

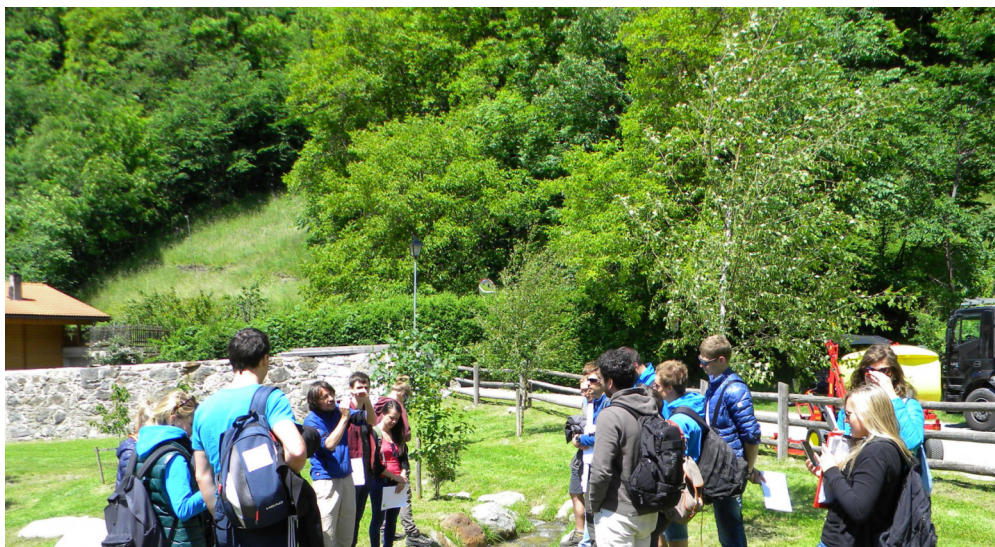


Fakultät für Agrar-, Umwelt- und Lebensmittelwissenschaften  
Facoltà di Scienze agrarie, ambientali e alimentari  
Faculty of Agricultural, Environmental and Food Sciences

Bachelor in

# Agricultural, Food and Mountain Environmental Sciences

2024/25



## At a glance

Bachelor class: L-25  
ECTS credits: 180  
Duration of the course: 3 years  
Courses will be taught in: Italian,  
German and English (trilingual)  
Places available: 70 EU + 5 non-EU  
Campus: Bozen-Bolzano  
Tuition fees: ca. € 1350 per year



## Course description

The use of modern technology has transformed also agriculture. Nowadays, concepts like sustainability and protection of the environment are closely linked to growing crops and food production. The agricultural sector requires a type of knowledge that goes beyond the borders of individual disciplines and constant professional development in order to keep up to date with the latest developments in the field.

This course draws its contents from various scientific branches: natural science, engineering and economics in order to offer you a comprehensive, solid educational background.

In the third year you will specialise in one of the following fields according to the chosen path:

- **Agricultural Production**
- **Management of the Mountain Environment**
- **Food Sciences**

Each curriculum might be offered only if a minimum number of students is reached.

## Structure of the course

In the first part of the course, you will learn the basic notions required to proceed successfully with your learning in the following years. From the third year onwards, you will gain specialist knowledge pertaining to the field of agriculture, management of the mountain environment and food technology. Usually between the second and the third year you are expected to undertake an internship.

# Study plan - Bachelor in Agricultural, Food and Mountain Environmental Sciences

## 1st Year

- 9 CP Mathematics and Applied Statistics
- 8 CP Fundamentals of Chemistry
- 0 CP Plant and Animal Biology
  - 6 CP Botany
  - 6 CP Anatomy, Physiology and Animal Genetics
- 6 CP Fundamentals of Physics
- 3 CP Applied Informatics
- 6 CP Plant Genetics
- 6 CP Agribusiness Administration and Finance
- 6 CP Agricultural Ecology and Principles of Plant Production

## 2nd Year

- 6 CP Principles of Tree Cultivation
- 6 CP Agricultural Machinery
- 6 CP Soil Chemistry and Fertility
- 12 CP Agricultural Economics, Policy and Law
  - 6 CP Agricultural Economics and Policy
  - 6 CP Agricultural, Environmental and Food Law
- 12 CP Entomology and Phytopathology
  - 6 CP Entomology
  - 6 CP Phytopathology
- 6 CP Biochemistry and Physiology of Agricultural Plants
- 15 CP Microbiology and Agro-industries
  - 9 CP Biology of Micro-organisms and Agricultural Microbiology
  - 6 CP Agro-industries

## 3rd year

- 5 CP Internship
- 5 CP Final Exam

## Path 1: Agricultural Production\*

- 6 CP Rural Appraisal
- 9 CP Hydrology and Hydraulics

- 6 CP Plant Protection
- 12 CP Animal Breeding and Grassland Management
  - 6 CP Animal Breeding and Animal Husbandry
  - 6 CP Grassland Management and Arable Crop Production
- 6 CP Fruit Production
- 12 CP Free choice courses\*\*

### **Path 2: Management of the Mountain Environment\***

- 6 CP Rural Appraisal
- 9 CP Hydrology and Hydraulics
- 6 CP Structure and Function of Mountain Ecosystems
- 12 CP Forestry and Forest Ecology
  - 6 CP Forestry
  - 6 CP Forest Ecology
- 6 CP Environmental Geomatics and Remote Sensing
- 12 CP Free choice courses\*\*

### **Path 3: Food Sciences\***

- 6 CP Rural Appraisal
- 9 CP Food Microbiology
- 6 CP Protection of the Stored Products
- 12 CP Food Technologies
  - 6 CP Unit Operations in Food Engineering
  - 6 CP Machines, Plants and Logistics of the Agro-Food Industries
- 6 CP Analytical Chemistry
- 12 CP Free choice courses\*\*

#### **\* Study paths**

During the 3rd year of studies students have to choose between one of the following paths.

#### **\*\* Free choice courses**

Students can choose free choice courses both internally as well as externally.

## **Exchange programmes and internships**

Currently we offer exchange programmes with partner universities all over the world. You will also need to undertake a **compulsory internship** lasting a minimum of 125 hours. You can choose where to carry out your internship from the long list of Italian and foreign businesses we are partnered with.

## Career opportunities

Our graduates find work in the fields of crop production, cattle breeding or management of forests and green areas in mountain territories. They also work in business/technical management or consulting in agribusiness companies, sustainable management of forests, protection of the land and planning of mountain territories, quality certification, management and safety assessment of agricultural machinery and marketing or processing and distribution of food products.

The course prepares students to sit the **State Examination** to gain access to the **National Register of Chartered Agronomists and Foresters (Section B)**. After your undergraduate degree, you can choose to continue with higher education and register for a Master degree in the sectors of food production, management of environmental resources and food technology.

Well prepared and ready for the job market. On the website of AlmaLaurea you can check statistical data about graduates' satisfaction and their employability.



## Bachelor in Agricultural, Food and Mountain Environmental Sciences

2024/25

### Application and Admission

You can find all you need to know in order to apply and gain admission to this study programme by browsing through the information below.

### Deadlines and important dates

#### Early Bird Application

Application: 01/03 - 07/05/2024 (by noon local time)

Language exams (online): 18/03/2024 (registration: 01 - 10/03/2024) and 17 - 18 - 19 and 22 - 23/04/2024 (registration: 25/03 - 09/04/2024)

Admission exam (online): 17/05/2024 - 15:00 (local time)

Publication of ranking lists: by 28/05/2024

Payment of the 1st instalment of the tuition fees: by 06/06/2024 (by noon local time)

Enrolment: from 12/07 - 06/08/2024 (by noon local time)

#### Late Application (only for EU citizens)

Application: 29/05 - 10/07/2024 (by noon local time)

Language exams (online): 24 - 29/06/2024 (registration: 29/05 - 16/06/2024)

Admission exam (online): 22/07/2024 - 15:00 (local time)

Publication of ranking lists: by 30/07/2024

Payment of the 1st instalment of the tuition fees: by 06/08/2024 (by noon local time)

Enrolment: from publication of the ranking list until 06/08/2024 (by noon local time)

#### Additional Application Session (only for EU citizens)

The Faculty can open additional application sessions for single study programmes in August and in September if there are available spaces. More information on additional sessions will be published in due course.

#### Preparatory courses and Freshers Days

Intensive language courses: 02 - 20/09/2024 (Monday to Friday, 6 h/day)

Mathematics pre-course: 23/09 - 04/10/2024

Freshers Days: 30/09 - 01/10/2024

#### 1st semester

Classes: 30/09 - 23/12/2024

Exams (extraordinary session): 12 - 23/12/2024

Holidays: 24/12/2024 - 06/01/2025

Classes: 07/01 - 25/01/2025

Exams: 27/01 - 15/02/2025

### **2nd semester**

Classes: 03/03 - 17/04/2025

Holidays: 18- 21/04/2025

Classes: 22/04 - 14/06/2025

Exams (extraordinary session): 15 - 24/05/2025

Exams: 16/06 - 12/07/2025

### **Autumn session**

Exams: 25/08 - 27/09/2025

## Available places

EU citizens and citizens given parity of treatment

Early Bird Application: 50

Late Application: 20

Non-EU citizens (living abroad)

Early Bird Application: 5

The programme will only be offered if a minimum of 25 newly enrolled students is reached.

## Entry requirements

To gain admission to the programme you need one of the following qualifications:

- a secondary school leaving certificate (Italian system)
- equivalent qualification obtained abroad.

Foreign school leaving certificates are considered equivalent if obtained after 12 years of education. In this case, you furthermore must have attended at least the last two years in the foreign school system (e.g. Irish Leaving Certificate: it is not enough to attend one year and obtain the foreign certificate).

The Italian Ministry of Education, University and Research has set specific admission requirements for holders of certain certificates (e.g. American high school diplomas, British and Greek certificates). For more information: [apply@unibz.it](mailto:apply@unibz.it) (Advisory Service).

To be admitted, you must fulfil the language requirements indicated in the section "Language requirements".

According to national regulations, simultaneous enrolment in a maximum of 2 programmes is possible (however, the two programmes must not belong to the same class, e.g., L-18/L-18 and must differ for at least 2/3 of the course contents).

## Language requirements



The official teaching languages are German, Italian and English. Therefore, the following language requirements apply, otherwise you will be excluded from the admission procedure:

#### **Entry level** (to gain admission)

1st language: B2

2nd language: B2

3rd language: no level required

A B1 level in the third language is the minimum requirement for taking curricular examinations in that specific language.

Please note that if the first semester of your study programme is only taught in English and your third language is English, you will have to certify at least a B1 level in English by mid-January to be able to take all the curricular exams scheduled for the first semester.

#### **Exit level** (to graduate)

1st language: C1

2nd language: C1

3rd language: B2

The levels of the Common European Framework of Reference apply.

Your first language is the language in which you have the highest level of proficiency (B2 or C1). Your third language is instead the language in which you are weaker (or in which you are an absolute beginner).

You can demonstrate your language proficiency (in the section “upload language certificates” and/or “enrol for language exams”) after you have created an application in the section “create/manage applications”. The certification is mandatory for the first and second language, for the third language it is recommended (from B1 onwards).

- In case your final certificate has been awarded by an **Italian** public institution, you need to submit a self-declaration.
- In case your final certificate has been awarded by a **foreign** public institution, you need to upload diploma scanned copy of the original.

#### **You can demonstrate language proficiency through:**

1. **the main teaching language in your final high school year** if German, Italian or English (recognised as C1) (Latin upper secondary schools: recognised as B2 in German and Italian). **Foreign qualifications:** If the main teaching language is not clearly stated on your high school diploma, please also upload a letter/document issued by your high school stating the medium of instruction.
2. **a bachelor or master degree** in Italian, German or English (recognised as C1). unibz graduates must upload the language certificates obtained and/or declare that they have passed language exams at the unibz Language Centre (B2, B2+ or C1). **Foreign qualifications:** If the teaching language is not clearly stated on your University degree, please also upload a letter/document issued by your University stating the medium of instruction during your studies.
3. **a recognised language certificate** (see the list of recognised certificates) If you cannot upload the certificates, you can send them by e-mail as PDF files or deliver them in person to the Language Centre by the application deadline (see “Deadlines” section).

4. **language exams organised by the unibz Language Centre.** You can register for these exams online through the application portal (in the section “enrol for language exams”) after you have filled out your application in the section “create/manage applications”. The registration periods are indicated in the “Deadlines” section. If you start your application outside a language exams registration period, you must return to the portal during one of the periods indicated above in order to register for an exam. Information regarding the structure of the language proficiency exams, their duration, their administration, and typical processing time for the publication of the results can be found on the following webpage.

Please note that you can only register for **B2 level exams**.

For information on studying in three languages also visit the following page.

### **Secondary schools in a foreign country/Bi- or multilingual schools**

If the foreign language proficiency levels (for German, Italian, or English) are explicitly indicated on the diploma of graduation according to the Common European Framework of Reference (i.e., B1, B2 or C1), and if all four language abilities (reading, listening, speaking, writing) have been assessed, then the indicated levels will be accepted as a proof of proficiency for the second and/or third language.

Please upload your school leaving certificate to the application portal in the section “upload language certificates” under the respective language. The Language Centre will decide on its recognition.

### **Third language/Intensive language courses in September**

If you have already acquired a language certificate in the third teaching language, please upload it to the portal. If you are not able to certify your language competence in the third language and you are admitted to unibz, you will have to take a placement test. You will receive further information about the test by e-mail. Based on the result of the placement test, you will be assigned to a certain learning path so that you will be able to reach level B2 as soon as possible.

If you are an absolute beginner in the third language, or if you have a level below B2, you may attend a three-week intensive language course during the pre-semester session in September in order to start the learning path.

The dates of the extensive courses are indicated in the “Deadlines” section. Beginner courses (A1) will be offered exclusively during the pre-semester intensive course session in September will no longer be offered during the academic year. Therefore, absolute beginners should start their learning path for the third language by attending the intensive courses in September.

There will be extensive courses (4 hours per week) during the semesters and intensive courses (6 hours per day) during the time between semesters.

The language courses offered by the Language Centre are **free of charge** and aim to help the students reach the following target levels in the third language:

- B1 level by the end of the 1st year;
- B2 level by the end of the 2nd year.

## Online application

Your application must be submitted online through the Application Portal. The deadlines are indicated in the “Deadlines” section.

- You need to create an account and upload a valid ID card or passport (front/back). Please note: if your document is invalid, incomplete or unreadable, you will be excluded from the admission procedure;
- Fill in the online form and upload the attachments listed under “Admission procedure”;
- If you gained your qualification abroad, you must also upload the diploma of your qualification: if you are not yet in possession of the diploma, you’ll need to upload it upon enrolment;
- Complete and submit the online application by the deadline. Once the application has been sent, it cannot be modified. Filled-in forms which have not been sent correctly will not be taken into consideration.

**Please note:** Mendacious declarations will be criminally prosecuted and will result in the automatic exclusion from the ranking list.

### EU-Citizens and equivalent

You might apply for more than one study programme. If you are excluded in the first session, you might apply again in the second one.

#### Considered as equivalent are:

1. Citizens from Norway, Iceland, Liechtenstein, Switzerland, San Marino and the Vatican City State;
2. Non-EU citizens with a valid permit to stay in Italy (see article 39, paragraph 5 of decree no. 286 of 25.07.1998: “**permesso di soggiorno**” (residence permit) for work, family reasons, political or humanitarian asylum, religious reasons). In this case, you apply directly to the University as described above and must submit a copy of your valid permit to stay. A permit to stay for study reasons or a visa for tourism is **not** sufficient. If the permit has expired, you must attach a renewal request.

**Please note** that if you do not upload the permit in the application portal, you will be automatically considered a non-EU citizen living abroad and therefore subject to the admission procedure through the Italian authorities in your country of origin.

### Non-EU-Citizens (living outside of Italy)

Only one application period is offered. After the deadline it is not possible to apply anymore. Application fee: € 50. The fee is an administration fee and is non-refundable.

Once the ranking list has been published, if you have gained admission, secure it by paying the first instalment and then start your visa application on the University portal. The application on University is mandatory, otherwise you will not be allowed to enrol. On University you can apply for one study programme only.

At the beginning of September, you must also sit a separate Italian language test before you can enrol.

## Admission procedure

The selection procedure is divided into two parts:

### 1. Admission Exam (max. 60 points):

A multiple choice test will give information about the prior knowledge of the applicants in the field of logic, mathematics and science subjects.

The admission test will take place online on the dates you will find under "Deadlines and important dates"

The result of the admission test in one of these dates remains valid for the admission procedure of the a.y. 2023/24.

### 2. Evaluation of the High School curriculum (max. 40 points):

this will be based on the marks of the third-last year and penultimate year of secondary school. The marks for behaviour, religion and physical education are not taken into consideration.

Here you can find an example of the admission exam and also the topics suggestions.

### In the application portal, you shall:

- Insert, using self-declaration, your grades for the subjects of your third-last and penultimate school year. **Please note:** mendacious declarations will be sanctioned by criminal law and will result in your automatic exclusion. Final grades of your third-last year and penultimate year of secondary school\* must be self-declared in the online application form.  
**In the event of self-declared years being concluded abroad, a copy of the relevant school report cards must be uploaded in the portal.**
- Upload the official translation of your school report cards into Italian, German or English if needed;

(\* ) If you omit to indicate the final grades of the third-last and penultimate year of secondary school, the Admission Committee will assign you a final grade equal to the passing grade of the school year you have not provided a certificate for.

(\* ) If you have attended a school whose system differs substantially from the Italian system and you do not have the report cards with the final grades of the third-last and/or penultimate year of study of your secondary school, the Admission Committee reserves the right to evaluate the possible final report cards of the secondary school that refer to years different from the penultimate or third-last.

### Ranking lists

The Admission Committee will only evaluate the documents uploaded in the portal by the application deadline. The ranking lists with the admitted students will be published here: <https://www.unibz.it/en/applicants/ranking-lists/> and are only valid for the respective academic year.

### Additional learning obligations

If on the day of the exam the Admission Committee evaluates your prior knowledge as inadequate, you may be assigned additional learning obligations to be achieved by the end of

the first academic year.

In order to get prepared for the additional learning obligations test, preparatory courses are offered in the weeks before the beginning of the first semester. In particular, the courses are taught as intensive courses in which the basic concepts of mathematics, physics, biology and chemistry are dealt with. The additional educational debt is absolved by passing a special examination. Specific dates will be scheduled to take the exams during the first year.

The OFA-exam must be passed within the first academic year of study and is an essential prerequisite for taking the curricular exams of the years following the first. If you have not passed the OFA exam in one of the sessions planned, you will be not able to enrol in the second year of study; consequently, you will be enrolled in the first year again.

## Secure your admission and enrolment

If you have been admitted to more than one study programme, you can secure your admission for a maximum of 2 programmes by paying the designated rate twice.

### **1. Choose the study programme and pay the fees (to secure your admission) in the application portal.**

The deadlines are indicated in the “Deadlines” section.

If you do not meet this deadline, you will automatically be excluded and the next applicant in the ranking list will be admitted.

For EU citizens and citizens given parity of treatment only: any remaining places of the early bird application, will be offered in the late application.

**Please note** that you do not gain full student status by only paying the tuition fees. This status will only be acquired upon enrolment. If you have secured your admission, there will be no refund of the tuition fees unless you do not pass your secondary school final exam or, in the event of non-EU applicants living abroad, you do not receive the documents necessary for enrolment from the Italian authorities in your country.

### **2. Enrol online in the application portal.**

The deadlines are indicated in the “Deadlines” section.

Enrolment is recommended as early as possible, so you have the possibility to upload incomplete documents before the deadline.

If you do not meet the enrolment deadline, you will be excluded and the next applicant in the ranking list will be admitted.

**If you have gained your secondary school qualification in Austria or Germany or if you have a European Baccaureate, you must upload the secondary school diploma.**

**If you have gained your secondary school qualification abroad in one of the Countries that are signatories to the Lisbon Convention (except Austria and Germany) or if you have a Diploma of the International Baccaureate, you must upload:**

- the secondary school diploma
- the official translation of the secondary school diploma into Italian (not necessary if the

diploma has been issued in German or English)

- the Statement of **Correspondence** of your secondary school diploma, to be downloaded from the ARDI - Automatic Recognition Database - Italy

**If you have gained your secondary school qualification abroad in a country that is not a signatory to the Lisbon Convention, you must upload:**

the secondary school diploma

- the official translation of the secondary school diploma into Italian (not necessary if the diploma has been issued in German or English)
- the Statement of **comparability** of your secondary school diploma, issued by the Italian Information Centre on Academic Mobility and Equivalence (CIMEA)
- the Statement of **Verification** of your secondary school diploma, issued by the Italian Information Centre on Academic Mobility and Equivalence (CIMEA)

**unibz performs the necessary checks on your foreign qualification and in case of doubt reserves the right to request additional documents.**

**Please note** that if you do not possess a valid admission qualification, you can be excluded with Rector's decree even after enrolment.

**If you are a non-EU citizen living abroad:**

Once you are eligible for admission (check the ranking lists) and have also applied on University, the Italian Authorities in your own country will issue you the entry visa for studies/university. This will allow you to arrive in Italy to sit the Italian-language test (for bachelor programmes) and to enrol for the study programme that you have applied for.

The Italian-language test, which all students applying for bachelor programmes must sit, usually takes place at the beginning of September in Bozen-Bolzano. Students might also sit the oral exam online.

According to Italian law, within 8 working days of your arrival in Italy, you must have applied for the residence permit: as soon as you arrive, get in touch with the Advisory Service and you will be given the necessary information for starting the procedure.

Once you will obtain your residence permit (permesso di soggiorno), you have to hand it in at the Student Secretariat personally or via e-mail.

**Students intending to transfer from another Italian University to unibz** have to submit to the Student Secretariat - at the beginning of the academic year - a copy of the transfer application presented at the university of provenance.

## Tuition fees

Fees amount to € 1373

- **1st instalment** (€ 773): includes the provincial tax for the right to study of € 173 and a revenue stamp of € 16.
- **2nd instalment** (€ 600): must be paid by March of the following year.

Delayed payment of the second instalment will result in a fine being levied. If you have not paid

the tuition fees, you will be unable to take exams and will not be able to transfer to other universities or other study programmes.

If you drop out of a programme, interrupt your studies or are excluded from studies, you are not entitled to reimbursement of the fees.

Exemption from the tuition fees (and the provincial tax) is granted to:

- Students with a disability recognized under article 3, paragraph 1, of Law No 104/1992, or with a disability up to or exceeding 66%: the disability certificate, issued by the health authorities, must be handed in at the beginning of the academic year.
- Foreign students who have been granted a scholarship from the Italian government.

Students who benefit from a scholarship granted by the Autonomous Province of Bozen-Bolzano are entitled to receive a refund of the tuition fees.

## Recognition of credit points from previous studies

Credit points from previous university studies can only be recognised after enrolment if the exams taken at the university of provenance are equivalent in content to those offered at unibz. You can fill out the application after enrolment.

The Advisory Service provides support regarding your choice of study. In many cases a simple call or a short request is enough to get the relevant information (Tel. +39 0471 012100).

## **Advisory Service**

Universitätsplatz 1 - piazza  
Università, 1  
Italy - 39100, Bozen-Bolzano  
Tel +39 0471 012100  
Fax +39 0471 012109  
[apply@unibz.it](mailto:apply@unibz.it)

## **Opening Hours**

Tuesdays: 10:00-12:00  
Thursdays: 14:00-16:00

Alternatively, you may call us  
throughout the week or book an  
online appointment