

CYCLE 41, YEAR I

- **NANOMATERIALS FOR BIOMEDICAL APPLICATIONS**
Lecturers: Dr. D. Perilli and Dr. P. Siani
Schedule: 2025, November 20, 21, 24, 25 from 10.30 to 12.30 in Aula Seminari (U5). 1CFU.
- **SMART MATERIALS, FROM MOLECULAR SWITCHES TO MOTORS**
Lecturers: Prof. A. Comotti and Prof. B. Feringa
Schedule: 2025, November 26-27 from 14.30 to 16.30 in Aula Seminari (U5); December 1 from 14.30 to 16.30 in Aula Seminari (U5); December 2 from 14.30 to 16.30 in UNIMIB Auditorium (U12). 1CFU.
- **SELF ASSEMBLED EPITAXIAL QUANTUM DOTS**
Lecturers: Dr. S. Vichi and Dr. A. Tuktamyshev
Schedule: 2025, December 9-12 from 10.30 to 12.30 in Aula Seminari (U5). 1CFU.
- **SCINTILLATING MATERIALS AND THEIR APPLICATIONS**
Lecturers: Prof. M. Fasoli and Dr. F. Cova
Schedule: 2026, January 19-23 from 10.30 to 12.30 in Aula Seminari (U5). 1CFU.
- **INTRODUCTION TO GAS SORPTION AND DIFFUSION IN POROUS MATERIAL**
Lecturers: Dr. J. Perego and Dr. C. Bezidenhout
Schedule: 2026, January 26-29 from 10.30 to 12.30 in Aula Seminari (U5). 1CFU.
- **MATERIALS SCIENCE FOR ENERGY CONVERSION AND STORAGE**
Lecturers: Dr. G. Di Liberto and Dr. N. Pianta
Schedule: 2026, February 2-6 from 14.30 to 16.30 in Aula Seminari (U5). 1CFU.
- **SCIENTIFIC ENTREPRENEURSHIP IN MATERIALS SCIENCE AND NANOTECHNOLOGY^(*)**
Lecturer: Prof. L. Miglio
Schedule: 2026, February 9-13 from 14.30 to 16.30 in Aula Seminari (U5). 1CFU.
- **TECHNOLOGIES FOR PRODUCTION AND CONVERSION OF GREEN HYDROGEN^(*)**
Lecturer: Prof. C. Santoro
Schedule: 2026, February 16-20 from 14.30 to 16.30 in Aula Seminari (U5). 1CFU.
- **ADVANCED LIGHT-ABSORBING MATERIALS AND THEIR APPLICATIONS**
Lecturers: Dr. V. Trifiletti, Dr. G. Tseberlidis
Schedule: 2026, February 23-26 from 14.30 to 16.30 in Aula Seminari (U5). 1CFU.
- **PRINCIPLES OF ELECTRON MICROSCOPY AND APPLICATIONS TO NANOMATERIALS RESEARCH^(*)**
Lecturer: Prof. G. Vanacore
Schedule: 2026, March 2-5 from 14.30 to 16.30 in Aula Seminari (U5). 1CFU.
- **TRANSPORT DOWN TO THE NANOSCALE^(*)**
Lecturer: Prof. C. Antonini
Schedule: 2026, All lectures in Aula Seminari (U5) from 14.30 to 16.30 in the following dates:
March 10, 12, 13, 17, 20, 24, 27, 31. 2CFUs.

- **LIGHT-TO-ELECTRICITY DEVICES, FROM SILICON INTEGRATION TO BIOLOGICAL FRONTIERS**
Lecturers: Dr. O. Bettucci, Dr. J. Pedrini
Schedule: 2026, April 13-17 from 10.30 to 12.30 in Aula Seminari (U5). 1CFU.
- **FROM POLYMERIC MATERIALS TO AUGMENTED REALITY AND HEALTH MONITORING: THE FUTURE OF CONTACT LENS MATERIALS**
Lecturers: Dr. M. Mauri, Dr. E. Ponzini
Schedule: 2026, April 20-24 from 14.30 to 16.30 in Aula Seminari (U5). 1CFU.
- **NEUROMORPHIC COMPUTING: MATERIALS AND DEVICES**
Lecturers: Dr. S. Spiga, Dr. S. Brivio
Schedule: 2026, May 18-21 from 14.30 to 16.30 in Aula Seminari (U5). 1CFU.
- **THE ROLE OF INORGANIC SYSTEMS IN FORMULATIONS: CHEMISTRY INSIGHTS AND APPLICATIONS**
Lecturers: Prof. R. Scotti, Prof. M. D'Arienzo
Schedule: 2026, May 25-28 from 14.30 to 16.30 in Aula Seminari (U5). 1CFU.
- **THEORY AND MODELING OF EPITAXY^(*)**
Lecturers: Prof. R. Bergamaschini, Prof. F. Montalenti
Schedule: 2026, June 22-26 from 14.30 to 16.30 in Aula Seminari (U5); June 29-30 and July 1-3 from 10.30 to 12.30 in Aula Seminari (U5). 2CFUs.

^(*) The same Course is also valid for Cycle 40, year II.