Studies in English

Studia w języku angielskim dla kandydatów z Polski i zagranicy

Biotechnology

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. The study programme aims to provide a solid foundation for future careers in food and pharmaceutical industry, diagnostics, plant breeding companies, research institutions and many others. Special attention is paid to 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

- biology
- mathematics or chemistry or physics
- a certificate confirming knowledge of English language on at least B2 level or the Advanced English Matriculation exam result at the level above 60%

Degree:	Duration (semesters):	Credits obtained:
Bachelor of Engineering	7	**BEng diploma, 210 ECTS**

Food Science: Technology and Nutrition

Food Science: Technology and Nutrition aims to provide students with the most up-to-date knowledge and skills in the field of modern technologies, food processing and human nutrition. The programme has a high number of contact hours including a significant proportion of practical laboratory activities with experiments conducted in groups or individually. The study programme also offers lectures, tutorials and project-based teaching as well. In addition to acquiring knowledge-related to technological processes and human nutrition, graduates will be able to identify and manage chemical, biological and physical hazards during food production, processing, distribution and storage, affecting food safety and nutritional value.

entry requirements

- biology or chemistry or mathematics
- a certificate confirming knowledge of English language on at least B2 level or the Advanced English Matriculation exam result at the level above 60%

Degree:	Duration (semesters):	Credits obtained:
Bachelor's degree	**6**	**BSc diploma, 180 ECTS**

Organic Agriculture and Food Production

The Faculty of Agriculture and Ecology aims 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 abroad. The OAFP BSc study programme is constructed according to the expectations of potential employers within organic food production industry. The focus lies in the innovative teaching methods activating students and preparing them for future employment. The studies offer possibilities to develop the necessary skills and knowledge needed in desired specialties.

entry requirements

- biology or chemistry or mathematics
- a certificate confirming knowledge of English language on at least B2 level or the Advanced English Matriculation exam result at the level above 60%

Degree:	Duration (semesters):	Credits obtained:
Bachelor's degree	**6**	**BSc diploma, 180 ECTS**

Civil Engineering

Engineering Infrastructure

The primary aim 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 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 modules in topics such as structural design and geotechnical engineering.

entry requirements:
diploma of related field of first cycle, confirmed knowledge of the English language, in case of the number of candidates exceeding the admission limit - the average grade from first cycle studies is taken into account

Degree:	Duration (semesters):	Credits obtained:
Master's degree	**3**	**MSc diploma, 90 ECTS**

Environmental Engineering

Modern Engineering in Water Management

Modern Engineering in Water Management is the new international studies course launched by the Faculty of Civil and Environmental Engineering at SGGW. 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 programme is divided into three semesters.

entry requirements:
diploma of related field of first cycle, confirmed knowledge of the English language, in case of the number of candidates exceeding the admission limit - the average grade from first cycle studies is taken into account

Degree:	Duration (semesters):	Credits obtained:
Master's degree	**3**	**MSc diploma, 90 ECTS**

Environmental Protection

Restoration and Management of Environment

Restoration and Management of Environment 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 related field of first cycle, confirmed knowledge of the English language, in case of the number of candidates exceeding the admission limit - the average grade from first cycle studies is taken into account

Degree:	Duration (semesters):	Credits obtained:
Master's degree	**3**	**MSc diploma, 91 ECTS**

Finance and Accounting

The specialization has been established to provide students with the theoretical and practical foundations of finance and accounting and let them acquire of economics, marketing and management. Students will get to know with 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 of study 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 related field of first cycle, confirmed knowledge of the English language, in case of the number of candidates exceeding the admission limit - the average grade from first cycle studies is taken into account

Degree:	Duration (semesters):	Credits obtained:
Master's degree	**4**	**MSc diploma, 120 ECTS**

Forestry

Forest Information Technology

Forest Information Technology (FIT) is an interdisciplinary, bilateral, international programme taught at the Eberswalde University for Sustainable Development (EUSD) and the Warsaw University of Life Sciences (SGGW) in Poland. The MSc programme focusses on environmental information technologies (EIS) and Green IT such as machine learning technologies (MLT), 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 related field of first cycle, confirmed knowledge of the English language, in case of the number of candidates exceeding the admission limit - the average grade from first cycle studies is taken into account

Degree:	Duration (semesters):	Credits obtained:
Master's degree	**4**	**MSc diploma, 120 ECTS**

Horticulture

General Horticulture

Study offers the second cycle studies in the field of general horticulture. It provides a wide range of practical classes, including work in a modern greenhouse and analytical laboratories. Teaching programme focuses on plant functioning under environmental stresses, molecular biology, applied plant pathology, modern technologies in plant production and the microworld of fungi. Studies increase chances in the Polish and international job market. Graduates can work in horticultural production and consulting, raw materials and cosmetic laboratories and scientific and research institutions.

entry requirements:
diploma of related field of first cycle, confirmed knowledge of the English language, in case of the number of candidates exceeding the admission limit - the average grade from first cycle studies is taken into account

Degree:	Duration (semesters):	Credits obtained:
Master's degree	**3**	**MSc diploma, 90 ECTS**

Informatics and Econometrics

Big Data Analytics

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 applications. 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 related field of first cycle, confirmed knowledge of the English language, in case of the number of candidates exceeding the admission limit - the average grade from first cycle studies is taken into account

Degree:	Duration (semesters):	Credits obtained:
Master's degree	**4**	**MSc diploma, 120 ECTS**

Veterinary Medicine

Veterinary Medicine ranked **FIRST** according to Perspektywy University Ranking 2022 by Study Fields

Well-matched programme of the study offer for veterinary medicine provides students of long-cycle Master's degree programme with:

- knowledge, skills and competences required to describe rules and mechanisms underlining animal health, diagnose disease and implement therapy of a single animal or of 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:

- the recruitment process through the IMS **https://ims-medstudy.com/**
- biology and chemistry exam in English
- more information on our website **www.fvm.sggw.edu.pl**

Degree:	Duration (semesters):	Credits obtained:
Veterinary Surgeon / / Doctor of Veterinary Medicine	**11 (long cycle)**	**DVM degree requires the completion of 360 ECTS**