UNIVERSITÀ
DI TRENTO

MSc in
Computer Science

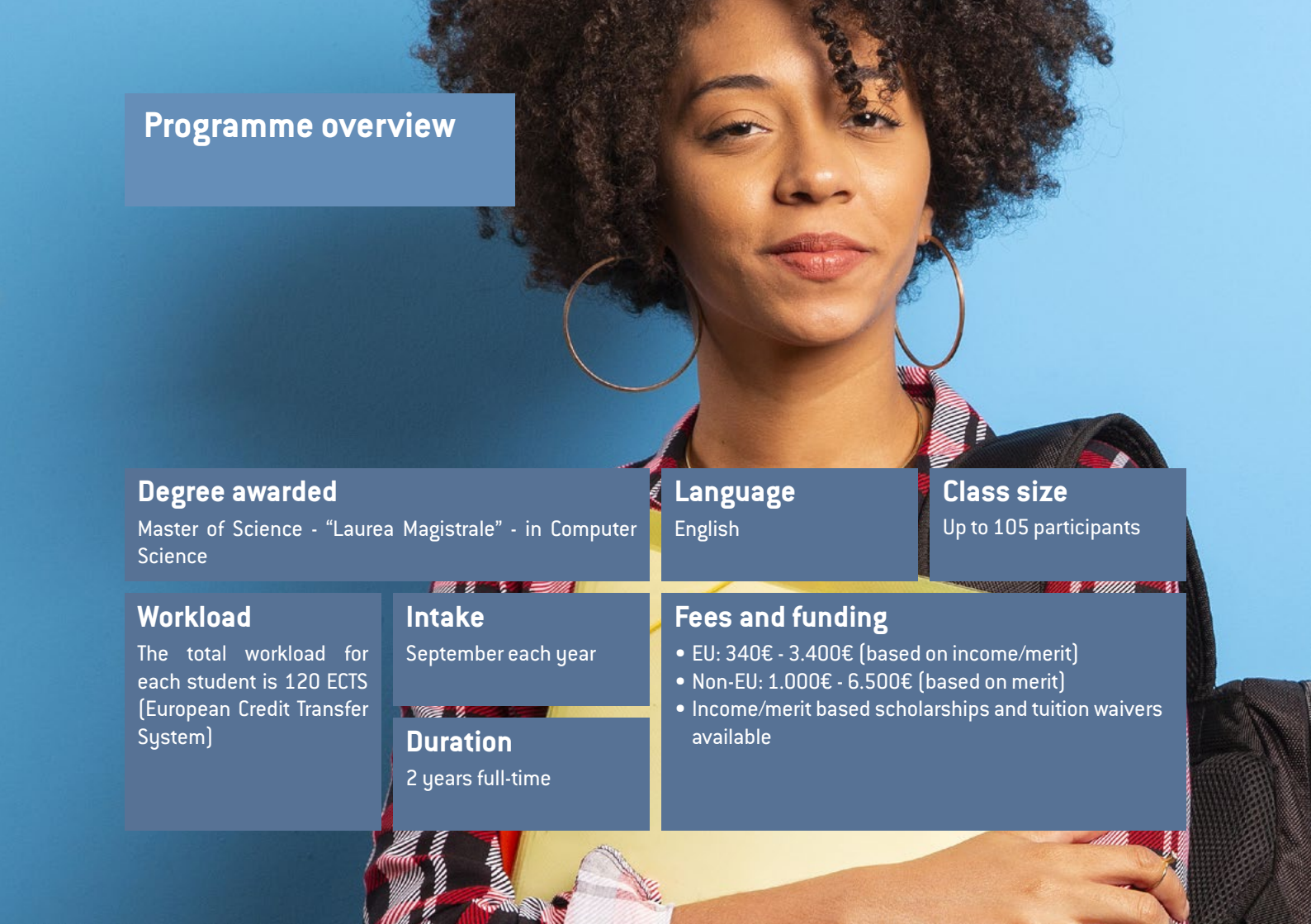

$return[$day->shot_date] = $day;
}
return $return;
}
static function day_images_list($date, $studio) {
global $global_studio_list;
if(!in_array($studio, $global_studio_list)) die("error studio");
$date = mysql::escape($date);
if(mysql::count("image_date","shot_date = '$date'") != 1) die('date not found');
$studio = intval($studio);
$return = array();
$result = mysql::query("SELECT image.id as image_id FROM image, image_date WHERE image_date.id=image
while($image = mysql::fetch($result)) {
$image->copyright = metadate::get_copyright($image->image_id);
$image->models = metadate::get_models($image->image_id);
$return[$image->image_id] = $image;
}
1273
1274
function day_list()

Master of Science in Computer Science

The MSc in Computer Science provides students with **knowledge**, **methodologies** and specialized computer **technologies** required to plan, design, develop, estimate and manage complex innovative systems for production, transmission and processing of information.

Along with the **theoretical foundations** of the computer sciences, students will get **specific knowledge** in the macro-areas close to software technologies, systems and networks, data science and management, embedded systems, safety and security engineering.

A strong drive toward **internationalization** is a key factor. This allows students to experience an international environment and **face global problems** and cultural issues with an international attitude and an **open mind**. We believe this is the best solution to prepare **successful global computer scientists**.



Programme overview

Degree awarded

Master of Science - "Laurea Magistrale" - in Computer Science

Language

English

Class size

Up to 105 participants

Workload

The total workload for each student is 120 ECTS (European Credit Transfer System)

Intake

September each year

Duration

2 years full-time

Fees and funding

- EU: 340€ - 3.400€ (based on income/merit)
- Non-EU: 1.000€ - 6.500€ (based on merit)
- Income/merit based scholarships and tuition waivers available

Admission

Application deadlines
(check online for updates)

- March for non-EU citizens living outside Italy
- June for EU citizens and non-EU citizens regularly living in Italy

Requirements

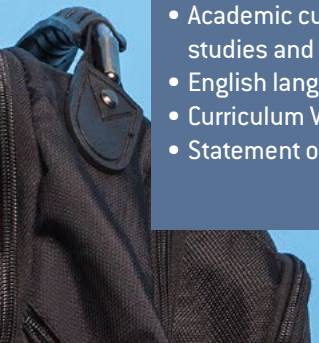
- Bachelor's degree (or equivalent) in Computer Science or related field
- English at B2 level of the Common European Framework of Reference for Languages

Selection criteria

- Academic curriculum and assessment of previous studies and their coherence with the MSc
- English language knowledge
- Curriculum Vitae
- Statement of purpose

How to apply

- Access the online application form
- Upload the required documents
- Submit your online application by the deadline
- Check online for more information and updates: www.unitn.it/mastercs



Study Plan

The master includes courses on the **fundamentals of computer science** (computability, concurrency, machine learning, performance evaluation), as well as courses in the selected **area of specialization**.

Students can complete their studies with "**free choice**" courses covering advanced topics in different areas of specialization. Practical **training periods** in industrial or **research laboratories** allow the student to apply the gained knowledge and assimilate various aspects linked **to professional practice**. Students can choose one of the following curricula. Each curriculum is further divided into different areas of specialization:

Curriculum Computer Science and Technologies

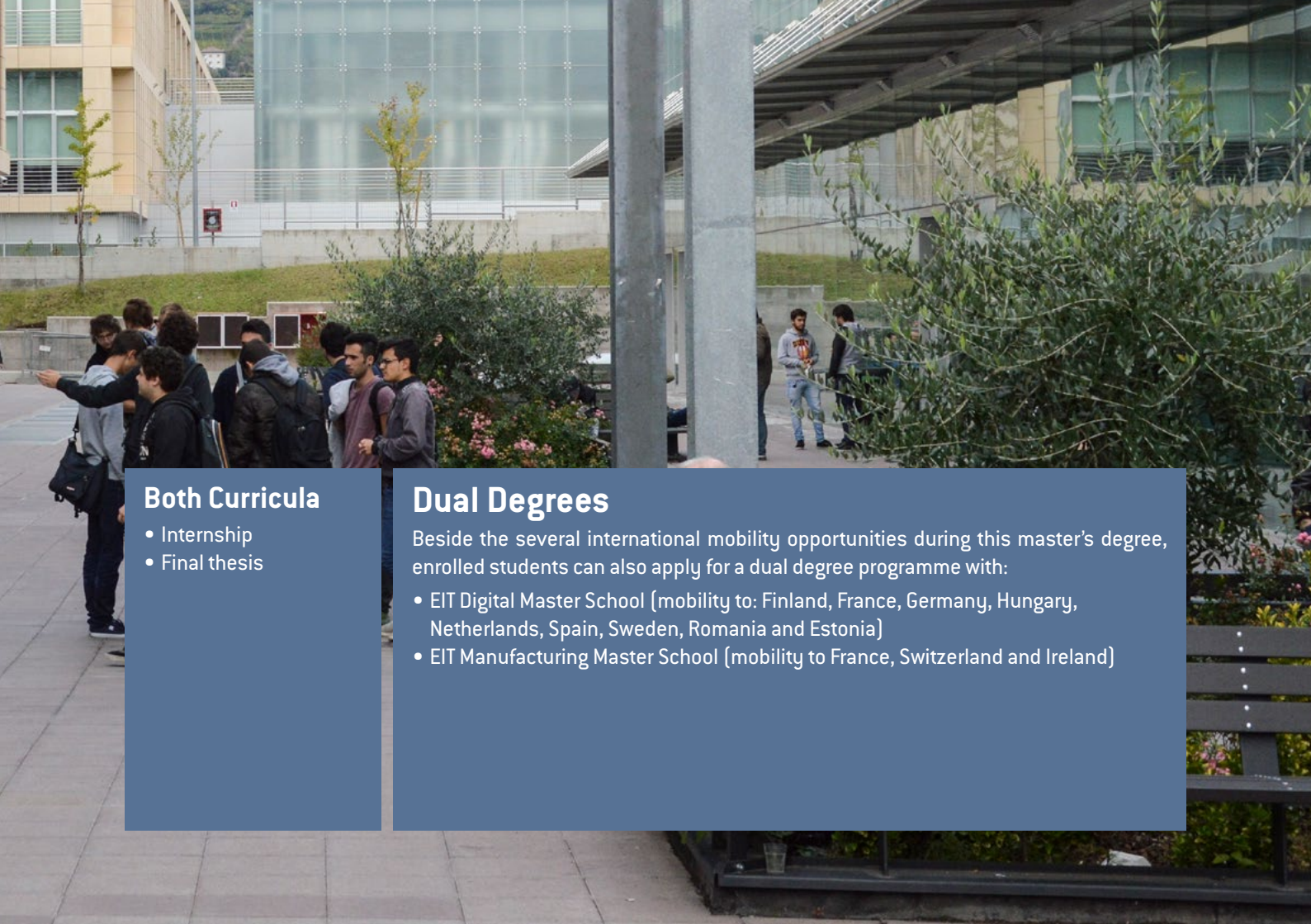
Areas:

- Data Science
- Bioinformatics
- Software and Service Architectures
- Systems and Networks
- Computational Foundations
- Cybersecurity
- HCI

Curriculum ICT Innovation

Areas:

- Cyber Security
- Software and Service Architectures
- Data Science
- Embedded Systems
- FinTech
- Competitive Manufacturing



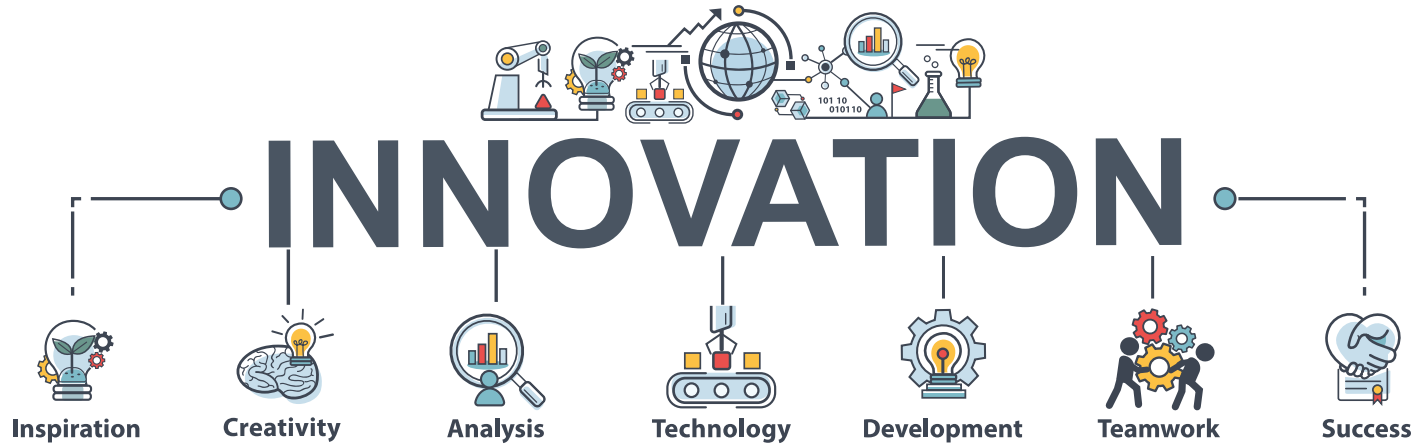
Both Curricula

- Internship
- Final thesis

Dual Degrees

Beside the several international mobility opportunities during this master's degree, enrolled students can also apply for a dual degree programme with:

- EIT Digital Master School (mobility to: Finland, France, Germany, Hungary, Netherlands, Spain, Sweden, Romania and Estonia)
- EIT Manufacturing Master School (mobility to France, Switzerland and Ireland)


INNOVATION
Inspiration
Creativity
Analysis
Technology
Development
Teamwork
Success

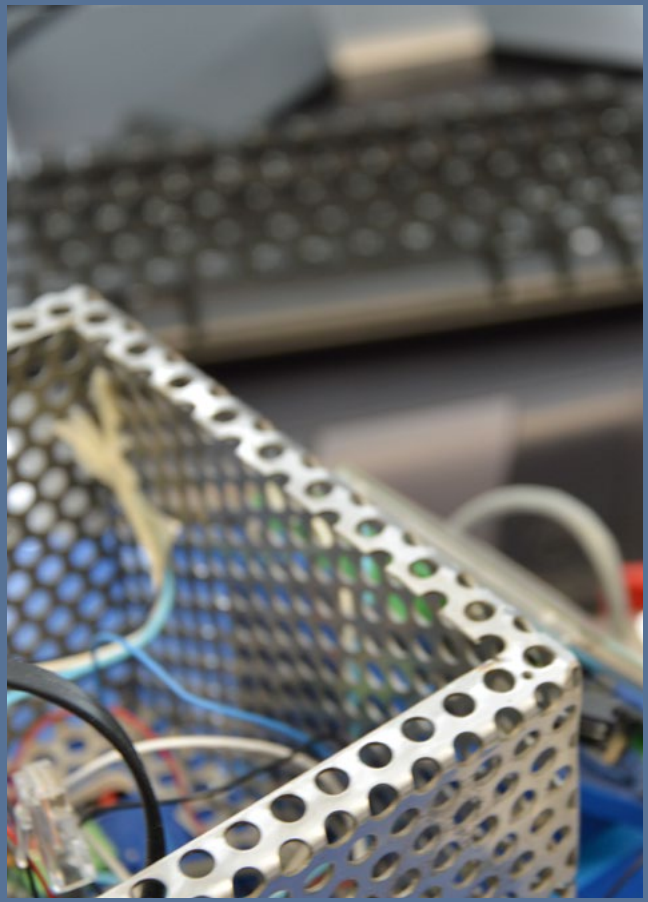
Career opportunities

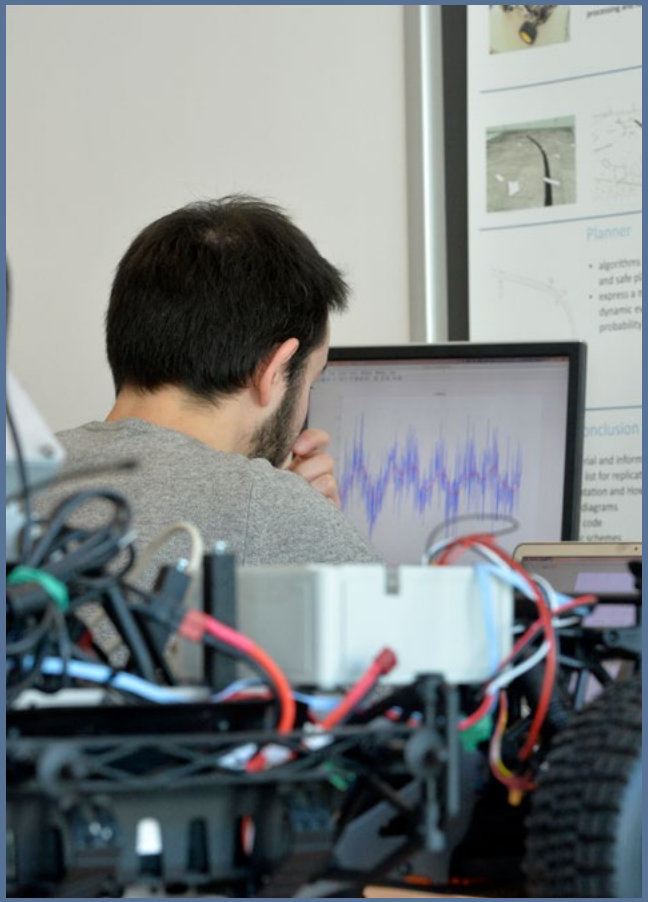
International and **industry connections**, as well as the appropriate mix between the theoretical approach and applied activities, are the reasons why our Computer Science graduates find a job **soon after graduation**, and in many cases even **before the end of the master**. Computer Science graduates are among the **most wanted specialists** in Italy.

Graduates in Computer Science can enter the job market by planning, organizing, developing, managing and maintaining information systems.

For graduates who wish to continue their studies at the **PhD level** management careers will become available, given their ability to solve complex problems both from the technical and from the personal/organizational point of view.

Last but not least, **individual skills** are of the maximum importance: computer science is still a field where innovative start ups launched by enterprising young people can often outperform consolidated enterprises.





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