# Computer Science: miscellanea and some info

How is it composed:

* The major works in pathways, Major and Minor.
  + The Major consisting of 5 subjects, the Minor of 2. Among the Majors there is AI, and if you want among the Minors there is one directed toward the study of data. After that you have 3 compulsory exams for all and the other exams are optional (however there are several AI ones).
  + There are 3 Majors - “Artificial intelligence”, “Internet mobile and security” e “Programming languages and systems”

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* + There are 3 Minors – “Internet of Things and Embedded Systems”, “Data and Process Management” e “Innovation and Entrepreneurship in ICT”

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Reference site:

* <https://informatica.math.unipd.it/en/master.html>

Be sure to check out all of the rules here (Italian based):

* <https://didattica.unipd.it/didattica/allegati/regolamento/regolamento/1009444.pdf>

Also, here you can find precisely all of the courses and info:

* <https://didattica.unipd.it/off/2023/LM/SC/SC2598>

Requirements in order to enroll:

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Site to have more info to enroll (checking the “Avviso di ammissione” document) and checking all the deadlines in the same page:

* <https://www.unipd.it/ammissioni-scienze-magistrali>

You can also check all of the courses here:

* <https://didattica.unipd.it/off/2023/LM/SC/SC2598/percorso_formativo.pdf>

We also have a Telegram channel dedicated to that:

* <https://t.me/computerScienceUNIPD>
* <https://t.me/FIUPd> (this one suited for more general info on the matters of all CS courses and master degrees)

Check out some rules about presenting the language certifications here:

* <https://www.scienze.unipd.it/en/courses/english-language/master-degree/2223/#c1713>

These are the main professors:

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In order to enroll:

* Unipd > Preimmatricolazione > Laurea Magistrale > Computer Science and all the data should be listed there; here you can see the final score of you Bachelor if you already have one, otherwise, if you come from one another school, department, etc., you can list the courses passed singularly
* In any case, select all the requirements listed here, to prove you can enroll
  + <https://apex.cca.unipd.it/pls/apex/f?p=272:1:16052251028418:::::&tz=2:00>

# Study plan

As stated from: <https://informatica.math.unipd.it/en/master/study-plan/>

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# Courses type for semesters

As of: <https://www.didattica.unipd.it/off/2023/LM/SC/SC2598>

You can also have a comprehensive view here: <https://informatica.math.unipd.it/en/master/courses/>

First semester – First Year:

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Second semester – First Year:

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# English Language B2

This is the writing and speaking test. If you have a certification you can recognize officially via: <https://cla.unipd.it/test-linguistici/certificazioni/>

# Master Thesis

This one goes for 33 CFU, quite a lot.

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As also listed from

To stimulate thesis projects with Startup-View and Internships, the course of study organizes Company-student meetings with the support of the partners.

* When to start and how to find a supervisor

The Master Thesis is the concluding activity of the study path. Since it is intended to lead to the realization of a relevant piece of work, it requires the student to work regularly and with limited distractions. For this reasons, the Master Project should be started after finishing the course exams or, at least, when the number of course exams still to be given is limited (say, 2/3 at most). Ideally, this should happen at the beginning of the second semester of the second year (but in case you are late with the exams, first concentrate on them).

When you feel ready to start, the fist step consists in finding a supervisor (this applies also to the case in which you might be interested in realising your project in a company). There is no formalized procedure for this: simply contact the professors of the courses that you liked most and/or in the area where you’d like to realise your project, and discuss the possible thesis themes.

* Evaluation of the Master Thesis (from July 2023)

The final degree grade is calculated as the sum of the master thesis grade and the weighted average of the exams passed, normalized on a scale of 0 to 110 (i.e., average \* 110/30).

The master thesis is evaluated according to the following grading scheme:

* 0-3: sufficient
* 4-5: good
* 6-7: very good
* 8-9: excellent (requires the opinion of an independent reviewer)

The supervisor proposes a grade, possibly asking for the opinion of an independent reviewer. The student presents the thesis in front a graduation committee (the discussion is in English). The final grade is decided by the graduation committee through a majority vote. The distinction (laude) is awarded to students who demonstrated very good or excellent quality in the curriculum, in the thesis, and in the final thesis defense; it requires unanimity.

The following bonus points are added to the thesis grade:

* 1 point for completing all exams by July of the second year
* 1 point for graduation by December of the second year

More details on:

<https://informatica.math.unipd.it/files/RegolamentoTesiMagistrale-EN-2023.pdf>