



Erasmus+



UNIwersYTET
PRZYRODniczo-HUMANISTYCZNY W SIEDLCACH

Siedlce
University



University of Natural Sciences and
Humanities in Siedlce
it is a university with more than 45 years of
tradition!

Poland

- Central Europe
- South coast of Baltic Sea
- The capital: Warsaw
- Population: about 38,5 million
- Area: about 312 000 km²
- Density: 123 pers. / km²
- Currency: PLN (Polish zloty)
 - 1 PLN \approx 0.25 EUR
 - prices rather low

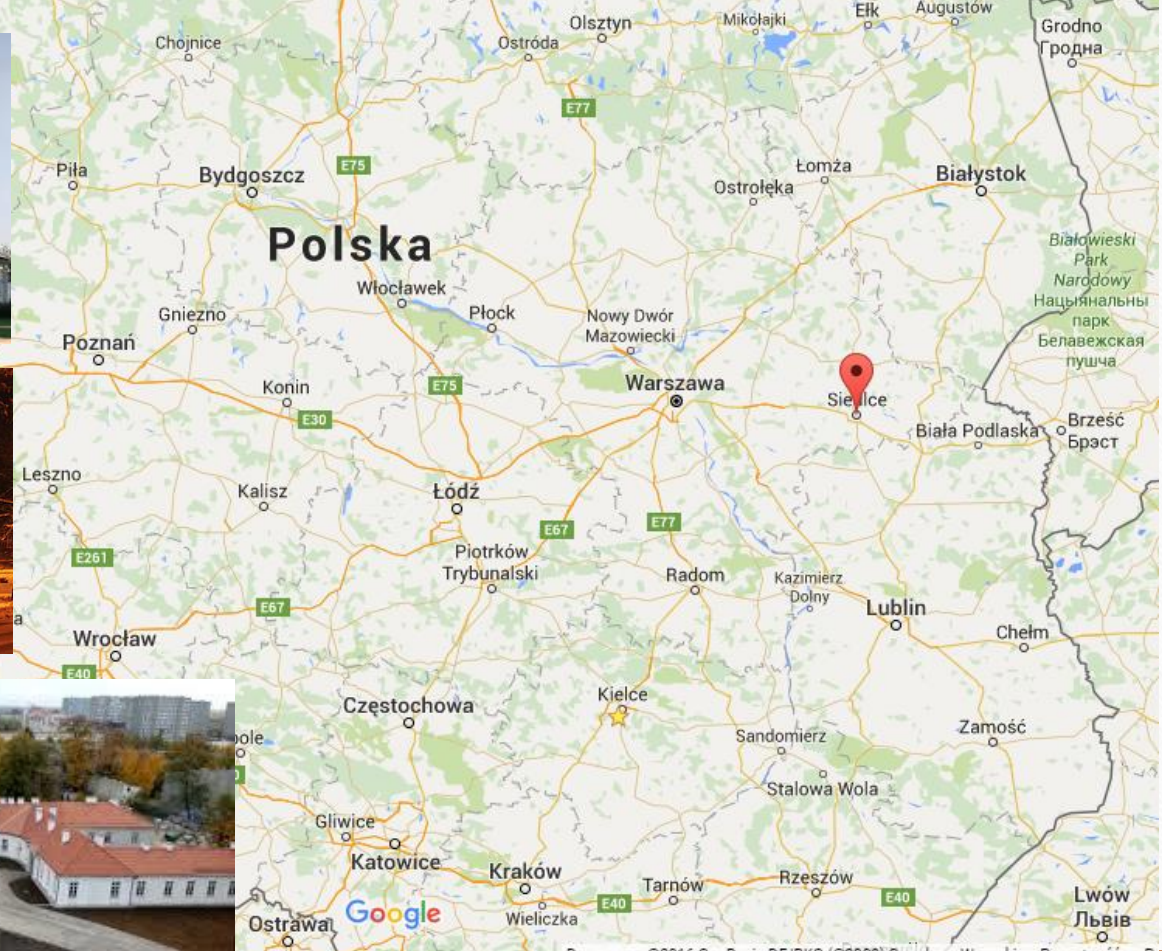




Siedlce

Location:

- 100 km east from Warsaw
- 100 km from Belarus border
- About 80 000 inhabitants



The structure of Siedlce University

Siedlce University



UNIwersytet
PRZYRODNICZO-HUMANISTYCZNY W SIEDLCACH

Faculty of Humanities

Department of Social
Science and Security

Department of Polish
Studies and Applied
Linguistics

Department of History and
International Relations

Department of Modern
Languages and
Interdisciplinary Studies

Department of Education
Study

Faculty of Natural Sciences

Department of Biology

Department of Agronomy

Department of
Bioengineering and Animal
Husbandry

Department of Health
Sciences

Faculty of Sciences

Department of
Mathematics and Physics

Department of Chemistry

Department of Computer
Science

Faculty of Economic and Legal Sciences

Department of
Administration,
Government and Law

Department of
Management and
Marketing



Faculty of Science



Faculty of Science



Study programme	First-cycle studies		Second-cycle studies	
	Planned specialization	Qualification	Planned specialization	Qualification
Chemistry	chemical rescue	Two subjects selected from: biology, chemistry, physics, computer science, foreign language, mathematics	forensic chemistry	For the same or related field of study – diploma of first-cycle studies or interview for graduate of another studies. Only for graduate with title: Engineer or title: Master of Science
	chemical analytics		applied chemistry	
	modern materials chemistry			
	forensic chemistry			
Computer science	systems and databases programming	Two subjects selected from: physics, computer science, foreign language, mathematics	computer systems security engineering	For the same or related field of study – diploma of first-cycle studies or interview for graduate of another studies. Only for graduate with title: Engineer or title: Master of Science
	computer systems and networks		design and operation of computer systems	
	computer graphics		computer networks and distributed systems	
	mobile computer systems			
Mathematics	financial and actuarial mathematics	Two subjects selected from: obligatory mathematics, selected from physics, computer science, foreign language	financial mathematics	For the same or related field of study – diploma of first-cycle studies or interview for graduate of another studies
	mathematics in finance and economy		applied mathematics	
	statistical data analysis			
Mathematics (study in English)	x	x	x	For the same or related field of study – diploma of first-cycle studies or interview in English for graduate of another studies
Intelligent modelling of technological	IT technologies supporting production processes	Two subjects selected from: mathematics, physics, chemistry, computer science, foreign language	x	x
	technologies supporting organization and management processes			

Faculty of Economic and Legal Sciences

Faculty of Economic and Legal Sciences



Study programme	First-cycle studies		Second-cycle studies	
	Planned specialization	Qualification	Planned specialization	Qualification
Administration	self-government administration	Two subjects selected from: geography, history, computer science, foreign language, mathematics, social studies	public management	For the same or related field of study – diploma of first-cycle studies or interview for graduate of another studies
	economic administration		economic administration	
			self-government administration	
Logistics	management of logistic processes	Two subjects selected from: geography, history, computer science, foreign language, mathematics, social studies	logistics in international transport	For the same or related field of study – diploma of first-cycle studies or interview for graduate of another studies
	logistics in enterprise		city logistics	
Management	accounting and capital management	Two subjects selected from: geography, history, computer science, foreign language, mathematics, social studies	accounting and capital management	For the same or related field of study – diploma of first-cycle studies or interview for graduate of another studies
	management of enterprises		management of small- and medium- sized enterprises	
	international business		management in logistics	
			management in sport	
Management (study in English)	X	X	management of small- and medium- sized enterprises	For the same or related field of study – diploma of first-cycle studies or interview in English for graduate of another studies
			management in logistics	

Faculty of Humanities



Faculty of Humanities



Study programme	First-cycle studies		Second-cycle studies	
	Planned specialization	Qualification	Planned specialization	Qualification
National security	European security	Two subjects selected from: obligatory foreign language, selected from geography, history, mathematics, social studies	security of state	For the same or related field of study – diploma of first-cycle studies or interview for graduate of another studies
	state security		politics and Euro-Atlantic security	
	emergency management in administration		industrial espionage	
	police services			
International security	border protection and security of border areas	Two subjects selected from: obligatory foreign language, selected from geography, history, mathematics, social studies	internal security services	For the same or related field of study – diploma of first-cycle studies or interview for graduate of another studies
	territorial defense of the country		information security and cyberspace	
Art education in fine arts	X	Two subjects selected from: biology, geography, history, foreign language, mathematics, social studies, history of arts, computer science	X	X
Philology	english language teaching studies	Two subjects selected from: geography, history, computer science, foreign language, mathematics, social studies	English language teaching studies	For the same or related field of study – diploma of first-cycle studies or interview for graduate of another studies the condition for starting second-cycle studies in the specialty of English language teaching studies may only apply to graduates of first-cycle studies who have teaching qualifications
	business English with translation studies	Polish Matura exam („nowa Matura”): obligatory English, additional one obligatory subject selected from: Polish or another foreign language Maturity exam (known as „stara Matura”): English speaking exams; additional one obligatory subject selected from: Polish or another foreign language	business English with translation studies	
Polish philology	social communication and editing	Two subjects selected from: obligatory Polish, additional one obligatory subject selected from: foreign language, history, social studies	Polish with speech therapy	The condition for starting second-degree studies in the specialty of Polish with speech therapy is the completion of first-cycle studies in the field of Polish philology, the specialty of the Polish language with speech therapy. For the same or related field of study – diploma of first-cycle studies or interview for graduate of another studies
	Polish with speech therapy		Polish in mass media and business with an extended foreign language programme	
	teaching		social communication and editing	
History	study of archives and documentation management	Two subjects selected from: geography, history, computer science, foreign language, mathematics, social studies	study of archives and documentation management	For the same or related field of study – diploma of first-cycle studies or interview for graduate of another studies
	history & military tourism and promotion of national heritage		contemporary international relations	
	teaching of history and promotion of native history		history & military tourism and promotion of national heritage teaching of history and promotion of native history	

Faculty of Humanities



Faculty of Humanities



Study programme	First-cycle studies		Second-cycle studies	
	Planned specialization	Qualification	Planned specialization	Qualification
Applied criminology	X	Two subjects selected from: biology, chemistry, physics, geography, history, computer science, foreign language, Polish, mathematics, social studies	X	X
Criminology				For the same or related field of study – diploma of first-cycle studies or interview for graduate of another studies
Speech Pathology and Audiology	X	Interview to check the correctness of the pronunciation (b. based on spontaneous conversation and reading) and fitness for the profession contest of secondary school-leaving certificates: obligatory Polish language	X	X
Pedagogy	pre- and early-school education	Two subjects selected from: geography, history, computer science, foreign language, mathematics, social studies	children's education	Grade from the diploma
	caring and educational pedagogy with pedagogical therapy		social prophylaxi	
	social and educational pedagogy with resocialization		culture animateurship and management	
	education for security		education for security	
	culture animateurship with art therapy		pedagogy with art	
	assistant of the elderly or disabled		career counseling and career coaching	
National security (study in English)	X	X	politics and Euro-Atlantic security	For the same or related field of study – diploma of first-cycle studies or interview for graduate of another studies
5-year MA studies				
Pre-school and early-school pedagogy		Two subjects selected from: biology, geography, history, foreign language, mathematics, social studies, history of arts, computer science, social studies.	X	X
Special pedagogy	education and rehabilitation of people with intellectual disability	Two subjects selected from: geography, history, computer science, foreign language, mathematics, social studies	X	X
	resocialization with social prevention			

Faculty of Natural Sciences



Faculty
of Natural Sciences



Study programme	First-cycle studies		Second-cycle studies	
	Planned specialization	Qualification	Planned specialization	Qualification
Analytics with molecular diagnostics	X	Two subjects selected from: biology, chemistry, physics, computer science, foreign language, mathematics	X	-
Ecological engineering	bioengineering of vegetable foods	Two subjects selected from: biology, chemistry, geography, foreign language, mathematics	X	For the same or related field of study - diploma of first-cycle studies or interview for graduate of another studies. Only for graduate with title: Engineer or title: Master of Sciences
	bioengineering of production of animal foods			
Biology	X	X	biology with analytics	For the same or related field of study - diploma of first-cycle studies or interview for graduate of another studies.
			environmental biology with ecotourism	
			environmental management	
			experimental biology with biotechnology	
Dietetics	catering in dietetic	Two subjects selected from: biology, chemistry, physics, computer science, foreign language, mathematics	X	For the same or related field of study - diploma of first-cycle studies or interview for graduate of another studies
	dietetic and nutrition guidance			
Forensic biology	X	Two subjects selected from: biology, chemistry, physics, foreign language, mathematics, social studies	X	X
Gastronomy, catering and hotel management	X	chemistry, physics, foreign language, computer science, mathematics	X	X
Food production and distribution manager	X	Two subjects selected from: chemistry, physics, foreign language, mathematics	X	X
Nursing (six-semester studies)	X	chemistry, physics, foreign language, mathematics	X	X
Nursing (seven-semester studies for working people)	X	Two subjects selected from: chemistry, physics, foreign language, mathematics	X	X

Faculty of Natural Sciences



Faculty
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Study programme	First-cycle studies		Second-cycle studies	
	Planned specialization	Qualification	Planned specialization	Qualification
Spatial economy	X	Two subjects selected from: biology, chemistry, physics, geography, foreign language, mathematics, social studies	X	X
Medical rescue	X	Two subjects selected from: biology, chemistry, physics, geography, foreign language, computer science, mathematics	X	X
Agriculture	agribusiness	Two subjects selected from: biology, chemistry, physics, geography, foreign language, mathematics, social studies	agribusiness	For the same or related field of study - diploma of first-cycle studies or interview for graduate of another studies. Only for graduate with title: Engineer or title: Master of Sciences
	agronomy with landscape architecture		agronomy with landscape architecture	
	renewable energy sources with environmental protection		renewable energy sources with environmental protection rural development	
Tourism and recreation	X	Two subjects selected from: biology, chemistry, physics, geography, foreign language, mathematics, social studies	X	For the same or related field of study - diploma of first-cycle studies or interview for graduate of another studies
Animal husbandry	hippology	Two subjects selected from: biology, chemistry, physics, geography, foreign language, mathematics, social studies	animal breeding	For the same or related field of study - diploma of first-cycle studies or interview for graduate of another studies. Only for graduate with title: Engineer or title: Master of Sciences
	animal breeding		evaluation and utilisation of animal products	
	evaluation and utilisation of animal products veterinary prevention in animal husbandry		breeding animals for hobby and therapy	
Zoopsychology and Animal Assisted Therapy	X	Two subjects selected from: biology, chemistry, physics, geography, foreign language, mathematics, social studies	X	X
5-year MA studies				
Medical analytics Planned launch	X	Two subjects selected from: chemistry, physics, foreign language, mathematics	X	X

Institute of Computer Science

- Currently our staff is about 40 people
- We teach about 300 students
- Student Scientific Association Genbit
- Annually Conference on Computer Games Engineering
- Academic Gallery of Photography



Institute of Computer Science

First-cycle studies (engineering)

- stationary and part-time,
- 7 semesters (3.5 years),
- engineering thesis and diploma exam

second-cycle studies (master's degree)

- stationary and part-time,
- 3 semesters (1.5 years),
- master's thesis and diploma exam

First cycle studies in computer science

Specialty - Programing of the Systems and databases

- Advanced programming
- Database systems
- Internet and distributed applications
- Advanced systems of computer graphics



First cycle studies in Computer Science

Specialty - Systems and computer networks

- Operational Distributed systems
- Advanced computer networks
- Design and network administration
- Advanced internet technologies



First cycle studies in Computer Science

Specialty - Computer Graphics

- Acquisition and processing of virtual information
- Computer Game programming
- Computer Animation systems
- Graphics applications



Second cycle studies (Master) in Computer Science

Specialty - Computer Networks and distributed systems

- Distributed Processing environments
- Distributed System design
- Advanced computer networks
- Designing computer networks



Second cycle studies (Master) in Computer Science

Specialty - Design and operation of IT systems

- Designing distributed and web applications
- Multimedia and object databases
- Data warehouses
- Administration of database systems



Second cycle studies (Master) in Computer Science

computer security Systems engineering

- Cryptographic systems
- Security technologies and systems
- Security applications in the network environment
- Intrusion detection systems



Teaching base

- Computer network of the Institute of Computer Science:
 - Academic Computer Network and EDUROAM network (access via WiFi),

- fiber optic network between the buildings of the institute,

servers in the backbone network:

- application servers (e.g. SAP/R3)
- mail account servers
- website servers
- access and update servers
- Computing cluster with 16 compute nodes, HP M disk array and HP RX2600 management node and firewall



Teaching base

- 15 laboratories equipped with about 220 computer workstations

- 2 lecture halls and auditoriums

Different didactic applications:

- Microsoft MSDNAA software for students
- Database software
- Graphical applications
- Programing Languages and development environments



msdn[®] academic
alliance



Scientific exchange students Erasmus+

Opportunity to study abroad, incl.

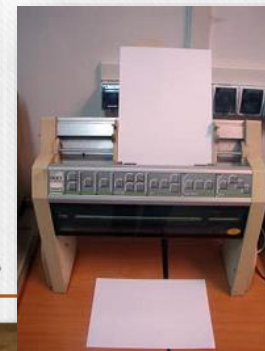
Athlone Institute of
Technology (Ireland)

Centria University of Applied
Science (Finland)



Studenci niepełnosprawni

- pracownia tyfloinformatyczna
- specjalistyczny sprzęt i oprogramowanie dla użytkowników z uszkodzonym wzrokiem
- stypendia specjalne
- doświadczona kadra naukowo-dydaktyczna



Apprenticeships and internships

Cooperation of the Institute of Computer Science with companies from Siedlce, Warsaw and the surrounding area. More and more of them are companies of our graduates.

- Apprenticeships 6-month practice in IT companies or in The IT department of a large company or public institution

Technological Process Engineering

A new, interdisciplinary field of study

- The main field is computer science, Programming, databases, automation, electronics, computer networks, computer-aided design, management and production processes
- Elements of chemistry, physics, constructionConstruction chemicals, surveying and geodesy, building structures ...
- Cooperation with several large companies in the region (Stadler, Mostostal, Valiant ...)
- During studies, 9 months of internship in these companies

The activities of university

- **The integration university**

- The university in Siedlce was the first in Poland to introduce an integration education system at a higher school. At present are studying about 300 disabled students.



- **The University of children**

- Our university gives classes for the about 100 youngest students.
- In the last time were classes with national security 😊

- **The Open University**

- For adults and for anyone who wants to deepen their knowledge our University gives classes in Open University

- **The Festival of Arts and Sciences**

- The university takes part in the organization of the Festival of Arts and Sciences



Other activities

- The Chess Club
- Centre for Foreign Languages
- Centre for Physical Education and Sport
- Centre for Horse Riding
- The students edit the newspaper KURIER
- Annually student fest called: JACKONALIA

KURIER
UNIWERSYTECKI



FACTS AND FIGURES

over
30
undergraduate
(first-cycle) program-
mes of study

over
20
graduate
(second-cycle)
programmes

3
graduate
(second-cycle)
programmes
in English

40
post-diploma
courses

over
6000
students

about
80000
graduates

about
500
scientists and lecturers





over
30
student's science clubs



over
700
places



in 4 residential halls

360 places
15 working
rooms



in Main Library

over
300
research programmes

9

horses in University Horse
Riding Center

2500 m²
sports facilities
in University Sports
& Recreation Center

100 m²
ballet room

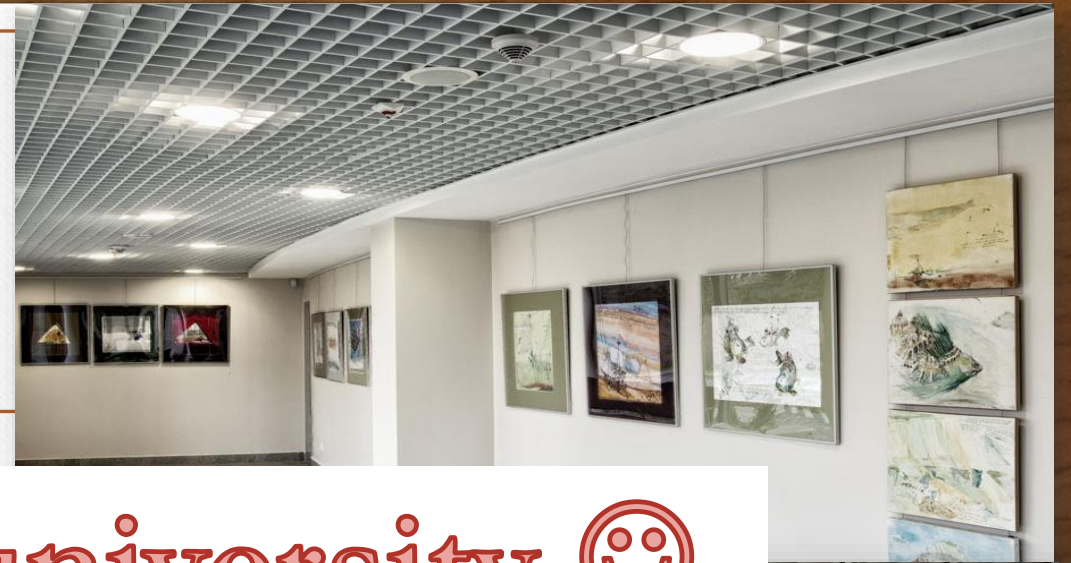
Summer resort in Masurian
Lake District – between

2
lakes

The University headquarters in the Oginski Palace



The university administration is located in the historic Palace of Alexandra Ogińska (Czartoryska) family .



Welcome to our university ☺

