SGGW for International Students

Study Offer

- Organic Agriculture and Food Production
- Civil Engineering
- Environmental Protection
- Forestry
- Informatics and Econometrics
- Veterinary Medicine
- Modern Engineering in Water Management
- Horticulture
- Finance and Accounting



WARSAW UNIVERSITY OF LIFE SCIENCES SGGW

WARSAW UNIVERSITY OF LIFE SCIENCES



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 9 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.

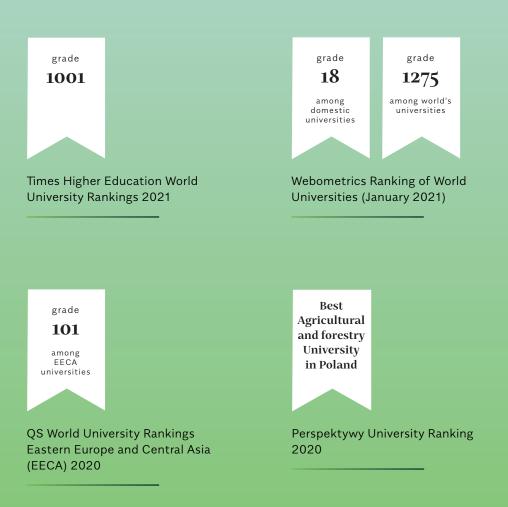
As befits a modern 21st century university, the campus provides students with everything they need. On the beautiful campus in the heart of green Ursynow in Warsaw, you can live, study and spend time with friends. On site you will find: the cult Dziekanat club, a swimming pool, sport halls, playfields 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



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!

WARSAW UNIVERSITY OF LIFE SCIENCES

Erasmus Student Network



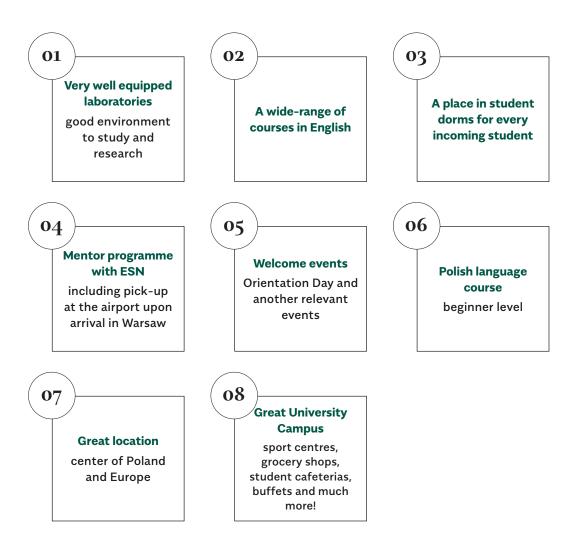
As part of the Erasmus Student Network, we truly care for the integration of incoming students with the academic community, so that each incoming student receives support and can easily settle in the campus of Warsaw University of Life Sciences.

At the academic year 2020/2021 SGGW was visited by nearly 1,000 students.



Why SGGW?

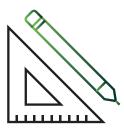
Compared to competitive EU countries, the tuition fees in Poland are really competitive and the costs of living are much lower than costs in other European cities.







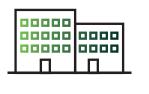
13 faculties



39 fields of study



1,500 didactic rooms







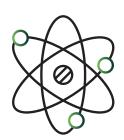
720,000 sqm campus



16,000 students







300 classrooms



24 lecture halls



1,200 academic teachers



9 study programmes in English



275 joint research and teaching with foreign universities and institutions

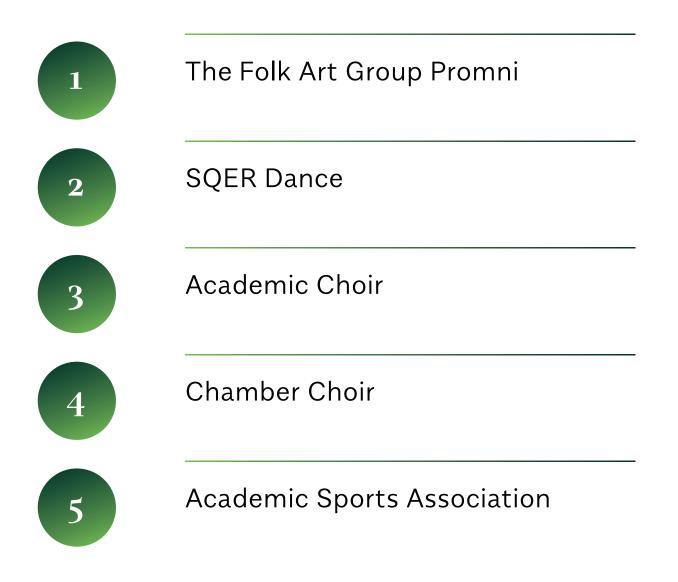


475 agreements and statements with foreign universities









Modern sports facilities





CIVIL ENGINEERING

Engineering Infrastructure

Degree

Master's Degree

Duration

3 semesters

Beginning from

March, October

Credits obtained

MSc diploma, 90 ECTS

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.

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

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.

Internship, practice

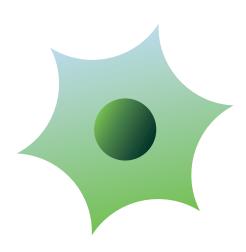
The possibility of implementing an internship (e.g. in research units) as a part of research project.

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.

Fees

4100 PLN / semester





FORESTRY Forest Information Technology

Degree

Master's Degree

Duration

4 semesters

Beginning from

March, October

Credits obtained

MSc diploma, 120 ECTS

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 (WULS) 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.

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

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).

Internship, practice

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

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.

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.



AGRICULTURE

Organic Agriculture and Food Production

Degree

Bachelor's Degree

Duration

6 semesters

Beginning from

March, October

Credits obtained

Bachelor diploma, 236 ECTS.

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.

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).

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.

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.

Fees

4 500,00 PLN / semester

Restoration and Management of Environment

Degree

Master's Degree

Duration

3 semesters

Beginning from

March, October

Credits obtained

MSc diploma, 90 ECTS

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.

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;

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.

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.

Fees

4100 PLN/semester

Charges for documents, accommodation in a student dormitory, repetition of classes – in accordance with internal University regulations.



Big Data Analytics

Degree

Master's Degree

Duration

4 semesters

Beginning from

March, October

Credits obtained

120 ECTS

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.

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.

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.

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.

Fees

4100 PLN/ semester





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; 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, research companies and institutions)
- laboratory practice
- animal health protection agencies
- pharmaceutical industry

Fees

4800€ for winter semester

3600€ for summer semester

ENVIRONMENTAL ENGINEERING

Modern Engineering in Water Management

Degree

Master of Science- MSc

Duration

3 semesters

Beginning from

March, October

Credits obtained

MSc diploma, 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 form first cycle studies in environmental engineering will be addmitted base on the average grade from first-cycle studies; in the second place the graduates form first cycle studies in related fields of study will be addmitted base 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



HORTICULTURE AND BIOTECHNOLOGY Horticulture

Degree

Master's Degree

Duration

3 semesters

Beginning from

March

Credits obtained

93 ECTS

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.

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;

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.

Career prospects

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

Fees

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



ECONOMICS SCIENCES Finance and Accounting

Degree

Master's Degree

Duration

4 semesters

Beginning from

October

Credits obtained

MSc diploma, 120 ECTS

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

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

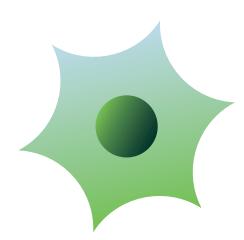
Contemporary theories in finance, international accounting, facultative subjects (8 of them during 3rd and 4th semester), diploma seminar.

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.

Fees

for foreigners: 4100 PLN/semester







www.sggw.edu.pl