agriculture and livestock farming                    | Su, WIZ                          |
| M.SIA.I27  | Postharvest Technology   | Su, WIZ                          |
| M.SIA.I28M | Unoccupied aerial vehicle (UAV) applications in agriculture                  | SO, WIZ                          |
| M.SIA.I29M | Research Methods and Data Science in the Life Sciences                       | Wi, WIZ                          |
| M.SIA.I33  | Food Processing  | Wi, WIZ                          |
| M.SIA.P10  | Tropical agro-ecosystem functions  | Su, Gö                           |
| M.SIA.P19M | Experimental techniques in tropical agronomy                                 | Su, Gö                           |
| M.SIA.P21  | Energetic use of agricultural crops and Field forage production              | every 2 <sup>nd</sup><br>Wi, WIZ |
| M.SIA.P22  | Management of tropical plant production systems                              | Wi, Gö                           |
| M.SIA.P27M | Nutrient dynamics, experimental design and statistical modelling – bilingual | Su, WIZ                          |
| M.SIA.P28  | Digitilization in agriculture  | Wi, WIZ                          |
| M.SIA.P29  | Impact of climate extremes on plant production systems around the globe      | Wi, Gö                           |
| M.SIA.P31  | Biochar for Environmental Management   | Su, WIZ                          |
| M.SIA.P32M | Soil-Plant interactions  | Wi, WIZ                          |
| M.SIA.P33M | Water in the Soil Plant system   | Su, WIZ                          |
|            |  |                                  |

| M.SIA.P34           | Nutrient acquisition by plants                                | Su, WIZ |
|---------------------|---|---------|
| M.WIWI-<br>VWL.0008 | Development Economics I: Macro Issues in Economic Development | Wi, Gö  |
| M.iPAB.0002         | Breeding schemes and programs in plant and animal breeding    | Su, Gö  |

## 24.1.3 Profile "Tropical Agricultural and Agroecosystems Sciences"

**Compulsory modules:** The following four modules and the bridging module (P07) must be completed (30 C).

| M.SIA.A11  | Tropical animal husbandry systems                                      | Wi, Gö  |
|------------|--|---------|
| M.SIA.I10M | Applied statistical modelling  | Su, WIZ |
| M.SIA.I12  | Sustainable international agriculture: basic principles and approaches | Wi, WIZ |
| M.SIA.P07  | Soil and plant science   | Wi, WIZ |
| M.SIA.P22  | Management of tropical plant production systems                        | Wi, Gö  |

**Elective compulsory modules:** From the following modules, four modules (24 C) must be completed including at least one module has to be on learning work methods with code M.

| NA A 0100  |  | W. O.   |
|------------|--|---------|
| M.Agr.0180 | Mineral Nutrition of Crops Under Different Climate and Environmental Conditions    | Wi, Gö  |
| M.FES.321  | Ecopedology of the tropics and subtropics  | Su, Gö  |
| M.FES.734  | Agroforestry Design Course   | Wi, Gö  |
| M.SIA.A04  | Livestock reproduction physiology  | Su, Gö  |
| M.SIA.A10M | Livestock nutrition and feed evaluation under subtropical conditions               | Wi, WIZ |
| M.SIA.A13M | Livestock-based sustainable land use   | Su, WIZ |
| M.SIA.A19  | Innovative Sustainable Breeding: Shaping the Future of Global Livestock Production | Su, WIZ |
| M.SIA.E11  | Socioeconomics of rural development and food security                              | Wi, Gö  |
| M.SIA.E34  | Economic Valuation of Ecosystem Services in Developing Countries                   | Wi, Gö  |
| M.SIA.I06M | Exercise on the Quality of Tropical and Subtropical Products                       | Wi, Gö  |
| M.SIA.I14M | GIS and Remote Sensing in Agriculture  | Wi, WIZ |
| M.SIA.I20  | Agriculture and Ecosystem Services   | Su, WIZ |
| M.SIA.I21M | From Conceptualisation to Communication: Key Steps in Empirical Research           | Su, Gö  |
| M.SIA.I24  | Modelling Climate Impacts on Agroecosystems  | Su, WIZ |

| M.SIA.I31  | Sustainable land-use and climate mitigation                             |         |
|------------|---|---------|
| M.SIA.P01  | Ecology and Agroecosystems  | Su, WIZ |
| M.SIA.P10  | Tropical agro-ecosystem Functions                                       | Su, Gö  |
| M.SIA.P13  | Agrobiodiversity and Plant Genetic Resources in the Tropics             | Wi, WIZ |
| M.SIA.P16M | Crop Modelling for Risk Management                                      | Su, Gö  |
| M.SIA.P19M | Experimental Techniques in Tropical Agronomy                            | Su, Gö  |
| M.SIA.P29  | Impact of Climate Extremes on Plant Production Systems Around the Globe | Wi, Gö  |

**Elective modules:** From the following modules (or the so far not chosen mandatory modules of the degree programme) 6 elective modules must be completed (36 C). B-level language courses totaling 6C may be considered as electives once, provided that the course is not English or the student's native language.

| M.Agr.0009  | Biological control and biodiversity  | Wi, Gö                           |
|-------------|--|----------------------------------|
| M.Agr. 0056 | Plant Breeding Methodology and Genetic Resources                               | Su, Gö                           |
| M.Agr.0086  | World agriculture markets and trade  | Su, Gö                           |
| M.Agr.0148  | Policy analysis of international agri-environmental schemes                    | Su, Gö                           |
| M.Agr.0156  | Microfinance for the Rural Poor: A Business Class                              | Wi, Gö                           |
| M.Agr.0174  | Plant Health Management in Tropical Crops                                      | Su, Gö                           |
| M.Agr.0200  | Machine Learning in Food Economics and Agribusiness                            | Wi, Gö                           |
| M.Agr.0201  | Dynamic modelling in land use systems  | Su, Gö                           |
| M.SIA.A02M  | Epidemiology of international and tropical animal infectious diseases          | Wi, Gö                           |
| M.SIA.A03M  | International and tropical food microbiology and hygiene                       | Su, Gö                           |
| M.SIA.A07   | Unconventional livestock and wildlife-management, utilization and conservation | every 2 <sup>nd</sup><br>Su, WIZ |
| M.SIA.A08   | Social-ecology in livestock production systems                                 | every 2 <sup>nd</sup><br>Su, WIZ |
| M.SIA.A14   | Organic livestock farming under temperate conditions                           | Su, WIZ                          |
| M.SIA.A15M  | Scientific writing in natural sciences   | Wi, WIZ                          |
| M.SIA.A17   | Digitalisation in Livestock Systems  | Su, WIZ                          |
| M.SIA.A18   | Grassland-based livestock systems and climate change mitigation                | Su, WIZ                          |
| M.SIA.E02   | Agricultural price theory  | Wi, Gö                           |
| M.SIA.E05M  | Marketing research   | Su, WIZ                          |

| M.SIA.E06  | International markets and marketing for organic Products                  | Wi, WIZ                          |
|------------|---|----------------------------------|
| M.SIA.E12M | Quantitative research methods in rural development economics              | Su, Gö                           |
| M.SIA.E13M | Microeconomic theory and quantitative methods of agricultural production  | Wi, Gö                           |
| M.SIA.E14  | Evaluation of rural development projects and policies                     | Su, Gö                           |
| M.SIA.E17M | Management and management accounting                                      | Wi, WIZ                          |
| M.SIA.E18  | Organization of food supply chains  | Su, Gö                           |
| M.SIA.E21  | Rural sociology   | Su,WIZ                           |
| M.SIA.E24  | Topics in rural development economics I                                   | Su, Gö                           |
| M.SIA.E31  | Strategic management  | Su, WIZ                          |
| M.SIA.E34  | Economic valuation of ecosystem services in developing countries          | Wi, Gö                           |
| M.SIA.E37  | Agricultural policy analysis  | every 2 <sup>nd</sup><br>Su, Gö  |
| M.SIA.E39  | Critical and Collective Perspectives on the Global Food<br>System         | Su, WIZ                          |
| M.SIA.E41  | EU Policies and Organic Agriculture                                       | Su, WIZ                          |
| M.SIA.E42  | Agriculture, Nutrition and Sustainable food systems                       | Su, Gö                           |
| M.SIA.E46  | Food Systems Governance and Agriculture                                   | Wi, WIZ                          |
| M.SIA.E47  | Sustainable food systems and management                                   | Wi, WIZ                          |
| M.SIA.I02  | Management of (sub-) tropical landuse systems                             | every 2 <sup>nd</sup><br>Wi, WIZ |
| M.SIA.I03  | Food quality and organic food processing                                  | Su, WIZ                          |
| M.SIA.107  | International land use systems research - an interdisciplinary study tour | every 2 <sup>nd</sup><br>Wi, WIZ |
| M.SIA.I11M | Free Project  | Su/Wi,<br>Gö/WIZ                 |
| M.SIA.I14M | GIS and remote sensing in agriculture                                     | Wi, WIZ                          |
| M.SIA.I17  | Sustainable diets   | Wi, WIZ                          |
| M.SIA.I19M | Participatory research methods for sustainability                         | Wi, WIZ                          |
| M.SIA.I23  | Sustainable agricultural practices in Mediterranean regions               | Wi, WIZ                          |
| M.SIA.I25  | Engineering software in agriculture and livestock farming                 | Su, WIZ                          |
| M.SIA.I27  | Postharvest Technology  | Su, WIZ                          |
| M.SIA.I28M | Unoccupied aerial vehicle (UAV) applications in agriculture               | Su, WIZ                          |
| M.SIA.I29M | Research Methods and Data Science in the Life Sciences                    | Wi, WIZ                          |
| M.SIA.I30  | Organic Agriculture in Europe   | Wi, WIZ                          |
| M.SIA.I32  | Biodynamic agriculture  | Su, WIZ                          |
| M.SIA.I33  | Food Processing   | Wi, WIZ                          |
|            |   |                                  |

| M.SIA.P05           | Organic cropping systems under temperate and (sub-) tropical conditions      | Wi, WIZ                          |
|---------------------|--|----------------------------------|
| M.SIA.P15M          | Methods and advances in plant protection                                     | Wi, WIZ                          |
| M.SIA.P20           | Plant nematology   | Su, WIZ                          |
| M.SIA.P21           | Energetic use of agricultural crops and Field forage production              | every 2 <sup>nd</sup><br>Wi, WIZ |
| M.SIA.P27M          | Nutrient dynamics, experimental design and statistical modelling – bilingual | Su, WIZ                          |
| M.SIA.P28           | Digitilization in agriculture  | Wi, WIZ                          |
| M.SIA.P31           | Biochar for Environmental Management   | Wi, WIZ                          |
| M.SIA.P32M          | Soil-Plant interactions  | Wi, WIZ                          |
| M.SIA.P33M          | Water in the Soil Plant system   | Su, WIZ                          |
| M.SIA.P34           | Nutrient acquisition by plants   | Su, WIZ                          |
| M.WIWI-<br>VWL.0008 | Development Economics I: Macro Issues in Economic Development                | Wi, Gö                           |
| M.iPAB.0002         | Breeding schemes and programs in plant and animal breeding                   | Su, Gö                           |
|                     |  |                                  |

# If you are interested in the double degree option, check the <u>directory of</u> <u>modules</u> for additional information about compulsory modules.

You can also find the full module descriptions for each module on eCampus ("Stud.IP" > "SearchS > "Module directory – module search" ("*Veranstaltungs-/Modulverzeichnis"*) or in the current <u>directory of modules</u>. Please note: The Directory of modules contains a few German words: SWS (Semester Wochen Stunden) = WLH: (Weekly Lecture Hours). 4 SWS/WHL will sum up to 6 ECTS.

# **25 Improvement Suggestions**

If you have any ideas, suggestions or criticism to bring in for the improvement of this study guide or even the study programme, please pass it on to Ms. Dr. Esther Fichtler (<u>esther.fichtler@agr.uni-goettingen.de</u>), Ms. Ute Gilles (<u>u.gilles@uni-kassel.de</u>) or anonymously using the <u>faculty's system accreditation</u>.

Please note: All information in this study guide is subject to change.

Changes can occur at any time. If necessary, please inform yourself

directly about the latest versions of the respective regulations and your

**<u>PStO</u>** ("Regulations and module directory").

# Georg-August-Universität Göttingen

Faculty of Agriculture Sciences Büsgenweg 5 37077 Göttingen Dr. Esther Fichtler +49 (0) 551 39 28112 esther.fichtler@agr.uni-goettingen.de www.agrar.uni-goettingen.de

Always keep informed:

