<table>
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<th>DEPARTMENT</th>
<th>COURSE</th>
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<td>COMPUTER SCIENCE</td>
<td>CPSC 432</td>
<td>INTERMEDIATE COMPILER DESIGN, WITH A FOCUS ON DEPENDENCY RESOLUTION.</td>
<td>CPSC 432</td>
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Benvenuti in Statale!

A short tour of the University and a view on computer science (master degree version)
Benvenuti in Statale!

Don't PANIC!

http://orientamento.di.unimi.it/index.php/iniziative/bday
What do you do at a University?

• A community of learners who study together
Italian Universities have been for long largely under-funded (~1.4% of GDP invested in R&D vs. 2-3% in EU/US/JP/…)

- Taxes paid by students only cover a small part of actual costs (<20% total funding, as imposed by law)

- University is thus paid for by people not attending it...

- Thus you have a big responsibility: complete your studies and make the most of what you learn!
Teaching organization

- Academic year organized in semesters, several courses per semester (frontal lectures / labs)
- Attending is not mandatory, although strongly advised
- 1 CFU = 25 (student) work hours:
  - 8 classroom + 17 individual study (frontal lessons)
  - 12 lab + 13 individual study (labs)
- Thus attending lectures is not sufficient
- Studying is a full-time activity
MSc is not BSc

• More freedom (check on «Manifesto degli Studi»)
  - a heavily customizable curriculum
  - specific specializations
• As soon as possible, plan your thesis’ work
  - more demanding, thus more challenging
• Studying abroad is extremely meaningful
• Possible collaborations as TA
  - «CS 101» for other bachelor degrees
  - course for BSc in computer science
Exams

- Each course requires one or more exams
  - written (sometimes substituted by partials)
  - oral
  - project

- Exams are planned at specific dates (appelli): Jan Feb Jun Jul Sep

- Six possibilities (for each course) per year: don’t just try them! Moreover, signing up without actually showing up might pose logistic problems
Some pointers

- Teaching office / Ufficio per la didattica
  - via Celoria 18 (ground floor)

- Timetable: [http://easystaff.divsi.unimi.it/PortaleStudenti/](http://easystaff.divsi.unimi.it/PortaleStudenti/)

- Web
  - [http://www.di.unimi.it](http://www.di.unimi.it) (CS department / Dipartimento)

- Student’s guide [https://www.unimi.it/en/international](https://www.unimi.it/en/international)
Important places

- Via Celoria 18: CS department + classrooms + labs
Important places

- Settore didattico and via Golgi: classrooms
Important places

- Via Venezian 15 (didattega): classrooms
Student/teacher communication

- Check beforehand if it is more appropriate to ask to someone else (e.g., teaching office) and if the info is already published somewhere
- Vis à vis (during classes or at office hours)
- Using e-mail, via your address name.surname@studenti.unimi.it
  - be clear, concise, and specify a subject
  - write clearly your name, surname and course
  - send only one message
Some tips...

- Learn how to manage time
- Find your way to approach learning
- Learn how to work in groups and individually, attend labs, discuss with other students and with TAs
- Get informed about teaching opportunities (elective courses, seminars, additional lectures) and learn how to develop practical skills autonomously...
- ...you might also benefit from fee reductions: www.unimi.it > Study > Financial support
Before going on...

https://tinyurl.com/skvkayt2
A look at Computing
Concept map

HARDWARE
how digital computers are done
Concept map

**HARDWARE**
- how digital computers are done

**SOFTWARE**
- system
- application
Concept map

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SOFTWARE
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NETWORK and PROTOCOLS
Concept map

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NETWORK and PROTOCOLS

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Procedure made up by a finite sequence of elementary steps leading to the solution of a problem
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- analyzing, describing, forecasting the behaviour of a system
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DATA

SIGNALS

INFORMATION