

**Subject card**

<b>Subject name and code</b>	Cryminological Research Methods - auditorium classes, PG_00134437						
<b>Field of study</b>	Criminology and Criminal Justice						
<b>Date of commencement of studies</b>	October 2024	<b>Academic year of realisation of subject</b>			2024/2025		
<b>Education level</b>	Bachelor's studies	<b>Subject group</b>			Obligatory subject group in the field of study		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	1	<b>Language of instruction</b>			English		
<b>Semester of study</b>	2	<b>ECTS credits</b>			4.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			credit		
<b>Conducting unit</b>	Faculty of Law and Administration -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Thomas Hodgson				
	<b>Teachers</b>		dr Thomas Hodgson				
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	0.0	30.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	30		0.0		70.0	100
<b>Subject objectives</b>	Starting from no assumptions of prior knowledge, this course will introduce some tools and techniques for research in social science.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[CCJL3_WG08] He/she knows the basics of computational methods and the basics of information techniques used to solve typical problems in the field of science and scientific disciplines relevant to penal sciences	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SW2] presentation/project/paper/report
	[CCJL3_WG07] He/she has basic knowledge of man, in particular as an entity constituting social structures and the principles of their functioning, as well as acting in these structures	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SW2] presentation/project/paper/report
	[CCJL3_UW9] He/she can plan and organize individual work, can conduct simple empirical research independently	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SU2] presentation/project/paper/report
	[CCJL3_KO8] He/she is ready to take up professional challenges, takes the trouble and is characterized by persistence in the implementation of individual and team activities in the field of criminology and related sciences.	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SK2] presentation/project/paper/report
	[CCJL3_WG02] He/she has extended knowledge of the set of elementary facts, simple concepts and the relationship between selected natural and social phenomena in the field of penal sciences	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SW2] presentation/project/paper/report
	[CCJL3_KK01] He/she is aware of his/her level of knowledge and skills, as well as understands the need for lifelong learning.	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SK2] presentation/project/paper/report
	[CCJL3_UU03] He/she is able to acquire knowledge independently, learn and develop his/her professional skills, using various sources (in the native and foreign language) and modern technologies	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SU2] presentation/project/paper/report
	[CCJL3_KK06] The graduate can participate in the preparation of social, civic, legal and economic projects related to the field of study.	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SK2] presentation/project/paper/report
	[CCJL3_WK05] He/she knows the methods and tools, including techniques of obtaining data and information, appropriate in criminology and the related fields	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SW2] presentation/project/paper/report
	[CCJL3_KR04] He/she notices and formulates moral problems and ethical dilemmas related to his/her own and someone else's work, and looks for optimal solutions.	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SK2] presentation/project/paper/report
	[CCJL3_UW07] When solving tasks, he/she is able to make the right choice of information sources, in particular, he/she has the skills in the field of collecting literature and jurisprudence in various areas of legal sciences and the ability to make a critical analysis of the collected information	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SU2] presentation/project/paper/report

	Course outcome	Subject outcome	Method of verification
	[CCJL3_KR05] He/she is aware of the existence of ethical dimension in the work of a criminologist, other work related to criminology and in institutions of the broadly understood justice system	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SK2] presentation/project/paper/report
	[CCJL3_KK03] The graduate prepares responsibly for his/her work, is able to define priorities at work and plan work properly.	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SK2] presentation/project/paper/report
	[CCJL3_WG04] He/she has fundamental knowledge of various types of social structures and institutions (cultural, political, legal, economic), in particular their essential elements	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SW2] presentation/project/paper/report
	[CCJL3_UK8] He/she can, in a basic scope, formulate statements using specialized terminology characteristic of criminology and related disciplines, present opinions in this area and discuss them	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SU2] presentation/project/paper/report
	[CCJL3_WG06] The graduate has organized and expanded knowledge of the norms and principles prevailing in structures and institutions related to criminology	Students will complete a project consisting of: (i) selecting a data set; (ii) writing code to extract information from the data set; (iii) presenting the information in a report mixing prose and code.	[SW2] presentation/project/paper/report
Subject contents	<p>We will use the programming language R, the Integrated Development Environment (IDE) RStudio, the version control system Git, the markup language Markdown, and the publishing system Quarto.</p> <ul style="list-style-type: none"> <li>• <a href="https://www.r-project.org/">https://www.r-project.org/</a></li> <li>• <a href="https://posit.co/products/open-source/rstudio/">https://posit.co/products/open-source/rstudio/</a></li> <li>• <a href="https://git-scm.com/">https://git-scm.com/</a></li> <li>• <a href="https://daringfireball.net/projects/markdown/">https://daringfireball.net/projects/markdown/</a></li> <li>• <a href="https://quarto.org/">https://quarto.org/</a></li> </ul>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project	50.0%	100.0%
Recommended reading	Basic literature	The main ideas of this approach to social science research are described in Kieran Healy's <i>The plain person's guide to plain text social science</i> : <a href="https://plaintext.co/">https://plaintext.co/</a> .	
	Supplementary literature	To learn R and Git, we will use resources from The Carpentries:	
	eResources addresses	<ul style="list-style-type: none"> <li>• <a href="https://swcarpentry.github.io/r-novice-gapminder">https://swcarpentry.github.io/r-novice-gapminder</a></li> <li>• <a href="https://swcarpentry.github.io/r-novice-inflammation">https://swcarpentry.github.io/r-novice-inflammation</a></li> <li>• <a href="https://swcarpentry.github.io/git-novice">https://swcarpentry.github.io/git-novice</a></li> <li>• <a href="https://swcarpentry.github.io/shell-novice">https://swcarpentry.github.io/shell-novice</a></li> </ul>	
Example issues/example questions/tasks being completed	How can code and prose be mixed to present data in a useful way?		
Work placement	Not applicable		

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