

Syllabus

Course Description

Course Title	Digital Humanities
Course Code	17333
Course Title Additional	
Scientific-Disciplinary Sector	CEAR-10/A
Language	English
Degree Course	Bachelor in Communication Sciences and Culture
Other Degree Courses (Loaned)	
Lecturers	dr. Barbara Tramelli, Barbara.Tramelli@unibz.it https://www.unibz.it/en/faculties/education/academic-staff/person/47678
Teaching Assistant	
Semester	Second semester
Course Year/s	all
CP	3
Teaching Hours	30
Lab Hours	0
Individual Study Hours	45
Planned Office Hours	9
Contents Summary	The course aims at providing insights into the ways museums research and document their collections and will focus on new approaches within digital humanities and technical art history to catalogue, document and research objects. There will be special attention to data-driven object-based research, both art historical and technical, using methods from technical art history which combines art historical research with data obtained from scientific analyses and digital imaging methods. The course aims at introducing students to these increasingly interdisciplinary research approaches used to unlock and share the many stories hidden in artworks, and how digital data play an increasingly significant part

	in that. Particular attention will be given to the current methods of database building and iconographic indexation of collections of artefacts.
Course Topics	The objectives of the course are: - to gain insights into scientific analytical approaches and interdisciplinary collaboration in the field of art history; - to develop skills in analysing and interpreting texts, images and digital formats, on studio practice and art technology and AI ; - to recognise and evaluate various strands of research crucial for specific data-driven research to set up an interdisciplinary research programme; - to gain an understanding of different methods of iconographic indexation and database building - to learn digital humanities methodologies, including documentation methods, aimed at object/collection-based research; - to gain an understanding of FAIR and AI methods
Keywords	Digital Humanities, Iconography, Database Collections, AI, Imagematching, Digital Art History
Recommended Prerequisites	
Propaedeutic Courses	
Teaching Format	The course will consist of the following: - Lectures on relevant topics from digital methods, object-based research, database building, indexation methods, technical analytical methods and imaging - There will be specific seminars on case studies and lectures from museum and digital professionals. - Students are expected to present their project during the course in specific sessions.
Mandatory Attendance	In accordance with the regulation
Specific Educational Objectives and Learning Outcomes	Areas: History of collecting, Art and Digital Humanities 1. Knowledge and comprehension: knowing the range of research methods that can be part of data-driven object-based research; knowing the different approaches within museum-based collection research to understand the role of digital humanities with this environment; knowing the history of and new developments within

	the field of digital and technical art history. 2. Competences and abilities: Acquiring the skills to work in an interdisciplinary team; delivering a clear research proposal for object-based projects; delivering an informed proposal for digital data-driven research. 3. Communication abilities Interacting with disciplinary and inter/multidisciplinary professionals led by gained knowledge of a communal language focused on the central research question; communicating research results in various ways to different audiences.
Specific Educational Objectives and Learning Outcomes (additional info.)	Learning to familiarize with AI softwares and collections database. Gaining insights in the various fields of Digital Art History
Assessment	To verify the achievement of the course objectives, students, in addition to the final oral exam, will have to write an illustrated essay focused on object-based research or on digital methodologies for art historical research, of 3000 words max, including footnotes and references - excluding tables, captions and illustrations. This can be a case study of one or more objects, a historical artistic method and/or material, or a more theoretical essay on digital methodology and or theoretical concepts based on the knowledge gained throughout the course. Students will present their preliminary results during the course to discuss their approach and discuss options and questions that may arise. The essay will be 15/30 of the mark, and it will be discussed during the final oral exam which will be the other 15/30 of the final mark.
Evaluation Criteria	Relevant for the essay: ability to evaluate and discuss the chosen case study. Ability to argue, accuracy and completeness of sources. Relevant for the oral exam: ability to discuss the themes presented during the course, knowledge of the required readings, critical analysis skills, ability to summarize in own words.
Required Readings	Readings

	1. Tramelli, Barbara, Indexing the Early Modern Printed Image, Edizioni Ca Foscari, 2024, available at https://edizionicafoscari.unive.it/it/edizioni4/libri/978-88-6969-880-4/ 2. R. Srinivasan; K. Becvar; R. Boast; J. Enote, "Diverse Knowledges and Contact Zones within the Digital Museum", Science, technology, & human values, 2010-09-01, Vol.35 (5) 3. One article to be chosen from Magazen, International Journal for Digital and Public Humanities (volumes 1, 2, 3, 4) (please indicate your choice at least two weeks before the exam): https://edizionicafoscari.unive.it/it/edizioni4/riviste/magazen/issuesList
Supplementary Readings	1. F. Diara, "Cultural Heritage Digital Data: Future and Ethics", in Digital Cultural Heritage, ed. by H. Kremers, Springer 2020 2. S. Kenderdine, "Embodiment, Entanglement, and Immersion in Digital Cultural Heritage", in A New Companion to Digital Humanities, ed. by Susan Schreibman, Ray Siemens, and John Unsworth, Chichester: John Wiley & Sons, Ltd., 2016. Online: http://www.arise.mae.usp.br/wp-content/uploads/2018/03/A-New-Companion-to-Digital-Humanities.pdf 3. L. Manovich, "Database as Symbolic Form", in Museum in a Digital Age, ed. by R. Parry, Leicester, Routledge, 2010.
Further Information	Active participation is strongly recommended.
Sustainable Development Goals (SDGs)	Quality education, Responsible consumption and production, Gender equality