| General Information | |
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| Academic subject | History of the digital revolution |
| Degree course | Digital Heritage: Museums, Archives, Libraries |
| Curriculum | LM5-LM43 |
| ECTS credits | 6 |
| Compulsory attendance | No |
| Language | Italiano |

| Subject teacher | Name Surname | Mail address | SSD |
|---|---|---|---|
| | Carla Petrocelli | carla.petrocelli@uniba.it | M-STO/05 |

| ECTS credits details | | | |
|---|---|---|---|
| Basic teaching activities | M-STO/05 | | |

| Class schedule | |
|---|---|
| Period | First Semester |
| Year | First |
| Type of class | Lecture- workshops |

| Time management | |
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| Hours | 150 |
| In-class study hours | 42 |
| Out-of-class study hours | 108 |

| Academic calendar | |
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| Class begins | September 27, 2021 |
| Class ends | December 10, 2021 |

| Syllabus | |
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| Prerequisites/requirements | Knowledge of historiographic methodology and source analysis |
| Expected learning outcomes (according to Dublin Descriptors) | *Knowledge and understanding*<br>Critical knowledge of the fundamental concepts necessary for a historical recreation of the mechanization process of automatic computing<br><br>*Applying knowledge and understanding*<br>Acquire familiarity with theoretical and practical issues<br><br>*Making informed judgements and choices*<br><br>The theoretical training will be supported by examples, applications, exercises, both practical and theoretical, individual and group, in order to accustom the student to make decisions on his own, and to be able to judge and predict the effect of their choices<br><br>*Communicating knowledge and understanding*<br><br>Identify, extract and analyse the contributions available for each topic addressed in the course and define their repercussions in modern society |

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| | *Capacities to continue learning*<br><br>To provide the concepts and historical contexts necessary for the use of technical and communicative tools in the elaboration and classification of the sources studied |
| Contents | The course aims to reconstruct the historical-evolutionary path of automatic calculation by providing a description of the design and implementation motivations |
| Course program | |
| Bibliography | - S. Hènin, Il Racconto del computer. Come è nato e perché, Edizioni Manna, 2017;<br>- C. Petrocelli, *Il computer è donna. Eroine geniali e visionarie che hanno fatto la storia dell'informatica*, Edizioni Dedalo, 2019 |
| Notes | |
| Teaching methods | Oral exam |
| Assessment methods (indicate at least the type written, oral, other) | |
| Evaluation criteria | The student must possess those tools that allow him/her to make an accurate historical/technological reading of the development of information technology as a science and as technology. He must adopt all the methods of historical investigation related to the history of information technology and know how to distinguish and recognize the elements of historical heritage |
| Further information | |