Data Science Internship Day
Dec 1, 2023
12:30 Welcome by Prof. Francesco Rinaldi
   Head of the Master’s Degree in Data Science

12:35 Quick introduction to internships by Tomaso Erseghe
   Internship responsible

12:45 Breakout room sessions
   each institution/company has a breakout room to meet the students, and share insights and technical details on the proposed internship

14:30 End
Who’s here today
Short guide to Internships
a period of work orientation and training that does not take the form of an employment relationship

an activity that is coherent with the master’s degree program (e.g., dealing with statistical data analysis, machine learning, big data processing)
to develop **new skills**

to come into contact with the daily working environment

to apply the lessons learned to a practical problem

*to strengthen your curriculum*
Have you hired our graduates in your company?

- Yes: 54.5%
- No: 36.4%
- Yes rather than no: 9.1%

How does your company rate our graduates on average?

- Very unsatisfied: 66.7%
- Unsatisfied: 33.3%
Receiving organization questionnaires

Are there any transversal skills (e.g. language skills) that a DS graduate should possess?

Suggestions:
- English language above B2
- Data visualization skills
- Communication skills
- Team work skills, focus to team goals
- Precision and speed in tasks completion
- Analytical and critical thinking
- Adaptability
- Ability to understand complex papers
- Real-world project experience
- Problem solving by the point of view of business
- Economic and financial knowledge of IPRs
typically (not compulsory)

2\textsuperscript{nd} semester 2\textsuperscript{nd} year

3 to 6 months (15 ECTS credits = 375 hours)

possibly combined with the master’s degree thesis

(15 + 15 = 30 ECTS credits = 1 semester)
in Italy or abroad

in a company, a research center, or a university lab

through one of our contacts or by your own contact

datascience.math.unipd.it

faculty/instructors

"Data Science Internships Day"

fast and lightweight accreditation procedure through stage@unipd.it
Students questionnaires

Italy or abroad?

Did you receive a job offer? (Italy only)

Satisfaction (19-21)

accept internships that meet your expectations!!!
1. **Find a company/research center (receiving organization) and identify your tutor there**
2. **Find an academic supervisor (faculty) who will monitor your internship and sign documents 😊**
3. **Submit a training project before the internship starts**
4. **Have your 15 credits approved once the internship is over (or after 3 months for long internships)**
Welcome to the Data Science Information Space. You will find fresh information students are warmly encouraged to enroll to promptly receive updates from our Partners (e.g., internship opportunities, job postings, etc.).
Paperwork to start
Info available @

http://www.unipd.it/stage

http://www.unipd.it/en/internships
Choose your academic supervisor!

Will **guide** and supervise the student during the internship

1. Should be an **instructor/faculty** somehow knowledgeable about the main topic of the internship

2. **If anything else fails** can be the internship responsible

**PS:** for thesis + internship @ the university premises, your thesis supervisor will sign as **receiving organization tutor**, and the co-supervisor (if any) as **academic supervisor** (leave it blank in case you do not have a co-supervisor)
Attend a safety course!

elearning.unipd.it/formazione/course/index.php?categoryid=39

**FORMAZIONE GENERALE (GENERAL TRAINING)**

Formazione online per il personale > INIZIATIVE FORMATIVE > Area Sicurezza
> FORMAZIONE GENERALE (GENERAL TRAINING)

download the **certificate of successful completion** !!!

**PS:** you only need to complete the course **once** – if you have already passed it some time ago, e.g., for an internship at your Bachelor’s, you can use your old certificate
Get an agreement! (if needed)

http://www.unipd.it/en/internships

in case the receiving organization is **not** in the unipd database, **they** must sign an agreement with unipd.

in case it already is, you can submit your **training project**
Define the training project!

establishes how the internship is organised: duration, activities to be carried out, etc...

https://careers.unipd.it/en

jointly defined by the receiving organization, the academic supervisor and the student...

... includes the date of completion of the safety course 😊

yours is a compulsory training with credits!!!
Can I get paid?

The presence of a pay/reimbursement (to be contracted with the receiving organization) it should appear in the training project.
at least 15 days before the internship begins

send to stage@unipd.it

the training project as from https://careers.unipd.it/en

duly filled and electronically signed by

• academic supervisor
• receiving organization tutor*

* in case the receiving organization cannot sign electronically, please contact stage@unipd.it
Erasmus+ for traineeship mobility
(as a paid alternative)

Different rules for application
Does not exclude Erasmus+
Pays slightly more than Erasmus+
Can also get a salary (not from the EU though)

Open call

<table>
<thead>
<tr>
<th>Application deadline</th>
<th>Mobility period</th>
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<tbody>
<tr>
<td>30 July 2021</td>
<td>Sept 21 – Sept 22</td>
</tr>
<tr>
<td>17 September 2021</td>
<td>Nov 21 – Sept 22</td>
</tr>
</tbody>
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[https://www.unipd.it/en/erasmus-traineeship-mobility](https://www.unipd.it/en/erasmus-traineeship-mobility)
Have your credits approved!
Prepare a short report (free format) containing:

i. a few lines summarizing the work done

ii. the type of working environment/conditions that you have experienced at the receiving organization

iii. any critical situation that you may have faced either with us, the career office, or the receiving organization

Will be used to steer our future activity
Internship completion certificate

1. fill your data in an editable pdf
2. Print the result
3. Sign electronically
Sign and deliver!

send to stage@unipd.it

1. the short report, dated and signed by you

2. the internship completion certificate filled and electronically signed by the receiving organization tutor *

your 15 ECTS credits will be automatically recorded in a few business weeks

* in case the receiving organization cannot sign electronically, please contact stage@unipd.it
Contacts

Unipd Career Service
via Martiri della Libertà 2
35137 Padova
www.unipd.it/en/internships
stage@unipd.it
+39 049 827 3075

https://www.facebook.com/CareerServiceUnipd
Questions?

tomaso.erci@unipd.it
(faculty responsible)