

Syllabus

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Titul dl curs	Seminar in Business Informatics and Information Systems
Codesc dl curs	76449
Titul suplementar	
SSD	INFO-01/A
Lingaz	Tedesco
Curs de laurea	Corso di laurea in Informatica e Management delle Aziende digitali
D'autri cursc de laurea (cursc deberieda)	
Dozenc	prof. dr. Markus Zanker, Markus.Zanker@unibz.it https://www.unibz.it/en/faculties/engineering/academic-staff/person/3466
Assistent didatich	
Semester	Primo semestre
Ann/Agn de stude	3
Credic universitars	5
Ores de insegnament	30
Ores de laboratore	0
Ores de stude individual	95
Ores de riceviment prevedudes	15
Ressumè di contegnus	- Research methods in business informatics and information systems - Literature research - Scientific writing - Models for quality control in scientific research - Current topics in business informatics and information systems - Presentations of seminar papers on topics in business informatics and information systems
Argomenc dl curs	In the context of research methods in business informatics,

	students should recognise which qualitative or quantitative research methods have been used on the basis of various literature contributions and understand them at least to some extent. A central competence is literature research, which not only serves to systematically record the state of research with the help of scientific databases and helps to identify gaps in research, but also to train the ability to recognise different methodological quality of research work. Students therefore also learn about models for scientific quality control such as peer review or quality metrics of scientific production. Scientific writing requires a clear, objective style, logical structure and correct citation methods for a well-founded presentation of the problem, methodology and results. Students write a literature-based paper in groups. Current topics in business informatics include artificial intelligence, digital business models and platform economics. Finally, the presentation of seminar papers is essential in order to communicate research results in a clear, structured and audience-appropriate manner - often with visual support and discussion.
Paroles clef	Literature Research Scientific Writing Research Methods Quality Control in Research Business Informatics Topics
Prerequisic aconsiés	
Cursc propedeutics	
Modalité de enseignament	Frontal lectures, interactive exercises, student assignments and presentations.
Oblianza de frecuencia	Not compulsory, but strongly recommended.
Obietifs formatifs y competenzes da arjonje	The course belongs to the type "attività formative caratterizzanti – informatica".

	The course will train essential communication and writing skills for computer scientists that are supposed to work at the intersection with business functions in companies or public administrations. Furthermore, students will reflect on research methods in the business informatics and information systems subdiscipline based on current topics. Knowledge and understanding: - D1.13 - Overview of empirical research methods in business economics/information systems and their documentation/description in the context of scientific activities. - D1.18 - Understand the interdisciplinary approach to IT projects that takes into account technical foundations, business needs, social and dynamic aspects and the regulatory framework. Applying knowledge and understanding: - D2.3 - Ability to analyse business problems and to develop proposals for solutions with the help of IT tools. - D2.16 - Know how to carry out bibliographic research, use databases and other sources of information and describe and present the results in a scientific-seminarial work in business economics/information systems. Communication skills - D4.1 - Be able to use the three languages English, Italian and German and, in particular in English, be able to use appropriate technical terminology and communication style. - D4.4 - Ability to structure and prepare technical documentation. Learning skills - D5.1 - Learning ability to undertake further studies with a high degree of autonomy. - D5.3 - Ability to follow rapid technological developments and to learn about innovative aspects of the latest generation of information technology and systems.
Obietifs formatifs y competenzes da arjonje (informazioni supplementares)	
Sort de ejam	- Written assignments and oral presentations are to be carried out during the semester and refer to the written production of scientific

	text and the presentation of scientific works (70%) - Oral exam comprises the discussion and defense of one or more scientific papers (30%)
Criters de valutazion	The evaluation criteria for the assessment of the written and oral production of the students are as follows: - Written assignments: quality and structure of the paper, language of the written production, adequate illustration, correct formatting and citations, ability to critically read and reflect on scientific literature; - Oral presentations: quality and structure of the presentation, correct and adequate use of language, ability to critically reflect on scientific literature. - Oral exam: its purpose is to assess the students' understanding of their written assignments. The assessment will be based on correctness, clarity of answers and their ability to apply concepts on small sample problems.
Bibliografia obligatora	Readings will be provided as online sources via the OLE course environment.
Bibliografia aconsieda	
Deplù informazion	Software used: Latex
OSS	Istruzione di qualità