

RECOMMENDED CAREER PLAN

Department of Molecular Sciences and Nanosystems

CM13

ordinamento 2022
regolamento 2024

| | Year | Semester | Exam-code | Field code | Subject | Credits | Credits total amount |
|--------------|------|----------|-----------|------------|--|----------|----------------------|
| a.y. 2024-25 | 1 | I | CM0599 | MAT/08 | Numerical Methods | 9 | 60 |
| | | | CM0608 | FIS/03 | Statistical Mechanics | 6 | |
| | | | CM0603 | FIS/02 | Physics of Complex Systems | 9 | |
| | | | CM0600 | ING-IND/22 | Nanotechnology and nanomaterials | 9 | |
| | | II | CM0602 | ING-INF/01 | Advanced Electronics | 9 | |
| | | | CM0604 | ING-INF/05 | Advanced Computer Science | 12 | |
| | | | CM0605 | ING-INF/03 | Advanced Network and Communication Systems | 6 | |
| a.y. 2025-26 | 2 | I | CM0601 | ING-INF/05 | Quantum Computation | 6 | 60 |
| | | | CM0606 | FIS/01 | Quantum Optics | 6 | |
| | | | CM0607 | FIS/03 | Modern Condensed Matter Physics | 6 | |
| | | I-II | | | Elective courses (**) | 6 | |
| | | | | | Elective courses (**) | 6 | |
| | | | | | Internship | 6 | |
| | | | | | Thesis | 24 | |
| | | | | | | tot. CFU | 120 |

Elective courses

(**) Among the 12 credits to be chosen by the students, it is possible to add courses available for every Master Degree programme of Ca' Foscari University.

Recommended courses available in the a.y. 2024/2025

| Recomm. year | Semester | Exam-code | Field code | Subject | Credits |
|--------------|----------|-----------|------------|---|---------|
| 1 | II | CM0649 | ING-INF/01 | Bioelectronics | 6 |
| 2 | I | CM0647 | FIS/01 | Superconductivity And Quantum Materials Science | 6 |
| 2 | I | CM0648 | FIS/03 | Computational Physics | 6 |