Master in Computer Science
Internships, seminars, and other training activities

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Startups and innovation

- 6-ECTS course on "Economics of Innovation", compulsory for all students

- 6 ECTS of other training activities such as internships, mini-courses, seminars and visits from companies, startups, incubators, etc.

- The thesis can be carried out in one of the ICT startup incubators partners of the Master's Degree

Objectives

- The 6 credits of "Short Internships" and "Seminars and other training activities" aim to:

  ‣ illustrate different **visions of technological innovation** enabled by information technology

  ‣ **outline the challenges** needed to overcome the current state of technology

  ‣ **stimulate students** to deepen the necessary knowledge during the two years of study

  ‣ **improve soft skills**

Program

- **"Startup Lab"**, a crash course on the dynamics of management of innovative companies and of technological and knowledge transfer. (1 credit)

Edition 2023/24:

‣ **Giulia Compagnin, Stefania Malfatti** and **Giulia Turra** from StartCube - Galileo Visionary District

‣ **February 20 - 22, 2024**

Program

- **"ICT challenges for startup"**, a series of seminars with startups and innovative ICT companies (1 credit)

  ‣ seminars are held on both semesters, approximately one per month

  ‣ to obtain the credit: participation to 5 seminars/visits during the two years of study + submission of a small research project (approx. 2000 words)

Program

- **Internship** of 50-125 hours in a company. The internship has to be coherent with your study plan. (2 – 5 credits)

- Certificate of knowledge of a **foreign language *other than English*** (2 credits)

- **Service activity** for the courses of the Computer Science degree:

  ‣ Tutoring

  ‣ Small courses for the Bachelor's degree

Program

- Courses on **transversal skills** and **soft skills**, such as "Laboratorio di Comunicazione e Soft skills" offered by UniPD (2 credits)

- **Dissemination and educational activities** related to Computer Science, such as CoderDojo (2 credits)

- **Support for the research activity** of the professors of the Computer Science master's degree (2 credits)

Erasmus+ for Studies

- **Courses or other activities done in a mobility period** can be included in "Other training activities"

- Add "Seminars and Other Training Activities" and/or "Short Internship" to your **Learning Agreement**, with proper matching courses/activities at the host university

- The Learning Agreement and course matching **must be approved** by the Erasmus Academic Coordinato (Prof. Navarin)

- the **Mobility Office will register the credits** on your return in Padova

Advanced Topics in Computer Science

- This year (2023/24) the course is a single-subject course on "Probabilistic and satistical verification"

- The course can only be registered as a proper exam and therefore **the credits cannot be earned as "Other Training Activities"**

Registration of the credits

- The 6 credits are divided in **two parts**:

  ‣ "SEMINARS AND OTHER ACTIVITIES" (3 credits)

  ‣ "SHORT INTERNSHIP" (3 credits)

- You can register them when:

  ‣ you have **completed all 6 credits**

  ‣ you have an approved **study plan**

  ‣ you are at the **second year** of study

- One call for each graduation ceremony

More Information

- **Moodle** "Other training activities":

  ‣ from https://stem.elearning.unipd.it

  ‣ DIPARTIMENTO DI MATEMATICA "Tullio Levi-Civita" - DM > A.A. 2022 - 2023 > Corsi di laurea magistrale > SC2598 - COMPUTER SCIENCE

- Enroll on moodle to get **news and updates** on **seminars and new activities**

- **Contact persons:**

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