

# SGGW for International Students

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**Study Offer**  
2022/2023



WARSAW  
UNIVERSITY  
OF LIFE SCIENCES

# SGGW



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# Warsaw University of Life Sciences (SGGW)

SGGW is one of the largest and the most prestigious universities in Poland. It educates nearly 16,000 students in 39 study programs (including 11 taught in English) - from veterinary medicine, through economics and computer science, to civil engineering. It employs 1,200 academic teachers, offers a modern campus and excellent learning conditions.

As befits a modern 21st century university, the campus provides students with everything they need. On the beautiful campus in the heart of green Ursynów in Warsaw, you can live, study and spend time with friends. On site you will find: the cult Dziekanat club, a swimming pool, sport halls, playfields and indoor tennis courts, tempting green lawns, where on warm afternoons and evenings you can play badminton and integrate with fellow students while grilling or watching a movie displayed on the dorm wall!

At SGGW, you'll also meet friends for life. There are nearly 4,000 places awaiting you in 11 well-equipped student dormitories. You can choose from 62 student groups, the University Sports Association, the Promni Folk Art Group and the university choir. Because shared passion connects like nothing else!

**Join us! We're looking forward to welcoming you!**



# SGGW in rankings

grade  
**1201**

Times Higher Education World  
University Rankings 2022

grade  
**30**  
among  
domestic  
universities

Webometrics Ranking of World  
Universities (2021)

grade  
**1785**  
among world's  
universities

grade  
**94**  
among  
EECA  
universities

QS World University Rankings  
Eastern Europe and Central Asia  
(EECA) 2020

**One of  
the best  
Agricultural  
and forestry  
University  
in Poland**

Perspektywy  
University Ranking  
2021

grade  
**801-900**

Academic Ranking  
of World Universities  
2021

SGGW has been declared the number one in the rankings of life sciences universities in Poland and has always been the top of Polish universities. SGGW was acknowledged as

"The most innovative and creative university in Poland in creating job perspectives".

No matter who you are or where you come from, SGGW will be the right place for your education and give an opportunity to shape your future!

# Erasmus Student Network

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As part of the Erasmus Student Network, we truly care for the integration of incoming students with the academic community, so that each incoming student receives support and can easily settle in the campus of Warsaw University of Life Sciences.

At the academic year 2021/2022 SGGW was visited by nearly 1,000 foreign students.



# Why SGGW?

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Compared to competitive EU countries, the tuition fees in Poland are really competitive and the costs of living are much lower than costs in other European cities.

**01**

**Very well equipped laboratories**

good environment to study and research

**02**

**A wide-range of courses in English**

**03**

**A place in student dorms for every incoming student**

**04**

**Mentor programme with ESN**

including pick-up at the airport upon arrival in Warsaw

**05**

**Welcome events**

Orientation Day and another relevant events

**06**

**Polish language course**

beginner level

**07**

**Great location**

center of Poland and Europe

**08**

**Great University Campus**

sport centres, grocery shops, student cafeterias, buffets and much more!

**09**

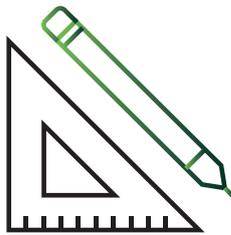
**WePoint**

Welcome Point for incoming students



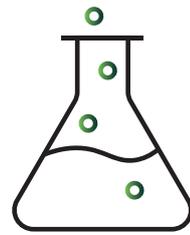
14 faculties

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39 fields of study

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1,500 didactic rooms

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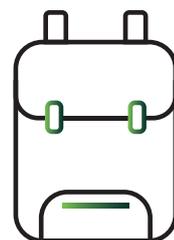
4,000 places in dorms

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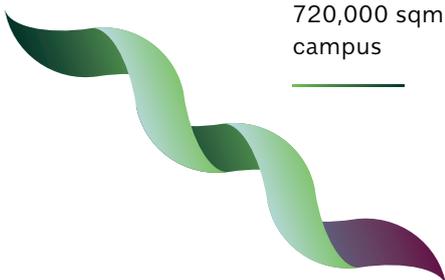
720,000 sqm campus

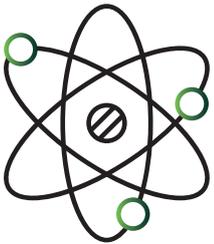
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16,000 students

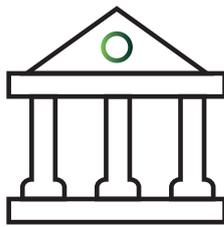
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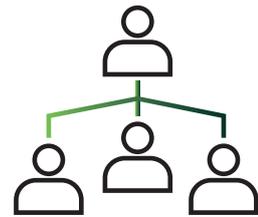
300 classrooms

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24 lecture halls

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1,200 academic teachers

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11 study programmes in English

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275 joint research and teaching with foreign universities and institutions

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475 agreements and statements with foreign universities

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## Student life

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1

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The Folk Art Group Promni

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2

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SQER Dance

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3

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Academic Choir

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4

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Chamber Choir

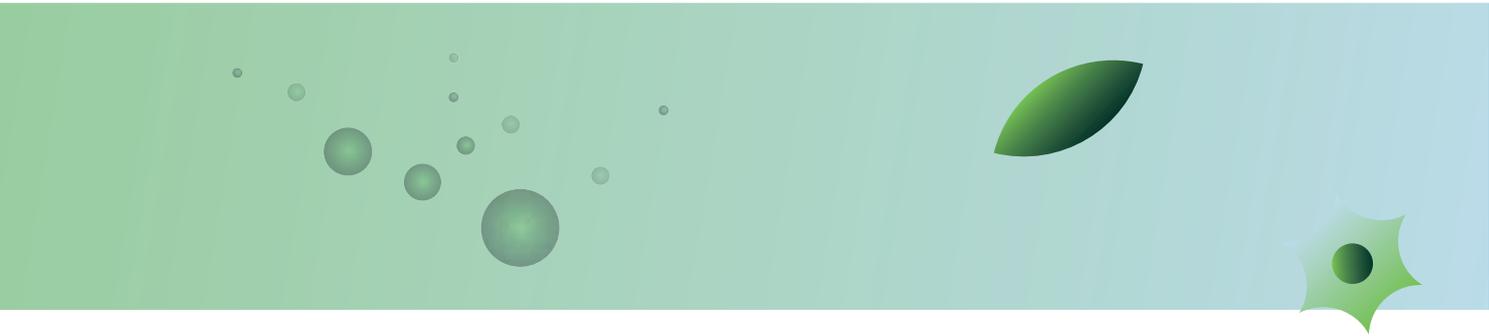
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Academic Sports Association

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# Modern sports facilities

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Indoor swimming pool

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2

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Sport halls

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3

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Indoor tennis courts

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4

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Gym

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5

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Hippotherapy Center

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BIOLOGY

# Biotechnology

## Degree

Bachelor of Engineering

## Duration

7 semesters

## Beginning from

October

## Credits obtained

Degree requires the completion of 210 ECTS

## Aim of the programme

Biotechnology is a multidisciplinary field of study, combining knowledge of life sciences and engineering, aiming to use the living organisms in product development, testing and manufacturing. In addition to general topics students can focus on plants-, animals- and microorganisms- biotechnology giving them practical and theoretical knowledge. Our aim is to provide a solid foundation for future careers in food and pharmaceutical industry, diagnostics, plant breeding companies, research institutions and many others. We put special attention on cutting edge topics including bioinformatics, genomics, nanobiotechnology and genetic engineering. Graduates will be able to plan and run the biotechnological experiments and processes, generate, interpret and report high quality biological data, evaluate the use of particular methods and devices.

## Entry requirements

- The results of the completed secondary education with specified final marks in: (1) biology and (2) chemistry or mathematics or physics;
- Confirmed knowledge of English - at least B2 level (appropriate certificate or document confirming completion of the secondary education taught in English);

## Main mandatory subjects:

1 Year

General and physical chemistry, Botany, Animal anatomy, Mathematics, Physics and biophysics, Information technologies, Organic chemistry, Cell Biology, Animal histology, Ecology, Design thinking.

## 2 Year

General genetics, Biochemistry, General microbiology, Plant physiology, Animal physiology, Physiology of microorganisms, Engineering of biotechnological processes, Molecular biology, Basics of genetics and animal breeding, Enzymology and Biochemical technics, General virology.

## 3 Year

Genetic engineering, Basics of bioinformatics, Design and development of technological lines, Biotechnological methods in environmental protection, Physiomics, Immunology, Cell and tissue cultures, Industrial biotechnology, Social and legal aspects of biotechnology, Statistics.

## 4 Year

Chemical safety, Seminar, Graduation workshop, Professional practice.

## 1-4 Years

Each year there is a variety of facultative subjects covering specific biotechnology related topics.

## Internship, practice

Student is obliged to complete practice (160 h/4 weeks).

## Career prospects

The alumni of FSTN can find jobs in:

- Pharmaceutical industry;
- Crop improvement companies;
- Clinical research;
- Food industry;
- Diagnostics laboratories;
- R&D institutions;
- Public administration related to above mentioned.

## Fees

**5000 PLN/semester, for Polish nationals: free of charge**





## FOOD TECHNOLOGY & HUMAN NUTRITION

# Food Science: Technology and Nutrition

### Degree

Bachelor's Degree

### Duration

6 semesters

### Beginning from

October

### Credits obtained

Bachelor diploma, 180 ECTS

### Aim of the programme

The bachelor programme of Food Science: Technology and Nutrition has the aim to provide students with the most up-to-date knowledge and skills in the field of food technology, food processing and nutrition. The programme has a high number of contact hours including a significant proportion of practical laboratory activities with experiments conducting in groups or individually. The study programme offers lectures, tutorials and project-based teaching also. In addition to knowledge related to technological processes and human nutrition, graduates will be able to identify chemical, biological and physical hazards during food production, processing, distribution and storage. The proposed study offer focuses on the organization of technological processes, especially on the high-quality products and the implementation of processes with the use of the most modern and innovative techniques, standards and sustainable food systems, as well as allows to acquire knowledge and skills regarding the well-balanced nutrition in health maintaining.

### Entry requirements

Qualification based on:

- confirmed knowledge of English (certificate of English language at least level B2 or maturity exam in English language at an Advanced level with result at least 60%, or a document confirming completion of the high school with programme in English as language of instruction);
- graduated secondary level education and the diploma recognized by EU is required for application to the course;
- the results of the maturity examination in biology or chemistry or mathematics;

### Main mandatory subjects:

#### 1 Year

General chemistry, Biology, Basic statistics, Mathematics, Economy, Information technology, Food raw materials, Polish for foreign-

ers, Foreign language, Sociology of food and nutrition, Polish culture, Food chemistry, General and food microbiology, Introduction into food processing, Introduction into human nutrition, Sustainable food systems, Engineering graphics, Physical education.

#### 2 Year

Biochemistry & enzymology, Basics of human anatomy and physiology, General food technology, Food production equipment and engineering, Instrumental methods of food analysis, Plant-origin food technology, Basics of food engineering, Advance in human nutrition, Pathogens in water and food, Animal-origin food technology, New food product development, Food additives, Sensory analysis, Consumer behavior, Food biotechnology, Physical education.

#### 3 Year

Food production hygiene, Catering technology, Food packaging and contact materials, Basics of dietetics, Nutrition of selected population groups, Technological design of food industry plants, Technological design of food gastronomy plants, Food safety and quality management in food production, Food safety and quality management in gastronomy, Technological/Nutritional project, Seminars, Protection of intellectual property, Electives<sup>1\*</sup>, Electives<sup>2\*\*</sup>.

\* i.e., Carcinogens in food, alcoholic beverages and human being, Drugs, medicines and smart food components and additives, Dietary prevention, Alternative diets, Diet, environment and health;

\*\* i.e., Bioengineering in food industry, Cutting-edge technologies in food industry, Design thinking in food industry, Drying, Food preservation monitoring, Herbs, food and health, Physical properties of food, Prevention of food quality, Public health nutrition.

### Career prospects

The alumni of FSTN can find jobs in:

- engineering and technology positions in companies operating in the food industry,
- food processing plants, as well as in enterprises dealing with quality and safety management in the food chain,
- enterprises developing and supplying new technological solutions to food industry plants,
- consulting companies, commercial laboratories, food distribution and logistics,
- R&D institutes,
- companies responsible for diet planning and catering,
- facilities disseminating professional knowledge about food and nutrition and in many other institutions of the food chain.

### Fees

**4400 PLN/semester, for Polish nationals: free of charge**



## AGRICULTURE AND ECOLOGY

# Organic Agriculture and Food Production

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## Degree

Bachelor's Degree

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## Duration

6 semesters

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## Beginning from

October

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## Credits obtained

180 ECTS

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## Aim of the programme

The Faculty of Agriculture and Biology has the aim to offer the students a holistic and interdisciplinary knowledge in the area of organic agriculture and food production presented by the best specialists from different faculties of Warsaw University of Life Sciences – SGGW and from abroad. The BSc studies OAFP are constructed according to the expectations of potential employers within organic food production. The focus is on the innovative teaching methods activating students and preparing them for future employment. The studies will offer good possibilities to develop the necessary skills and knowledge in desired specialties.

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## Entry requirements

Qualification based on:

- the results of the maturity examination in biology or chemistry or mathematics;
- confirmed knowledge of English (certificate of English language at least level B2 or maturity exam in English language at an Advanced level with result at least 60%, or a document confirming completion of the high school with program in English as language of instruction).

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## Main mandatory subjects:

### 1 Year

Environment protection, Introduction to organic agriculture and husbandry, Chemistry, Basics of botany, Agrometeorology, Global food production, Informatics, Foreign language, Sustainable food production systems, Sustainable development of rural areas, Agroecology, Soil science, Microbiology of soils and plants, Animal physiology and organic nutrition, Basics of plant biochemistry and physiology, Study trip to organic farms, Food legislation or Agriculture law, Basics of human nutrition.

### 2 Year

Cropping systems, Plant breeding and seed materials, Control and certification system of organic production, Plant protection management in organic agriculture, Plant nutrition in organic system, Agricultural technologies for organic farming, Food Microbiology, Organic raw materials, Study trip to organic farms, Organic grassland farming, Organic crops, Weeds and weed management in organic farming, Methodology of scientific research, Livestock production in organic farming, Organic vegetable and fruit production, Hazards for food safety.

### 3 Year

Diploma seminar, Mathematical statistic, Organization of organic farms or Markets and marketing of organic food, Conversion of the farm into organic system, Processing of organic plant raw materials, Food safety and hygiene, Ecological aspects of food and nutrition, Processing of organic animal raw materials, International agricultural markets, Herbs in organic farming, Entrepreneurship in organic business.

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## Career prospects

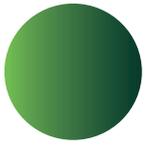
The alumni of OAFP can find jobs in organic food production, processing, trade and also in different companies connected with education, dissemination and advisory services.

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## Fees

**4 500,00 PLN/semester, for Polish nationals: free of charge**





## INFORMATICS AND ECONOMETRICS

# Big Data Analytics

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## Degree

Master's Degree

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## Duration

4 semesters

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## Beginning from

March, October

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## Credits obtained

120 ECTS

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## Aim of the programme

The Big Data Analytics specialization is focused mainly on methods of analysis of the massive datasets. Within this specialization the students will get acquainted with the technologies used for storing, processing and analyzing large data sets and with other quantitative methods of economic analysis, the computer science tools and their practical application. The students will acquire practical skills in building analytical solutions on Big Data platforms. They will become familiar with distributed and parallel processing systems. They will learn how to use basic tools to visualize large data sets. The specialization is focused on the use of high level programming languages, as well as on the design and programming of the databases. The graduates will be able to incorporate the available methods and tools into the computer analysis systems.

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## Entry requirements

- diploma of the first-cycle studies in the field of computer science and econometrics, informatics, economics, finance and accounting, logistics, mathematics;
- diploma of another field of the first cycle studies, for which the effects of education are convergent with the learning outcomes expected of the candidates; if the convergence is incomplete, the student will be obliged to supplement the competence gaps by completing the subjects specified during the interview, in an amount not exceeding 30 ECTS, which is the limit of admissible discrepancy;
- confirmed knowledge of English language.

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## Main mandatory subjects:

### 1 Year

Mathematical Economics, Dynamic and Financial Econometrics, Microeconometrics, Multidimensional Data Analysis, Operational Research – Applications, Survey Sampling, Software Engineering, Network Services, Foundations of Artificial Intelligence, Advanced Programming, Network Security, Oracle Databases, Processing massive datasets.

### 2 Year

Theory of Forecasting and Simulations, Basics of Financial Engineering, Advanced data exploration techniques for big data, Deep Learning Methods, Statistical Analysis in the Market Research, Event history analysis, Project Management, Intellectual Property Management, Selected Issues in Sociology and Psychology, Business Ethics.

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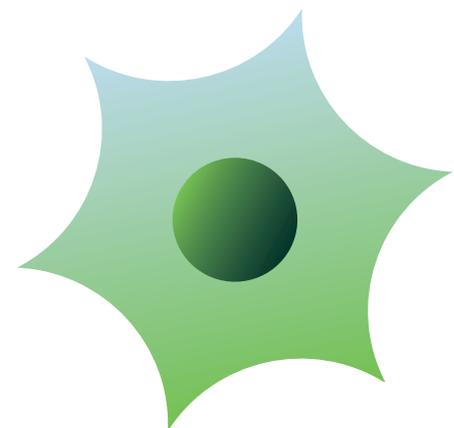
## Career prospects

The Big Data Analytics specialization prepares future analysts of massive datasets that are stored in companies and economical institutions, such as banks, stock markets, telecommunications companies etc.

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## Fees

**4100 PLN/semester, for Polish nationals: free of charge**





## CIVIL ENGINEERING

# Engineering Infrastructure

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## Degree

Master's Degree

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## Duration

3 semesters

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## Beginning from

March, October

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## Credits obtained

90 ECTS

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## Aim of the programme

The primary mission of the study is to ensure the highest quality in transferring the advanced knowledge to graduates, and provide the best understanding of Engineering Infrastructure challenges. Those issues certainly require the application of analytical, decision making, and critical thinking skills, that the students will develop during their studies. This will be achieved by delivering the best quality taught modules in topics such as structural design and geotechnical engineering.

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## Entry requirements

- diploma of the first-cycle studies (Bachelor's degree or equivalent) in the field of civil engineering
- diploma of related field of the first cycle studies, for which the effects of education are convergent with the learning outcomes expected of the candidates; if the convergence is incomplete, the student will be obliged to supplement the competence gaps by completing the subjects specified during the interview, in an amount not exceeding 30 ECTS, which is the limit of admissible discrepancy (Candidates permanently living outside Poland, who cannot come personally to interview, will be qualified based on the documentation attached to the Candidate Service System);
- in case of the number of candidates exceeding the admission limit – the average grade from first-cycle studies is taken into account;
- confirmed knowledge of the English language

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## Main mandatory subjects:

### 1 Year

Foreign language, Hydraulic structures, Environmental Hazard Assessment, Mathematics, Theory of elasticity and plasticity, Structural mechanics, Geotechnical engineering in urban and transportation infrastructure, 2 additional subjects to be chosen by the student.

### 2 Year

Complex steel structures, Construction process management, Construction- executing and process planning, Finite Element Methods (computation methods), Construction law and investment processes regulations, Advanced foundation engineering, Complex concrete structures, Timber structures, BIM in civil engineering, Diploma seminar, Intellectual property management.

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## Internship, practice

The possibility of implementing an internship (e.g. in research units) as a part of research project.

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## Career prospects

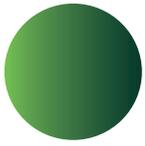
The course will equip students with a range of transferable skills, and an ideal combination for a leading career in civil engineering. It will allow demonstrating the ability to work independently on a complex topic and demonstrate initiative in the solution of engineering challenges.

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## Fees

**4100 PLN/semester, for Polish nationals: free of charge**





## ECONOMICS SCIENCES

# Finance and Accounting

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## Degree

Master's Degree

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## Duration

4 semesters

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## Beginning from

October

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## Credits obtained

120 ECTS

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## Aim of the programme

The specialization has been established to provide students with the theoretical and practical foundations of finance and accounting and acquire the necessary knowledge in the field of economics, marketing and management. Students acknowledge the principles of operation of economic entities and the relations between these entities and other institutions that create an economic environment, both on a national and international scale. They get acquainted with the regularities and effects of human economic activity. They learn how to develop individual entrepreneurship using various methods and techniques used in research in economic sciences.

The aim is to provide students with the most up-to-date knowledge that will cover the current social needs and challenges of the labour market.

## Entry requirements

- diploma of the first-cycle studies (Bachelor's degree or equivalent) in the field of economy, management, finance, accounting, logistics, tourism;
- diploma of the related field of the first cycle studies (Bachelor's degree or equivalent), for which the effects of education are convergent with the learning outcomes expected from candidates; if the convergence is incomplete, the student will be obliged to supplement the competence gaps by completing the subjects specified during the interview, in an amount not exceeding 30 ECTS, which is the limit of admissible discrepancy;
- the average grade from first-cycle studies;
- confirmed knowledge of English language

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## Main mandatory subjects:

### 1 Year

Monetary policy, credit institution management, forecasting and simulation, cost accounting, risk theory, financial law, dynamic and financial econometrics, controlling in a bank, managerial accounting, intellectual property management, financial reporting, financial consulting, financial engineering, international finance, investment portfolio, advanced financial accounting, IT systems in financial institutions, tax accounting, diploma seminar.

### 2 Year

Contemporary theories in finance, international accounting, facultative subjects (8 of them during 3rd and 4th semester), diploma seminar.

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## Career prospects

Students gain advanced knowledge in the field of finance and accounting, the functioning of financial institutions. They get the ability to analyze basic economic phenomena and the economic and financial situation of economic units. The graduates are prepared to work in enterprises, organizations and public and non-governmental institutions, including financial institutions. They also gain the necessary knowledge and skills to run a business independently.

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## Fees

**4100 PLN/semester , for Polish nationals: free of charge**





## FORESTRY

# Forest Information Technology

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## Degree

Master's Degree

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## Duration

4 semesters

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## Beginning from

March, October

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## Credits obtained

120 ECTS

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## Aim of the programme

The international Master study programme "Forest Information Technology (FIT)" is an interdisciplinary, bilateral, programme taught at the Eberswalde University for Sustainable Development (EUSD) and the Warsaw University of Life Sciences (SGGW) in Poland. The M.Sc. programme focusses on environmental information technologies (EIS) and Green IT such as Machine Learning technologies, applied programming and databases, forest ecosystem modelling, remote sensing and geographic information systems. With an interdisciplinary approach, the study programme offers conceptual knowledge about sustainable forest ecosystems combined with innovative IT -technical solutions to address a range of issues, from local forest management to global climate change. Since its start in 2005, the FIT is continuously accredited in Germany by ASIIN and in Poland by PKA.

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## Entry requirements

- diploma of the first-cycle studies (Bachelor's degree or equivalent) in the field of forestry;
- diploma of related field of the first cycle studies, for which the effects of education are convergent with the learning outcomes expected of the candidates; if the convergence is incomplete, the student will be obliged to supplement the competence gaps by completing the subjects specified during the interview, in an amount not exceeding 30 ECTS, which is the limit of admissible discrepancy (Candidates permanently living outside Poland, who cannot come personally to interview, will be qualified on the basis of the documentation attached to the Candidate Service System);
- in the case of the number of candidates exceeding the admission limit
- the average grade from first-cycle studies is taken in to account;
- confirmed knowledge of English language

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## Main mandatory subjects:

### 1 Year

**1st Semester:** Eberswalde University for Sustainable Development; covers principles of innovative Forest-IT and environmental information technology (main mandatory subjects: Geomatics, Data Analysis & Management).

**2nd Semester:** Warsaw University of Life Sciences; focuses on the application of information technologies (IT) in forest and environment related subjects and forest management topics (main mandatory subjects: Geomatics, Data Analysis & Management, Operational Forestry).

### 2 Year

**3rd Semester:** During the 3rd semester at either location FIT students pursue an independent research project framed by a range of elective modules topics (main mandatory subjects: Research project, Operational Forestry).

**4th Semester:** During the 4th semester at either location students work on their Master thesis supplemented by further elective modules main mandatory subjects: Master thesis & defense, Student Research Colloquium).

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## Internship, practice

The possibility of implementing an internship (e.g. in research units) as a part of research project.

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## Career prospects

Graduated FIT students are ready to compete on a diversified but also on a highly specialized job market of Green IT and environmental data analytics, natural resource management and applied research in the forest and environmental sector in Europe or beyond. FIT graduates hold a double degree certificate from two European higher Education Institutes, the Eberswalde University for Sustainable Development and the Warsaw University of Life Sciences. Both certificates enable entering various European and international job markets with a focus digital technologies or sustainable natural resource management and empirical ecological research using digital data and forest and environmental management, ecological consultancy and others. Master certificates issued by the two universities are an accepted prerequisite for continuing your studies as a PhD student or entering any other doctoral degree programme.

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## Fees

### No fee - study based on International Agreement

**Recruitment:** Foreign candidates are recruited by USDE in Germany. Applications of foreign candidates are processed by UNI-ASSIST. Number of places available: 25.



## HORTICULTURE

# Horticulture

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### Degree

Master's Degree

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### Duration

3 semesters

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### Beginning from

March, October

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### Credits obtained

93 ECTS

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### Aim of the programme

The goal is to make an educational offer of the second cycle studies in the field of General Horticulture and therefore increase chances in the Polish and international job markets. We encourage students to take part in a project offering financial support for the second cycle studies with English as the teaching language in the field of Horticulture. Presented study also improve the internationalization of the Faculty of Horticulture.

Study also provides with competencies in soft skills: problem-solving; accumulation, elaboration and critical data analysis; propagation of knowledge, working in the multidisciplinary team.

As part of General Horticulture, we offer a wide range of practical classes, including work in a modern greenhouse and analytical laboratories.

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### Entry requirements

Diploma of the first-level studies on plants (Horticulture, Forestry, Agriculture, etc.) in the field of environmental protection;

- diploma of related field of the first cycle studies, for which the effects of education are convergent with the learning outcomes expected of the candidates; if the convergence is incomplete, the student will be obliged to supplement the competence gaps by completing the subjects specified during the interview, in an amount not exceeding 30 ECTS, which is the limit of admissible discrepancy (Candidates permanently living outside Poland, who cannot come personally to interview, will be qualified on the basis of the documentation attached to the Candidate Service System);
- in the case of the number of candidates exceeding the admission limit the average grade from first-cycle studies is taken in to account;
- confirmed knowledge of English language;

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### Main mandatory subjects:

#### 1 Year

Herbal raw materials, Plant functioning under environmental stresses, Advanced information technologies, Intellectual property, Molecular biology, Sustainable horticulture, Diploma seminar, Facultative subjects: Ornamental plants in human environment, Fruits of the world, Medicinal and aromatic plants, Applied of plant pathology, Seeds production, Dendrology.

#### 2 Year

Ecotoxicology, Plant Laboratory, The microworld of fungi, Insect behavior – from mechanisms to practical issues, Modern technologies in plant production, Diploma seminar, Facultative subjects: Propagation of ornamental plants, Integrated pests management, Biological control, Breeding methods of fruit plants, Propagation of fruits plants, Plants in human diet, Breeding methods of ornamental plants.

#### 3 Year

Diploma seminar, Facultative subjects: Business law, Plants' mysteries under microscope, Indoor flowers arrangements, Ecology of microorganisms, Quality evaluation of plant products, Physiological basis of vegetable and medicinal plants production.

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### Career prospects

- in horticultural production
- private agribusiness
- horticultural consulting
- raw materials and cosmetic laboratories
- education
- scientific and research institutions

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### Fees

**4100 PLN/semester, for Polish nationals: free of charge**





## ENVIRONMENTAL ENGINEERING

# Modern Engineering in Water Management

## Degree

Master of Science- MSc

## Duration

3 semesters

## Beginning from

March, October

## Credits obtained

90 ECTS

## Aim of the programme

The Faculty of Civil and Environmental Engineering at SGGW, will launch the new international studies "Modern engineering in water management". The Faculty of Civil and Environmental Engineering has the aim to offer the students holistic and interdisciplinary knowledge in the area of water management and environmental engineering. Specialists from different faculties of Warsaw University of Life Sciences (SGGW) and visiting professors from abroad will present the contents.

Studies are focused on both technical and ecological aspects of the environment, emphasizing the role of the human in shaping sustainable landscapes and ecosystems. Specifically, students will obtain a complex knowledge of the integral approach in water management in the age of environmental droughts and climate change. The program is divided into three semesters. It consists of lectures, seminars, workshops, labworks, and field research conducted in both partner countries: Poland and Kazakhstan.

## Entry requirements

- diploma of engineer of related field of the first cycle studies, for which the effects of education are convergent with the learning outcomes expected of the candidates; if the convergence is incomplete, the student will be obliged to supplement the competence gaps by completing the subjects specified during the interview, in an amount not exceeding 30 ECTS, which is the limit of admissible discrepancy (Candidates permanently living outside Poland, who cannot come personally to interview, will be qualified on the basis of the documentation attached to the Candidate Service System);
- in case of number of candidates exceeding the admission limit – in the first place the graduates from first cycle studies in environmental engineering will be admitted based on the average grade from first-cycle studies; in the second place the graduates from first cycle studies in related fields of study will be admitted based on the average grade from first-cycle studies;
- confirmed knowledge of English language.

## Career prospects

The course will equip students with a range of transferable skills, and an ideal combination for a leading career in environmental engineering. It will allow demonstrating the ability to work independently on a complex topic and demonstrate initiative in the solution of engineering challenges.

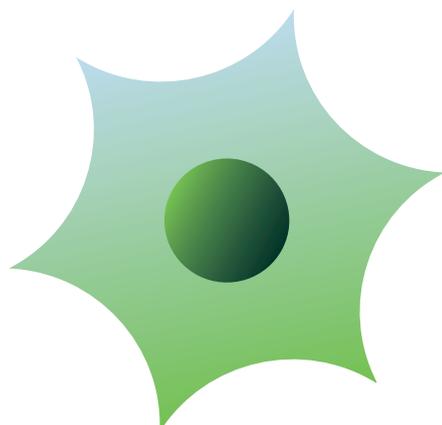
## Fees

**4100 PLN/semester, for Polish nationals: free of charge**

## Detailed information can be found at:



<https://iis.sggw.edu.pl/institute-of-environmental-engineering/about-the-institute/cathedral/departement-of-remote-sensing-and-environmental-assessment/pokaz-international-joint-degree-master-programme/?lang=en>





## ENVIRONMENTAL PROTECTION

# Restoration and Management of Environment

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## Degree

Master's Degree

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## Duration

3 semesters

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## Beginning from

October

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## Credits obtained

90 ECTS

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## Aim of the programme

The Restoration and management of environment (RME) aims at providing students with comprehensive and interdisciplinary environmental knowledge presented by the best specialists from a range of scientific areas. Studies are focused on both technical and ecological aspects of the environment, emphasizing the role of human in shaping sustainable landscapes and ecosystems. The programme is divided into three semesters. It consists of lectures, seminars, labworks and field research.

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## Entry requirements

Diploma of the first-cycle studies (Bachelor's degree or equivalent) in the field of environmental protection;

- diploma of related field of the first cycle studies, for which the effects of education are convergent with the learning outcomes expected of the candidates; if the convergence is incomplete, the student will be obliged to supplement the competence gaps by completing the subjects specified during the interview, in an amount not exceeding 30 ECTS, which is the limit of admissible discrepancy (Candidates permanently living outside Poland, who cannot come personally to interview, will be qualified on the basis of the documentation attached to the Candidate Service System);
- in the case of the number of candidates exceeding the admission limit the average grade from first-cycle studies is taken in to account;
- confirmed knowledge of English language;

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## Main mandatory subjects:

### 1 Year

Mathematics and statistics, Food in Culture and Society, Tourism in protected areas, Ecotoxicology, Landscape planning by ecological methods, Hydrogenic soils, Plant adaptation to environmental stresses, Integrated water resources management and restoration, Elective (Contemporary challenges in wetlands restoration or Integrated floodplain protection) or Foreign language, Environmental policy, Ecological bases of nature conservation, Processes of decision support, Spatial planning, Risk analysis, Soil biology, Ecological infrastructure in agricultural landscapes, Restoration to ecosystems of wild medicinal plants, Land and water conservation, Ecological engineering for environmental protection, Soil hazard pollution and protection, Hydrological modeling with GIS Case study of environmental protection – part I.

### 2 Year

Environmental processes modeling, Faunal research or River Ecological Surveys, Case study of environmental protection – part II., Diploma seminar, M.Sc. dissertation.

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## Career prospects

Careers in environmental protection involve jobs that aim in reduction of negative human pressure on natural environment, restoration of degraded ecosystems, sustainable use of environmental resources, environmental education and creating environmental policy.

Graduates will be ready to work in the fields of environmental planning and analysis, environmental policy, legislation, and regulation, natural resources conservation and management, environmental engineering and environmental education, communication and advocacy and fundraising. Possible jobs include governmental positions, coordination of environmental agencies and NGOs, environmental consulting, technologist in industry, environmental engineering, research and teaching positions in schools and universities.

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## Fees

**4100 PLN/semester, for Polish nationals: free of charge**



VETERINARY MEDICINE

# Veterinary Medicine



## Degree

Veterinary Surgeon / Doctor of Veterinary Medicine

## Duration

Long cycle 11 semesters master's program

## Beginning from

March, October

## Credits obtained

DVM degree requires the completion of 360 ECTS

## Aim of the programme

Study offering for veterinary medicine through the careful and competent selection of program content provides students of long-cycle Master's degree program with:

- knowledge, skills and competences required to describe rules and mechanisms underlining animal health, diagnose disease and implement therapy in a single animals or in a herd;
- competence in protection of public health via monitoring of animal feed, animal production, production facilities, products of animal origin and distribution and transport of animals and products of animal origin;
- competences in soft skills: problem solving, accumulation, elaboration, critical analysis and propagation of knowledge, working in the multidisciplinary team.

## Entry requirements

Recruitment to the program is handled by external recruiting agency, the International Medicine Studies ([www.ims-medstudy.com](http://www.ims-medstudy.com); [info@ims-medstudy.com](mailto:info@ims-medstudy.com)). Finished secondary level education and the diploma recognized by EU is required for application to the course. Candidates are required to take biology and chemistry exam.

## Main mandatory subjects:

### 1 Year

Anatomy, cell biology, histology & embryology, biology, chemistry, biophysics, information technology, Latin, copyrights, genetics, biostatistics, agronomy

### 2 Year

Biochemistry, physiology, animal husbandry and breeding, ethology, epidemiology, microbiology, immunology

### 3 Year

Parasitology, pathophysiology, pharmacology, clinical and laboratory diagnostics, general surgery and anesthesiology, public health, bee diseases, pathomorphology

### 4 Year

Farm animal and equine diseases, meat hygiene, pathomorphology, feed hygiene, imagine diagnostics, safety of animal-origin food, zoonosis, toxicology, andrology, fish diseases, ethical aspects of veterinary practice

### 5 Year

Dogs and cat diseases, dietetics, avian diseases, administration and legal aspects in veterinary, fur animal diseases, veterinary prevention, milk hygiene, clinic rotations

### 6 Year

Clinical rotations, herd health management

## Internship, practice

Student is obliged to complete: husbandry practice (80 h/2 weeks), veterinary inspection (80 h / 2 weeks twice), clinical practice (160 h / 4 weeks twice).

## Career prospects

- veterinary surgeon / doctor of veterinary medicine in small animals, large animals or mixed practices
- veterinary inspection / public health protection agencies
- veterinary border control
- general, medical and veterinary research (PhD studies, re-research companies and institutions)
- laboratory practice
- animal health protection agencies
- pharmaceutical industry

## Fees

**4800€ for winter semester**

**3600€ for summer semester**

# Doctoral School of Warsaw University of Life Sciences

WARSAW  
UNIVERSITY  
OF LIFE SCIENCES



Education of doctoral studies are conducted at the general academic, multidisciplinary Doctoral School. Its task is to prepare students for obtaining a doctoral degree. Education lasts four years and is divided into eight semesters.

The program is dedicated to the Polish and international Ph.D students, beneficiaries of the National Agency for Academic Exchange's Scholarships who aspire to gain advanced knowledge, skills and competence in a particular academic field of study and to everyone who strive to reach a higher level of their professional career. Education may be undertaken by a person who has a master's diploma or a diploma entitling to apply for a doctoral degree issued by a given institution in accordance with the higher education regulations in force in the country of issue of the diploma.

The School's offer comprises an educational path shared by all doctoral students as well as specialist paths corresponding with particular fields of study/disciplines.

The first stage is common for all Ph.D students enabling integration and exchange of experience. In agreement with supervisors, doctoral students also commence specialist education by participating in seminars and work of particular institutes.

The second stage is partly pursued within specialist paths in the particular discipline and area of individual PhD projects. The shared part of education is expected to foster interdisciplinary perception of academic problems. Moreover, the syllabus provides for classes in English conducted via an online platform.

**Fields of study:**

At present 12 fields of study are available:

**Agricultural sciences:**

- \* forestry sciences,
- \* agriculture and horticulture,
- \* food and nutrition technology,
- \* veterinary medicine,
- \* zootechnics and fishery

**Engineering and technical sciences:**

- \* civil engineering and transport,
- \* mechanical engineering,
- \* environmental engineering, mining and power engineering,
- \* information and telecommunications technology

**Social sciences:**

- \* economic and finance
- \* sociology

**Exact and natural sciences:**

- \* biological sciences.

**Admission procedure:**

The recruitment process consists of the following stages:

- \* The Doctoral School prepare biographical notes on its academic staff, which let candidates become acquainted with their accomplishments, scope of research and select the supervisor. The notes are usually published on May at the University's website
- \* Candidates file documents at the Doctoral School secretariat (August/September)
- \* Recruitment interviews are held at particular institutes (September)
- \* The list of accepted candidates is published by September 30 at the latest.

**Career paths:**

One of the main educational objectives in education of doctoral studies is to reconstruct academic staff resources. The graduate will be prepared for an independent scientific and teaching activities at universities and research institutes. In addition, doctoral studies cater for the needs of many entities related to practical activity. In this case they are carried out on the basis of cooperation agreement concluded with employer as part of implementation doctoral studies.

**What we know is a drop, what we don't is an ocean.**

(Isaac Newton)



# WePoint

Welcome to SGGW

**WePoint – Welcome to SGGW** is a new organizational unit, set up in June 2021, whose mission is to provide information and support to the foreign students and staff starting their stay at SGGW.

WePoint is a place where, after their arrival at SGGW, the international guests can receive the necessary guidance in relation to studying, working, and living in Poland.

## WePoint:

- delivers information about the University, the city and the country;
- provides support in residence legalization and health insurance process;
- assists with everyday problems as to stay at the university;
- enhances integration between international and local students and staff by organizing trainings and events whose aim is to help to overcome cultural and language barriers;
- shapes the attitude of openness in the academic environment.

**Contact the WePoint at:**  
wepoint@sggw.edu.pl

**Detailed information can be found at:**



<https://www.sggw.edu.pl/en/home/collaboration-and-services/international-cooperation/welcome-information-package/>

**WePoint's friendly staff will help you to make your stay at SGGW an unforgettable experience!**









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**Apply at:**



<https://www.sggw.edu.pl/en/recruitment/>

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