

Welcome, Visitor!

As Faculty of Earth Sciences and Spatial Management, we offer education on our five main faculties:

geography, tourism and recreation, tourism management, geoinformatics and spatial management.

We have plenty of courses offered in English for Erasmus+ students:

	Subject	ECTS	Semester	Other information	Hours	Lecturer
1	Geology and geomorphology	9	winter	<u>Outline:</u> The subject includes knowledge of the construction of the Earth and the natural processes occurring deeply inside and on the surface of the Earth. It contains characteristics of the Earth's surface forms of various origin and educates in the ability to recognize essential minerals and rocks and geomorphological forms emerging in different climatic zones. The subject outlines the impact of human activities on the surface relief	40 lectures, 40 conversatories, 40 laboratories	Dr Małgorzata Telecka, Prof. dr hab. Wojciech Zgłobicki
2	Meteorology and hydrology in practice, part I	4	winter	<u>Outline:</u> The subject includes lectures on physics of the atmosphere and water management with the elements of the law. The main objective is: to present the specifics of the processes occurring in the atmosphere and to use the meteorological and climatological knowledge in a practice of human activity as well as to outline the possibility of water resources usage	60 lectures 60 conversatories	Dr. Agnieszka Krzyżewska Sr. Sylwester Wereski Dr. Katarzyna Mięsiak-Wójcik Dr hab. Stanisław Chmiel
3	Biogeography and environment protection	3	winter	<u>Outline:</u> The subject covers the issues and characteristics of the spatial distribution of biomes on the planet, phyto- and zoogeographic regions. Basic types of zonal and azonal vegetation are characterized as well as changes in the flora and fauna during the Cenozoic. Issues of biodiversity, sustainable development and global environmental problems are discussed. Forms of nature protection – both in national and international scales are presented.	20 lectures 20 conversatories	Prof. dr. hab. Irena Pidek
4	Natural heritage	4	winter or	<u>Outline:</u> Outline of the main features of natural	30 lectures	Prof. dr hab. Radosław Dobrowolski,

	of Poland		spring	environment of Poland important from the point of view of tourism and recreation. An overview of native vegetation preserved in Polish national parks and NATURA 2000 areas. Natural environment of the Lublin region against the background of the whole country. Transboundary protected areas of Eastern Poland as a chance for tourism development based on natural resources		Prof. dr hab. Irena Agnieszka Pidek
5	Geomorphology - fieldwork	2	spring	<u>Outline:</u> Fieldwork in the geomorphology are intended to familiarize students with the dominant elements of surface relief in the Lublin region. Presented are also the processes shaping the individual elements of the relief including the factors determining their intensity	32 fieldwork classes	Dr Jan Reder
6	Meteorology and hydrology in practice part II	7	spring	<u>Outline:</u> The classes include issues of synoptic meteorology and applied climatology, documentation of groundwater resources, hydrochemistry in environmental studies and natural basis of melioration.	60 lectures 60 classes	Dr. Agnieszka Krzyżewska Dr. Katarzyna Mięsiak-Wójcik Dr Sylwester Wereski Dr hab. Stanisław Chmiel
7	Pedology (soil science) – fieldwork	3	spring	<u>Outline:</u> Fieldwork of soil science aims at digging up soil pits and making the description of the soil layers, which leads to its classification and / or grading with particular emphasis on the geological structure, relief, water relations, vegetation and forms of land use.	32 fieldwork classes	Dr Jacek Chodorowski
8	Geographical regions of Poland - field exercises - Pomorze	6	spring	<u>Outline:</u> Fieldwork in the Kashubian Lake District, and in the Embankment of Gdansk and Koszalin familiarize the student with the guiding characteristics of the geographical environment of macro-regions and their basic functions in the past and present. They demonstrate how human activities are related to the components of the geographical environment and nature conservation.	48 fieldwork classes	Prof. dr hab. Radosław Dobrowolski, prof. dr hab. Sławomir Terpiłowski
9	Geographical regions of Poland - field exercises – Tatra mountains	4	spring	<u>Outline:</u> Field exercises in Bieszczady or Tatry familiarize student with the leading features of the geographical environment and the basic functions of the region. During fieldwork, students learn	48 fieldwork classes	Dr Jan Reder

				about geology, geomorphology, hydrology, climatology, environmental protection, history and cultural heritage as well as the settlement and economy of that part of Poland.		
10	Geographical regions of Poland - field exercises – Świętokrzyskie mountains	2	spring	<u>Outline:</u> Field exercises in Świętokrzyskie mountains familiarize student with the leading features of the geographical environment and the basic functions of the region. During fieldwork, students learn about geology, geomorphology, hydrology, climatology, environmental protection, history and cultural heritage as well as the settlement and economy of that part of Poland	24 fieldwork classes	Dr Renata Kołodyńska - Gawrysiak
11	Introduction to tourism	3	winter	<u>Outline:</u> This subject helps students to understand tourism by providing them the basic definitions and concepts in tourism. Students will have knowledge about history of tourism development and various types of tourism. Also the important part of subject are tourism functions and issues of its positive and negative impacts. Other topics within the subject are related to tourism economy (international tourist arrivals and receipts by UNWTO regions, ICT in tourism – social media).	30 lectures	Dr Renata Krukowska, Dr Andrzej Tucki
12	Information technology in tourism	3	winter	<u>Outline:</u> The students will develop their skills with computer graphics (GIMP), group work with google documents, website creation (google sites), create virtual tours (Google Earth), edit documents and mail merge in Microsoft Word, calculate travel costs with basic functions and pivot tables in Microsoft Excel, create tourist offers with booking networks and sites.	5 lectures, 25 laboratories	Dr Agnieszka Krzyżewska, Dr Sylwester Wereski
13	Abiotic resources in tourism	6	winter	<u>Outline:</u> This classes focus on climate resources (like spa towns, bioclimatology, extreme events), hydrological resources (oceans, rivers, lakes), geological resources (mountains, geoparks) in tourism. Students can observe those resources during fieldwork.	30 lectures, 30 conversatories	Dr Agnieszka Krzyżewska, Dr Katarzyna Mięsiak-Wójcik, Dr Joanna Sposób Dr Małgorzata Telecka, Dr Sylwester Wereski
14	Biotic resources in tourism	6	winter	<u>Outline:</u> The course introduce students to most popular tourist natural resources, like botanical	30 lectures, 30 conversatories	Prof. dr hab. Ryszard Dębicki, Prof. dr. hab. Irena Pidek

				gardens, forests, national parks.		Dr Magdalena Suchora,
	Society and culture	6	winter	<u>Outline:</u> LECTURE: The concept of identity, types of identity. Bases of identities: role, group, and person. Culture and identity. Gender identity. European identity. Racial and national stereotypes. Identity and place. Identity and religion. Identity and tourism. Food and Identity. Subcultures and identity. Orientalism and Occidentalism. CLASSES: Ethnic and national identity. Ethnic groups: Jews and Gypsy. Main ethnic groups in East Europe. Main ethnic groups in Western Europe. Main ethnic groups in Asia. Main ethnic groups in Africa. Main ethnic groups in Americas and Australia.	45 lectures 15 converatories	Dr Joanna Bielecka-Prus, Dr Kamil Mazurek
15	Cultural tourism	6	winter	<u>Outline:</u> This course introduce students the concept of cultural tourism, which is traveler's engagement with a country or region's culture, specifically the lifestyle of the people in those geographical areas, the history of those people, their art, architecture, religion(s), and other elements that helped shape their way of life.	45 lectures, 15 conversatories	Prof. dr hab. Anna Dłużewska Prof. dr hab. Wojciech Ziętara,
16	Client and customers service	5	spring	<u>Outline:</u> The course will develop communication skills in different business activities including business etiquette, intercultural communication, negotiation and persuasion. Students will learn how to prepare business correspondence, presentations in formal meetings. Students can develop their teamwork power and custom service skills	15 lectures, 45 conversatories	Prof. dr hab. Anna Dłużewska, Dr Joanna Bielecka-Prus, Dr hab. Andrzej Kapusta, Dr Andrzej Tucki
17	Ethics and Law in Tourism	5	spring	<u>Outline:</u> This course will introduce students to the laws and ethical standards that managers must abide by in tourism management. By the end of this unit students will have a clear understanding of the legal and ethical environment in which tourism management operates.	30 lectures, 30 conversatories	Dr hab. Andrzej Kapusta, Dr hab. Piotr Tosiek, Dr Waldemar Bulira,
18	Financial management and accounting	4	spring	<u>Outline:</u> LECTURES: Basics of macroeconomics and microeconomics. Basics of management and accounting. Financial analysis. Financial	15 lectures, 30 conversatories	Małgorzata Tarajko

				management. Accounting sheets, balance sheet/ Banking. CLASSES: Accounting sheets, balance sheet, revenue and expense ledger, Management in practice, HR area. Banking in practice, loan applications. Bussiness Plan. Profit and Loss Account		
19	Business environment in tourism	4	spring	<u>Outline:</u> The course covers fundamental concepts and principles of communication between people from different social and cultural backgrounds. You will learn to reflect critically upon the influence of our own culture on how we view it and how we view other cultures; to compare communication behavior verbal and nonverbal of different groups, and interpreted the behavior through culture; to apply knowledge and skills to demonstrate autonomy, expert judgement, responsibility as an effective and ethical communicator across multiple cultural context. Participants should also know the wider impact of tourism industry, thus can distinguish the actors that should be involved in the tourism process (e.g. regional tourism organizations, transport companies) and those which involvement would be helpful (lobbying).	15 lectures, 30 conversatories	Prof. dr hab. Anna Dłużewska, Dr Łukasz Lewkowicz, Prof. dr hab. Agata Ziętek
20	Reservation systems	3	spring	<u>Outline:</u> Through our classes, students learn how to operate computer reservation systems, and they study the various types of travelers, transportation systems and vacations available all over the world. The classes include an element of marketing, which shows students the methods used to direct clients to particular destinations. Students examine available transportation options and study the cost of the different activities, including tours, flights and cruises, which can help clients choose destinations that match their travel goals and their budgets. Students become familiar with the ins and outs of the industry, including high and low travel dates and the best time to travel to	30 laboratories	Mgr Monika Widz

				various locations, as well as how this affects prices and sales. The classes are offered through reservations systems like MerlinX (one of the most popular, national systems used in the industry), Euroticket,Voyager and etc.		
21	Entrepreneurship and small business management	4	winter	<u>Outline:</u> LECTURE: Entrepreneurship and small business management is focused on issues related to introduction to labour market and labour market institutions and labour market in tourism. CLASSES: The seminar is focused on practical issues related to small business.	30 lectures, 30 conversatories	Dr Dominika Polkowska, Mgr Iwona Rzadek
22	Global and local challenges in tourism	4	winter	<u>Outline:</u> Lectures: international security with a special analysis of threats and challenges in contemporary tourism with a division according to their objective, subjective and temporal character. Students have the opportunity not only to meet main determinants of the countries security in the 21st century, but also understand the correlation between the internal situation of the host countries, and the security of tourists staying there. The main focus is on the analysis of political and social security of contemporary people countries and basic processes shaping them in the 21st century. Classes: students have the opportunity to make a comprehensive security analysis of selected countries - characterizing their socio-political systems, and thereby acquiring knowledge of the subject factors shaping them. The whole course aims to show students the complex determinants of security processes that shape the internal situation of states in the 21st century and fundamentally condition international tourism.	30 lectures, 30 conversatories	Dr Bartosz Bojarczyk
23	Research project	4	winter	<u>Outline:</u> This course is dedicated to understanding how to interpret, and make sense of the social world, social process and knowledge production. We will learn about and practice both qualitative and quantitative research methods, including	30 seminars	Dr Joanna Bielecka-Prus, dr Andrzej Tucki

				observations, IDI, FGI, survey research. Students will learn how to prepare research tools, analysis data in the area of tourism. They will develop their own empirical research question(s) and ability to find answers, how to use different tools and approaches to gathering and interpreting data.		
24	Tourist services and facilities	5	spring	Outline: The general purpose is that the students at the end of the course will have gained knowledge about the tourism and hospitality sector, and of tourism and hospitality development and management. The topics cover introduction to tourism and hospitality, the main concepts and tourism system, the hospitality business from a service management perspective and the accommodation and other tourist facilities. Development and types of tourist services in a different types of tourist space: urban, rural, attractions.	15 lectures, 30 conversatories	Dr Andrzej Tucki
25	Tourism and hospitality management	3	winter	Outline: The course is composed on thematic blocks + vocational training in selected hotels and workshops. Lecture includes key issues related to tourism and hospitality industry management, such as: basic concepts in the field of hospitality industry; types and categories of hotel facilities; international organizations of hotels - chains, brands, groups - their range and policy; hotel organizational structure; responsibilities and list of competences for selected positions (front desk, housekeeping, food & beverages, maintenance, administration); Trends in the development of service and commercial offers; hotel specializations - in the world; hotel services outside the hotel (cruises and passenger ships, trains, airport, lounges); HCCP; spa & Wellness; fitness services; gastronomy	15 lectures, 30 conversatories	Prof. dr hab. Anna Dłużewska
26	Tourist product – analysis and projects	4	winter	Outline: Tourism product components and diversification. Simple and complex products, core and added values. Product as a destination (Country, region, city etc.). Product as a service (hospitality, food and beverages, transport	15 lectures, 45 conversatories	Dr Renata Krukowska, Katarzyna Nocuń

				services). Product as an event (Festivals, Sport competition etc.). Product as a route. "All inclusive" products. Product management including sustainable tourism perspective. Product targeting - who can be potentially interested (including tourism functions and dysfunctions). Products marketing. Own projects.		
27	Tourism marketing	2	winter	<p><u>Outline:</u> The course includes a wide scope of topics related to tourism and tourism marketing. The topics discussed are as follow: Basic of marketing (PR, advert etc.). Tourism destination - what do we understand by tourism destination (on geographical, administrative and cultural perspective). Actors involved in tourism marketing (National and Regional Tourism Authorities, Stakeholders, Inhabitants) - their duties, and interests (including potential conflicts). International incentives and obstacles for tourism. What makes a place attractive (tourism attractions + infrastructure + accessibility). Tourism products and its components. 6. Target for tourism - what's attractive for our target (sources of information about a target). Target focus marketing creation (what, where, how). Concurrence analysis and SWOT. Good and best practices. Final work - selected destination marketing proposal (including tourism product, target group and other topics discussed on previous lectures). The course demands a wi-fi access and a screen (students will work promotional materials, advertisement and National Tourism Authorities web pages).</p>	15 lectures, 15 conversatories	Prof. dr hab. Anna Dłużewska
28	Public diplomacy and intercultural dialog	4	spring	<p><u>Outline:</u> Public diplomacy & intercultural dialogue in the context of the establishment and development of contacts in the interpersonal sphere and inter-institutional relations on the international level, mostly with a focus on tourism.</p>	15 lectures, 15 conversatories	Dr hab. Michał Łuszczuk

				<p>Aim of the course: to obtain and develop knowledge, skills and competencies that will help us to identify and overcome difficulties in international (intercultural) communication and in the official (public diplomacy) contacts.</p> <p>Subjects: (1) Introduction to intercultural dialogue; (2) World cultures; (3) Intercultural competencies; (4) Cross-cultural communication; (5) Cross-cultural competencies in the tourism business; (6-7) International negotiations; (8) Introduction to public diplomacy; (9) Digital Public diplomacy; (10-11) Public diplomacy - case studies (analysis); (12) Practical aspects of public diplomacy; (13) Public diplomacy and tourism (14-15) mid-term exams</p>		
29		3	spring	Description coming soon ☺	15 lectures, 30 conversatories	Prof. dr hab. Anna Dłużewska
30	Destination management (workshop)	4	spring	Description coming soon ☺	48 field excercises	
31	Tourist events	3	Spring	<u>Outline:</u> Classes cover participation in selected tourist event and acquiring practical knowledge and skills connected with organized events in hotels.	32 field excercises	Dr Renata Krukowska
32	Study tour (workshops)	4	spring	<u>Outline:</u> Students will be able to know interdisciplinary nature of the tourism and hospitality industry and tourist destinations. The main goal of this workshop is getting to know history, culture, architecture and nature values of selected region of Poland. Participants will learn to recognize opportunities and threats for the development of tourism. An important issue is also getting knowledge about organizing and conducting excursions in relation practical experiences.	40 field excercises	Dr Renata Krukowska
33	Tourism trade fair	3	winter	<u>Outline:</u> The main purpose of this subject is the possibility of participation in one of the most important forms of tourism promotion and the way to advertise to a target market. Trade fairs	24 field excercises	Dr Renata Krukowska

				create a possibility to know a variety of disciplines, either directly or indirectly related to tourism industry. This is great opportunity to meet people involved in tourism industry and also to develop communication skills.		
34	Extreme events and their influence on tourism	4	winter or spring	<u>Outline:</u> Extreme event definition. Extreme events (hurricanes, tornadoes, heat and cold waves, heavy rains, windstorms, extreme biometeorological events, floods, avalanches, tsunami, storms, droughts, catastrophes of tank ships and drilling platforms, collapses of dams) and their influence on human health and tourism industry. Methods of forecasting extreme events. Selected case studies of extreme events and their aftermath.	15 lectures 15 conversatories	Dr Agnieszka Krzyżewska, Dr Katarzyna Mięsiak-Wójcik, Dr Joanna Sposób, Dr Sylwester Wereski
35	WEB GIS	1	winter	<u>Outline:</u> Web GIS basics and applications. Web services overview. Web Services Standards. Cloud GIS. Data management with ArcGIS Online. ArcGIS Web AppBuilder. Story maps and more web app templates. Big data, vector tiling, image services and analyses. Building Web GIS with ArcGIS for Server. Elements of Web GIS application. OpenLayers and GeoJSON.	30 laboratories	Mgr Mateusz Zawadzki
36	Opensource GIS	4	spring	<u>Outline:</u> Data processing and various analyses using open source GIS application: GRASS GIS and SAGA-GIS. Basics of linux (Ubuntu). Management of different types of GIS data on linux platform. Data exchange between different GIS programs. Spatial analysis using vector and raster data, DEM processing. Introduction to geoprocessing models in GRASS. Graphical and text modes of work using GRASS and SAGA.	30 laboratories 5 lectures	Dr Leszek Gawrysiak
37	Geoprocessing Models	2	spring	<u>Outline:</u> Geoprocessing tools to perform spatial analyst and manage GIS Data. Automatization of those tools with ModelBuilder in ArcGIS for Desktop and ArcGIS Pro. Practical issues includes: spatial data sources, introduction to geoprocessing, automation of GIS tasks, creating spatial data flow process models, edition and	30 laboratories	Mgr Paulina Owczarek

				managing of geoprocessing models.		
38	Advanced Spatial Analysis	3	winter	<p><u>Outline:</u> Spatial Analysis focuses on advanced aspects of spatial data analysis, including some of practical aspects of programming for GIS customization. The main issues of course are: Spatial network analysis, scaling and explanatory mechanisms. Computing geomorphometric parameters. Using GIS for hydro-geomorphic analysis. Extraction of landform parameters. DEM manipulations and hydro-geomorphological modelling.</p>	30 laboratories	Dr Łukasz Chabudziński
39	Remote sensing (teledetection)	5	winter	<p><u>Outline:</u> The basic physical principles of remote sensing, the basic technical principles of satellites, sensors and ground segments in data collection, the properties of the available data from these systems. The principles of digital image processing and manipulation in remote sensing. Analysing digital remote sensing data. Planning and carrying out a field study to support remote sensing. choosing the right data and methodology for remote sensing, with the support of literature, in problem areas concerning soil, vegetation, water and human usage of these resources. Integrating remote sensing data with other data in geographical information systems</p>	30 laboratories 10 lectures	Dr Marcin Siłuch
40	Low Altitude Remote Sensing (UAS)	4	spring	<p><u>Outline:</u> Sensors and platforms overview. Civilian and remote sensing applications. Sensors calibration. UAS operational requirements. UAS concept of Operation. Data processing software. Generation of digital data products such as ortho-rectified imagery and digital terrain surface. Current rules and regulations governing owning and operating a UAS in Poland. UAS safety, security and privacy issues.</p>	30 laboratories 10 lectures	Dr Piotr Bartmiński
41	Mathematics and statistics in spatial management	4	Winter or spring	<p><u>Outline:</u> Equations, real functions, probability and related concepts, random variable and its parameters, populations, samples, measures of central tendency; measures of dispersion, data</p>	15 lectures 30 laboratories	Dr Małgorzata Telecka

				grouped into classes; two-dimensional distributions; scatter plot, correlation coefficient, regression line and prediction, ANOVA		
42	Foreign language for the travel and tourism industry - translatorium	2	Winter or spring (separate classes in both semesters)	<u>Outline:</u> The aim of the course is to equip the student with language skills to carry out tasks in the future professional life, by improving and expanding grammar knowledge at a given level and introducing specialized vocabulary, as well as practicing language skills - reading comprehension, listening comprehension, speaking and writing.	30 conversatories	Different teachers, depending on selected languages
35	New geopolitics of the polar regions in times of the climate change	4	Winter or spring	<u>Outline:</u> The global importance of the polar regions increases today as never before. Many of the ongoing and expected developments are associated with the climate changes and many of them are of geopolitical nature. This course is designed to study these new circumstances from the perspectives of the social sciences, which encompasses the socio-economic geography, political sciences and international relations as well as the international law. The aim of this course is to deliver and develop knowledge, skills and competencies that would help students to better understand the changes taking place in the Arctic and the Antarctic nowadays, as well to anticipate future developments	30 lectures 30 konwersatory	Dr. hab. Michał Łuszczuk

Haven't found the classes that you were looking for?

Looking for classes at master level?

Don't worry!

There are many classes that are in Polish, but it can also be arranged in English.

Please do not hesitate to ask for help with construction learning agreement.

Just write to our Erasmus+ Coordinator:

dr Agnieszka Krzyżewska

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