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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSC IN MATHEMATICAL ENGINEERING – FIRST YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACKS “RealMaths” Double Degree with Brno University of Technology (BUT) + Partner Students with Brno University of Technology (BUT) |
| SUBJECTS | |
| Functional and Complex Analysis or Complex Analysis** (M. Palombaro, G. Ciampa, MS Teams code: x6tpygv) | Stochastic Processes (L. Galeati - MS Teams code: 738mcw4) |
| Discrete and Continuum Mechanics with Applications (F. Dell’Isola - MS Teams code: onmqoyy) | Italian Language for Foreigners (level A2) (R. Antonetti, MS Teams code: zwkunv3) |
| Combinatorics and Cryptography (R. Civino - MS Teams code: 7uj6qin) | Parallel Computing + Lab (A. Cicone - MS Teams code: h392itl) |

*The first 18 hours of the courses “Parallel Computing” and “Parallel Computing Laboratory” will be dedicated to the Pre-Master’s Foundation Programme course “Introduction to MATLAB”.

**Partner Students will follow the 6CFU course “Complex Analysis”. The latter will start at the beginning of April. Please, contact the instructors to know the exact starting date.

| TIME ① | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|--------------------|----------------------------------------------------|-----------------|----------------------|----------------------|----------------------------------------------------|-----------------|---------------------------------|-----------------|--------------------------------|----------------------|
| 08:30-09:30 | | | Parallel Computing* | Ed. Ricamo A1.7 | | | Combinatorics and Cryptography | Ed. Ricamo A1.7 | Stochastic Processes | Ed. Alan Turing A0.4 |
| 09:30-10:30 | | | Parallel Computing* | Ed. Ricamo A1.7 | | | Combinatorics and Cryptography | Ed. Ricamo A1.7 | Stochastic Processes | Ed. Alan Turing A0.4 |
| 10:30-11:30 | | | Parallel Computing* | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Combinatorics and Cryptography | Ed. Ricamo A1.7 | Stochastic Processes | Ed. Alan Turing A0.4 |
| 11:30-12:30 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Stochastic Processes | Ed. Alan Turing A0.4 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Combinatorics and Cryptography | Ed. Ricamo A1.7 |
| 12:30-13:30 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Stochastic Processes | Ed. Alan Turing A0.4 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Combinatorics and Cryptography | Ed. Ricamo A1.7 |
| 14:30-15:30 | Discrete and Continuum Mechanics with Applications | C1.9 | | | Italian A2 | C1.10 | | | | |
| 15:30-16:30 | Discrete and Continuum Mechanics with Applications | C1.9 | | | Italian A2 | C1.10 | | | | |
| 16:30-17:30 | Discrete and Continuum Mechanics with Applications | C1.9 | | | Italian A2 | C1.10 | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
| 17:30-18:30 | Discrete and Continuum Mechanics with Applications | C1.9 | | | <i>Tutoring of Functional and Complex Analysis</i> | C1.10 | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
| 18:30-19:30 | | | | | <i>Tutoring of Functional and Complex Analysis</i> | C1.10 | | | | |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSc IN MATHEMATICAL ENGINEERING – FIRST YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACKS “RealMaths” Double Degree with Leibniz University Hannover (LUH) |
| SUBJECTS | |
| Advanced probability (I. Minelli – MS Teams code: vwh803z) | Italian Language for Foreigners (level A2) (R. Antonetti, MS Teams code: zwkunv3) |
| Computational fluid dynamics (L. Biancofiore – MS Teams code: aye4gc8) | Parallel Computing + Lab (A. Cicone - MS Teams code: h392itl) |
| Numerical Methods for Differential Equations (R. D’Ambrosio, C. Scalone - MS Teams code: fuunap2) | |

*The first 18 hours of the courses “Parallel Computing” and “Parallel Computing Laboratory” will be dedicated to the Pre-Master’s Foundation Programme course “Introduction to MATLAB”.

| TIME ① | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|--------------------|----------------------------------------------|----------------------|------------------------------|-----------------|----------------------------------------------|----------------------|-------------------------|-----------------|----------------------|----------------------|
| 08:30-09:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | Numerical Methods For Differential Equations | Ed. Alan Turing A1.5 | | | | |
| 09:30-10:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | Numerical Methods For Differential Equations | Ed. Alan Turing A1.5 | | | | |
| 10:30-11:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | Numerical Methods For Differential Equations | Ed. Alan Turing A1.5 | | | Advanced Probability | Ed. Ricamo A1.1 |
| 11:30-12:30 | Numerical Methods For Differential Equations | Ed. Alan Turing A1.5 | Advanced Probability | Ed. Ricamo A0.6 | | | | | Advanced Probability | Ed. Ricamo A1.1 |
| 12:30-13:30 | Numerical Methods For Differential Equations | Ed. Alan Turing A1.5 | Advanced Probability | Ed. Ricamo A0.6 | | | | | Advanced Probability | Ed. Ricamo A1.1 |
| 14:30-15:30 | <i>Tutoring of Advanced Probability</i> | | | | Italian A2 | C1.10 | Advanced Probability | Ed. Ricamo A0.6 | | |
| 15:30-16:30 | <i>Tutoring of Advanced Probability</i> | | | | Italian A2 | C1.10 | Advanced Probability | Ed. Ricamo A0.6 | | |
| 16:30-17:30 | | | Computational Fluid Dynamics | C1.10 | Italian A2 | C1.10 | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
| 17:30-18:30 | | | Computational Fluid Dynamics | C1.10 | | | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSc IN MATHEMATICAL ENGINEERING – FIRST YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACKS “RealMaths” Double Degree with Gdansk University of Technology (GUT) and Karlstad University (KAU) |
| SUBJECTS | |
| Functional and Complex Analysis (M. Palombaro, G. Ciampa – MS Teams code: x6tpygv) | Kinetic Theory and Stochastic Simulations (M. Colangeli – MS Teams code: qa0p9eg) |
| Computational fluid dynamics (L. Biancofiore - MS Teams code: aye4gc8) | Italian Language for Foreigners (level A2) (R. Antonetti, MS Teams code: zwkunv3) |
| Numerical Methods for Linear Algebra and Optimisation (A. Cicone - MS Teams code: hmm338s) | Parallel Computing + Lab (A. Cicone - MS Teams code: h392itl) |

*The first 18 hours of the courses “Parallel Computing” and “Parallel Computing Laboratory” will be dedicated to the Pre-Master’s Foundation Programme course “Introduction to MATLAB”.

| TIME 🕒 | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|--------------------|---------------------------------|------------------|------------------------------|------------------|----------------------------------------------------|------------------|-------------------------------------------------------|----------------------|-------------------------------------------------------|----------------------|
| 08:30-09:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | Italian A2 | Ed. Ricamo, A1.8 | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.1 |
| 09:30-10:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | Italian A2 | Ed. Ricamo, A1.8 | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.1 |
| 10:30-11:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.1 |
| 11:30-12:30 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | | Functional and Complex Analysis | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 |
| 12:30-13:30 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | | Functional and Complex Analysis | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 |
| 14:30-15:30 | | | | | | | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.5 | | |
| 15:30-16:30 | | | | | | | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.5 | | |
| 16:30-17:30 | | | Computational Fluid Dynamics | C1.10 | | | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
| 17:30-18:30 | | | Computational Fluid Dynamics | C1.10 | <i>Tutoring of Functional and Complex Analysis</i> | C1.10 | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
| 18:30-19:30 | | | | | <i>Tutoring of Functional and Complex Analysis</i> | C1.10 | | | | |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSC IN MATHEMATICAL ENGINEERING – FIRST YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACKS “RealMaths” Double degree with Silesian University of Technology (SUT) and University of Silesia (US) |
| SUBJECTS | |
| Functional and Complex Analysis (M. Palombaro, G. Ciampa, MS Teams code: x6tpygv) | Curves, Surfaces and discretization (G. Pipoli - MS Teams code: kx322k7) |
| Data Analytics (6 CFU) (F. Rossi, A. Manno – MS Teams code: ypvyyye) | Italian Language for Foreigners (level A2) (R. Antonetti - MS Teams code: zwkunv3) |
| Seismology (G. De Luca - MS Teams code: 5m810h9) | Parallel Computing + Lab (A. Cicone - MS Teams code: h392itl) |

*The first 18 hours of the courses “Parallel Computing” and “Parallel Computing Laboratory” will be dedicated to the Pre-Master’s Foundation Programme course “Introduction to MATLAB”.

| TIME ① | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|--------------------|-----------------------------------------|-----------------|-------------------------------------|----------------------|---------------------------------|-----------------|-------------------------------------|----------------------|-----------------------------------------|----------------------|
| 08:30-09:30 | Seismology | HPC | Parallel Computing* | Ed. Ricamo A1.7 | Italian A2 | Ed. Ricamo A1.8 | | | | |
| 09:30-10:30 | Seismology | HPC | Parallel Computing* | Ed. Ricamo A1.7 | Italian A2 | Ed. Ricamo A1.8 | Curves, surfaces and discretization | Ed. Alan Turing A1.5 | | |
| 10:30-11:30 | Seismology | HPC | Parallel Computing* | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Curves, surfaces and discretization | Ed. Alan Turing A1.5 | | |
| 11:30-12:30 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | | Functional and Complex Analysis | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | |
| 12:30-13:30 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | | Functional and Complex Analysis | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | |
| 14:30-15:30 | | | Curves, surfaces and discretization | Ed. Alan Turing A1.5 | | | Seismology | HPC | Data Analytics and Data Driven Decision | Ed. Alan Turing A1.6 |
| 15:30-16:30 | | | Curves Surfaces and Discretization | Ed. Alan Turing A1.5 | | | Seismology | HPC | Data Analytics and Data Driven Decision | Ed. Alan Turing A1.6 |
| 16:30-17:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | Curves Surfaces and Discretization | Ed. Alan Turing A1.5 | | | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
| 17:30-18:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | | | | | MSC IN MATHEMATICAL ENGINEERING – FIRST YEAR | | | | |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | | | | | INTERNATIONAL STUDY TRACKS “RealMaths” Double degree with University of Aveiro (UA) | | | | |
| SUBJECTS | | | | | | | | | |
| Functional and Complex Analysis (M. Palombaro, G. Ciampa, MS Teams code: x6tpygv) | | | | | Combinatorics and Cryptography (R. Civino - MS Teams code: 7uj6qin) | | | | |
| Stochastic Processes (L. Galeati - MS Teams code: 738mcw4) | | | | | Italian Language for Foreigners (level A2) (R. Antonetti, MS Teams code: zwkunv3) | | | | |
| Discrete and Continuum Mechanics with Applications (F. Dell’Isola - MS Teams code: onmqoyy) | | | | | Parallel Computing + Lab (A. Cicone - MS Teams code: h392itl) | | | | |

*The first 18 hours of the courses “Parallel Computing” and “Parallel Computing Laboratory” will be dedicated to the Pre-Master’s Foundation Programme course “Introduction to MATLAB”.

| TIME ① | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|--------------------|----------------------------------------------------|------------------|----------------------|----------------------|----------------------------------------------------|------------------|---------------------------------|------------------|--------------------------------|----------------------|
| 08:30-09:30 | | | Parallel Computing* | Ed. Ricamo A1.7 | | | Combinatorics and Cryptography | Ed. Ricamo A1.7 | Stochastic Processes | Ed. Alan Turing A0.4 |
| 09:30-10:30 | | | Parallel Computing* | Ed. Ricamo A1.7 | | | Combinatorics and Cryptography | Ed. Ricamo A1.7 | Stochastic Processes | Ed. Alan Turing A0.4 |
| 10:30-11:30 | | | Parallel Computing* | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Combinatorics and Cryptography | Ed. Ricamo A1.7 | Stochastic Processes | Ed. Alan Turing A0.4 |
| 11:30-12:30 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Stochastic Processes | Ed. Alan Turing A0.4 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Combinatorics and Cryptography | Ed. Ricamo A1.7 |
| 12:30-13:30 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Stochastic Processes | Ed. Alan Turing A0.4 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Combinatorics and Cryptography | Ed. Ricamo A1.7 |
| 14:30-15:30 | Discrete and Continuum Mechanics with Applications | C1.9 | | | Italian A2 | C1.10 | | | | |
| 15:30-16:30 | Discrete and Continuum Mechanics with Applications | C1.9 | | | Italian A2 | C1.10 | | | | |
| 16:30-17:30 | Discrete and Continuum Mechanics with Applications | C1.9 | | | Italian A2 | C1.10 | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
| 17:30–18:30 | Discrete and Continuum Mechanics with Applications | C1.9 | | | <i>Tutoring of Functional and Complex Analysis</i> | C1.10 | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
| 18:30-19:30 | | | | | <i>Tutoring of Functional and Complex Analysis</i> | C1.10 | | | | |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSc IN MATHEMATICAL ENGINEERING – FIRST YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACKS “RealMaths” Double degree with York University (YU) |
| SUBJECTS | |
| Functional and Complex Analysis (M. Palombaro, G. Ciampa, MS Teams code: x6tpygv) | Italian Language for Foreigners (level A2) (R. Antonetti, MS Teams code: zwkunv3) |
| Kinetic Theory and Stochastic Simulations (M. Colangeli - MS Teams code: qa0p9eg) | Parallel Computing + Lab (A. Cicone - MS Teams code: h392itl) |
| Numerical Methods for Linear Algebra and Optimisation (A. Cicone - MS Teams code: hmm338s) | Computational fluid dynamics (L. Biancofiore – MS Teams code: aye4gc8) |

*The first 18 hours of the courses “Parallel Computing” and “Parallel Computing Laboratory” will be dedicated to the Pre-Master’s Foundation Programme course “Introduction to MATLAB”.

| TIME 🕒 | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|--------------------|---------------------------------|-----------------|------------------------------|-----------------|----------------------------------------------------|-----------------|-------------------------------------------------------|----------------------|-------------------------------------------------------|----------------------|
| 08:30-09:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | | | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.1 |
| 09:30-10:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | | | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.1 |
| 10:30-11:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.1 |
| 11:30-12:30 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | | Functional and Complex Analysis | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 |
| 12:30-13:30 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | | Functional and Complex Analysis | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 |
| 14:30-15:30 | | | | | Italian A2 | C1.10 | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.5 | | |
| 15:30-16:30 | | | | | Italian A2 | C1.10 | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.5 | | |
| 16:30-17:30 | | | Computational Fluid Dynamics | C1.10 | Italian A2 | C1.10 | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
| 17:30–18:30 | | | Computational Fluid Dynamics | C1.10 | <i>Tutoring of Functional and Complex Analysis</i> | C1.10 | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
| 18:30-19:30 | | | | | <i>Tutoring of Functional and Complex Analysis</i> | C1.10 | | | | |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSC IN MATHEMATICAL ENGINEERING – FIRST YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACK “RealMaths” (double degree with KNUST) |
| SUBJECTS | |
| Functional and Complex Analysis (M. Palombaro, G. Ciampa, MS Teams code: x6tpygv) | Italian Language for Foreigners (level A2) (R. Antonetti, MS Teams code: zwkunv3) |
| Discrete and Continuum Mechanics with Applications (F.Dell’Isola, MS Teams code: onmqooy) | |

| TIME ⌚ | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|-------------|----------------------------------------------------|-----------------|---------|-----------|----------------------------------------------------|-----------------|---------------------------------|-----------------|--------|-----------|
| 08:30-09:30 | | | | | | | | | | |
| 09:30-10:30 | | | | | | | | | | |
| 10:30-11:30 | | | | | Functional and Complex Analysis | Ed. Ricamo A1.7 | | | | |
| 11:30-12:30 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | | Functional and Complex Analysis | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | |
| 12:30-13:30 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | | Functional and Complex Analysis | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | |
| 14:30-15:30 | Discrete and Continuum Mechanics with Applications | C1.9 | | | Italian A2 | C1.10 | | | | |
| 15:30-16:30 | Discrete and Continuum Mechanics with Applications | C1.9 | | | Italian A2 | C1.10 | | | | |
| 16:30-17:30 | Discrete and Continuum Mechanics with Applications | C1.9 | | | Italian A2 | C1.10 | | | | |
| 17:30–18:30 | Discrete and Continuum Mechanics with Applications | C1.9 | | | <i>Tutoring of Functional and Complex Analysis</i> | C1.10 | | | | |
| 18:30-19:30 | | | | | <i>Tutoring of Functional and Complex Analysis</i> | C1.10 | | | | |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSC IN MATHEMATICAL ENGINEERING – FIRST YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACK “RealMaths” (double degree with TSNUK) – BRANCH “APPLIED MATHEMATICS” |
| SUBJECTS | |
| Discrete and Continuum Mechanics with Applications (F.Dell’Isola, MS Teams code: onmqoyy) | Italian Language for Foreigners (level A1) (R. Antonetti, MS Teams code: imoed87) |
| Kinetic Theory and Stochastic Simulations (M. Colangeli, MS Teams code: qa0p9eg) | Numerical convex optimization (V. Protasov, MS Teams code: z0cytbq) |
| Network algorithms (F. Rossi – MS Teams code: f41qlno) | ICT security (W.Tiberti, Y. Zacchia Lun, MS Teams code: 0cj4ak8) |

The Italian A1 course is dedicated to TSNUK students, branch “Applied Mathematics”

| TIME ① | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|--------------------|----------------------------------------------------|----------------------|---------------------|----------------------|-------------------------------|---------------|-------------------------------------------|----------------------|-------------------------------------------|----------------------|
| 08:30-09:30 | | | | | | | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | | |
| 09:30-10:30 | | | | | | | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Networks Algorithms | Ed. Alan Turing A1.3 |
| 10:30-11:30 | | | | | | | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Networks Algorithms | Ed. Alan Turing A1.3 |
| 11:30-12:30 | ICT Security | Ed. Alan Turing A0.4 | | | Italian A1* | Digital Class | Numerical convex optimization | Lab. Math. Mods. | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 |
| 12:30-13:30 | ICT Security | Ed. Alan Turing A0.4 | | | Italian A1* | Digital Class | Numerical convex optimization | Lab. Math. Mods | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 |
| 14:30-15:30 | Discrete and Continuum Mechanics with Applications | C1.9 | Networks Algorithms | Ed. Alan Turing A1.4 | Numerical convex optimization | HPC | ICT Security | Ed. Alan Turing A0.4 | | |
| 15:30-16:30 | Discrete and Continuum Mechanics with Applications | C1.9 | Networks Algorithms | Ed. Alan Turing A1.4 | Numerical convex optimization | HPC | ICT Security | Ed. Alan Turing A0.4 | | |
| 16:30-17:30 | Discrete and Continuum Mechanics with Applications | C1.9 | Italian A1* | Ed. Ricamo, A2.5 | Numerical convex optimization | HPC | | | | |
| 17:30-18:30 | Discrete and Continuum Mechanics with Applications | C1.9 | Italian A1* | Ed. Ricamo, A2.5 | | | | | | |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSc IN MATHEMATICAL ENGINEERING – FIRST YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACK “RealMaths” (double degree with TSNUK) – BRANCH “SYSTEMS AND METHODS OF DECISION MAKING” |
| SUBJECTS | |
| Network algorithms (F. Rossi, MS Teams code: f41qlno) | Italian Language for Foreigners (level A1) (R. Antonetti, MS Teams code: imoed87) |
| One between: Combinatorics and Cryptography (R. Civino - MS Teams code: 7uj6qin) and Kinetic Theory and Stochastic Simulations (M. Colangeli - MS Teams code: qa0p9eg) | Numerical convex optimization (V. Protasov, MS Teams code: z0cytbq) |
| Decision Optimization (6CFU) (F. Rossi, A. Manno, MS Teams code: ypvyyye) | Deep neural Network (G. Stilo, A. Manno MS Teams code: bxo9gjq) |

The Italian A1 course is dedicated to TSNUK students, branch “Systems and Methods of Decision Making”

| TIME ① | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|--------------------|-----------------------|-----------------|--------------------------------------------|------------------------|-------------------------------|---------------|--------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------|---------------------------------------|
| 08:30-09:30 | | | | | | | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 | | |
| 09:30-10:30 | | | | | | | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 | Networks Algorithms | Ed. Alan Turing A1.3 |
| 10:30-11:30 | | | | | | | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 | Networks Algorithms | Ed. Alan Turing A1.3 |
| 11:30-12:30 | | | Deep Neural Network/ Decision Optimization | C1.16/ Ed. Ricamo A1.7 | Italian A1 | Digital Class | Numerical convex optimization | Lab Math. Mods | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 |
| 12:30-13:30 | | | Deep Neural Network/ Decision Optimization | C1.16/ Ed. Ricamo A1.7 | Italian A1 | Digital Class | Numerical convex optimization | Lab Math. Mods | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 |
| 14:30-15:30 | Decision Optimization | Ed. Ricamo A1.7 | Networks Algorithms | Ed. Alan Turing A1.4 | Numerical convex optimization | HPC | Deep Neural Network | C1.16 | | |
| 15:30-16:30 | Decision Optimization | Ed. Ricamo A1.7 | Networks Algorithms | Ed. Alan Turing A1.4 | Numerical convex optimization | HPC | Deep Neural Network | C1.16 | | |
| 16:30-17:30 | | | Italian A1 | Ed. Ricamo A2.5 | Numerical convex optimization | HPC | | | | |
| 17:30-18:30 | | | Italian A1 | Ed. Ricamo A2.5 | | | | | | |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSC IN MATHEMATICAL ENGINEERING – SECOND YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACK “RealMaths” (double degree with SUT) |
| SUBJECTS | |
| Data Analytics and Data Driven Decision (9 CFU) (F. Rossi, A. Manno – MS Teams code: ypvyyye) | Italian Language for Foreigners (level A2) (R. Antonetti, MS Teams code: zwkunv3) |
| Combinatorics and Cryptography (R. Civino - MS Teams code: 7uj6qin) | |

| TIME 🕒 | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|-------------|-----------------------------------------|-----------------|-----------------------------------------|-----------------|------------|-----------|--------------------------------|-----------------|-----------------------------------------|----------------------|
| 08:30-09:30 | | | | | | | Combinatorics and Cryptography | Ed. Ricamo A1.7 | | |
| 09:30-10:30 | | | | | | | Combinatorics and Cryptography | Ed. Ricamo A1.7 | | |
| 10:30-11:30 | | | | | | | Combinatorics and Cryptography | Ed. Ricamo A1.7 | | |
| 11:30-12:30 | | | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | Combinatorics and Cryptography | Ed. Ricamo A1.7 |
| 12:30-13:30 | | | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | Combinatorics and Cryptography | Ed. Ricamo A1.7 |
| 14:30-15:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | Italian A2 | C1.10 | | | Data Analytics and Data Driven Decision | Ed. Alan Turing A1.6 |
| 15:30-16:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | Italian A2 | C1.10 | | | Data Analytics and Data Driven Decision | Ed. Alan Turing A1.6 |
| 16:30-17:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | Italian A2 | C1.10 | | | | |
| 17:30-18:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | | | | |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSc IN MATHEMATICAL ENGINEERING – SECOND YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACK “RealMaths” (double degree with KHNU) – BRANCH “APPLIED MATHEMATICS STUDY PLAN 1” |
| SUBJECTS | |
| Kinetic Theory and Stochastic Simulations (M. Colangeli - MS Teams code: qa0p9eg) | Italian Language for Foreigners (level A2) (R. Antonetti, MS Teams code: zwkunv3) |
| Parallel computing laboratory (A. Cicone - MS Teams code: h392itl) | Network algorithms (F. Rossi, MS Teams code: f41qlno) |
| Combinatorics and Cryptography (R. Civino - MS Teams code: 7uj6qin) | |

| TIME ① | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|-------------|--------|-----------|---------------------|----------------------|------------|-----------|--------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------|---------------------------------------|
| 08:30-09:30 | | | | | | | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 | | |
| 09:30-10:30 | | | | | | | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 | Networks Algorithms | Ed. Alan Turing A1.3 |
| 10:30-11:30 | | | | | | | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 | Networks Algorithms | Ed. Alan Turing A1.3 |
| 11:30-12:30 | | | | | | | | | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 |
| 12:30-13:30 | | | | | | | | | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 |
| 14:30-15:30 | | | Networks Algorithms | Ed. Alan Turing A1.4 | Italian A2 | C1.10 | | | | |
| 15:30-16:30 | | | Networks Algorithms | Ed. Alan Turing A1.4 | Italian A2 | C1.10 | | | | |
| 16:30-17:30 | | | | | Italian A2 | C1.10 | Parallel Computing Lab | Ed. Ricamo A1.7 | | |
| 17:30-18:30 | | | | | | | Parallel Computing Lab | Ed. Ricamo A1.7 | | |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSC IN MATHEMATICAL ENGINEERING – SECOND YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACK “RealMaths” (double degree with IFNUL) – BRANCH “DECISION MAKING AND PREDICTION” |
| SUBJECTS | |
| Data Analytics and Data Driven Decision (F. Rossi, A. Manno - MS Teams code: ypvyyye) (9 CFU) | Italian Language for Foreigners (level A2) (R. Antonetti, MS Teams code: zwkunv3) |

| TIME 🕒 | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|-------------|-----------------------------------------|-----------------|-----------------------------------------|-----------------|------------|-----------|----------|-----------|-----------------------------------------|----------------------|
| 08:30-09:30 | | | | | | | | | | |
| 09:30-10:30 | | | | | | | | | | |
| 10:30-11:30 | | | | | | | | | | |
| 11:30-12:30 | | | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | | |
| 12:30-13:30 | | | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | | |
| 14:30-15:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | Italian A2 | C1.10 | | | Data Analytics and Data Driven Decision | Ed. Alan Turing A1.6 |
| 15:30-16:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | Italian A2 | C1.10 | | | Data Analytics and Data Driven Decision | Ed. Alan Turing A1.6 |
| 16:30-17:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | Italian A2 | C1.10 | | | | |
| 17:30-18:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | | | | |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSc IN MATHEMATICAL ENGINEERING – SECOND YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACK “RealMaths” (double degree with UZHNU) BRANCH: “APPLIED MATHEMATICS” |
| SUBJECTS | |
| Kinetic Theory and Stochastic Simulations (M. Colangeli - MS Teams code: qa0p9eg) | Italian Language for Foreigners (level A2) (R. Antonetti, MS Teams code: zwkunv3) |
| Numerical Convex Optimization (V. Protasov - MS Teams code: z0cytbq) | Stochastic Processes (L. Galeati - MS Teams code: 738mcw4) |

| TIME ① | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|-------------|--------|-----------|----------------------|----------------------|-------------------------------|------------------|-------------------------------------------|----------------------|-------------------------------------------|----------------------|
| 08:30-09:30 | | | | | Italian A2 | Ed. Ricamo, A1.8 | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Stochastic Processes | Ed. Alan Turing A0.4 |
| 09:30-10:30 | | | | | Italian A2 | Ed. Ricamo, A1.8 | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Stochastic Processes | Ed. Alan Turing A0.4 |
| 10:30-11:30 | | | | | | | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Stochastic Processes | Ed. Alan Turing A0.4 |
| 11:30-12:30 | | | Stochastic Processes | Ed. Alan Turing A0.4 | | | Numerical convex optimization | Lab Math. Mods | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 |
| 12:30-13:30 | | | Stochastic Processes | Ed. Alan Turing A0.4 | | | Numerical convex optimization | Lab Math. Mods | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 |
| 14:30-15:30 | | | | | Numerical convex optimization | HPC | | | | |
| 15:30-16:30 | | | | | Numerical convex optimization | HPC | | | | |
| 16:30-17:30 | | | | | Numerical convex optimization | HPC | | | | |
| 17:30-18:30 | | | | | | | | | | |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSC IN MATHEMATICAL ENGINEERING – SECOND YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACK “RealMaths” (double degree with UZHNU) BRANCH: “SYSTEM ANALYSIS” |
| SUBJECTS | |
| One between: Kinetic Theory and Stochastic Simulations (M. Colangeli - MS Teams code: qa0p9eg) and Combinatorics and Cryptography (R. Civino - MS Teams code: 7uj6qin) | Italian Language for Foreigners (level A2) (R. Antonetti, MS Teams code: zwkunv3) |
| Seismology (G. De Luca – MS Teams code: 5m810h9) | Artificial Intelligence for Medical Imaging (6 CFU) (G. Placidi - MS Teams code: fmiag5i) |
| Parallel Computing + Lab (A. Cicone - MS Teams code: h392itl) | |

*The first 18 hours of the courses “Parallel Computing” and “Parallel Computing Laboratory” will be dedicated to the Pre-Master’s Foundation Programme course “Introduction to MATLAB”.

| TIME ① | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|-------------|---------------------------------------------|-----------------|---------------------------------------------|-----------------|------------|-----------|--------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------|---------------------------------------|
| 08:30-09:30 | Seismology | HPC | Parallel Computing* | Ed. Ricamo A1.7 | | | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 | | |
| 09:30-10:30 | Seismology | HPC | Parallel Computing* | Ed. Ricamo A1.7 | | | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 | | |
| 10:30-11:30 | Seismology | HPC | Parallel Computing* | Ed. Ricamo A1.7 | | | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 | | |
| 11:30-12:30 | | | Artificial Intelligence for Medical Imaging | Ed. Ricamo A1.1 | | | | | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 |
| 12:30-13:30 | | | Artificial Intelligence for Medical Imaging | Ed. Ricamo A1.1 | | | | | Kinetic Theory and Stochastic Simulations/Combinatorics and Cryptography | Ed. Alan Turing A0.4 /Ed. Ricamo A1.7 |
| 14:30-15:30 | | | | | Italian A2 | C1.10 | Seismology | HPC | | |
| 15:30-16:30 | | | | | Italian A2 | C1.10 | Seismology | HPC | | |
| 16:30-17:30 | Artificial Intelligence for Medical Imaging | Ed. Ricamo A1.1 | | | Italian A2 | C1.10 | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
| 17:30-18:30 | Artificial Intelligence for Medical Imaging | Ed. Ricamo A1.1 | | | | | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSC IN MATHEMATICAL ENGINEERING – SECOND YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACK “RealMaths” (double degree with ONU) – |
| SUBJECTS | |
| Discrete and Continuum Mechanics with Applications (F.Dell’Isola, MS Teams code: onmqoyy) | |

| TIME 🕒 | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|--------------------|----------------------------------------------------|-----------|----------------------------------------------------|-----------|------------|-----------|----------|-----------|--------|-----------|
| 08:30-09:30 | | | | | | | | | | |
| 09:30-10:30 | | | | | | | | | | |
| 10:30-11:30 | | | | | | | | | | |
| 11:30-12:30 | | | | | | | | | | |
| 12:30-13:30 | | | | | | | | | | |
| 14:30-15:30 | Discrete and Continuum Mechanics with Applications | C1.9 | Discrete and Continuum Mechanics with Applications | C1.9 | Italian A2 | C1.10 | | | | |
| 15:30-16:30 | Discrete and Continuum Mechanics with Applications | C1.9 | Discrete and Continuum Mechanics with Applications | C1.9 | Italian A2 | C1.10 | | | | |
| 16:30-17:30 | Discrete and Continuum Mechanics with Applications | C1.9 | Discrete and Continuum Mechanics with Applications | C1.9 | Italian A2 | C1.10 | | | | |
| 17:30-18:30 | Discrete and Continuum Mechanics with Applications | C1.9 | | | | | | | | |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSC IN MATHEMATICAL ENGINEERING – SECOND YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | INTERNATIONAL STUDY TRACK “RealMaths” (double degree with LPNU) |
| SUBJECTS | |
| Computational fluid dynamics (L. Biancofiore – MS Teams code: aye4gc8) | Italian Language for Foreigners (level A2) (R. Antonetti, MS Teams code: zwkunv3) |
| Data Analytics and Data Driven Decision (F. Rossi, A. Manno - MS Teams code: ypvyyye) | |

| TIME 🕒 | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|--------------------|-----------------------------------------|-----------------|-----------------------------------------|-----------------|-----------|-----------|----------|-----------|-----------------------------------------|----------------------|
| 08:30-09:30 | Computational Fluid Dynamics | C1.9 | | | | | | | | |
| 09:30-10:30 | Computational Fluid Dynamics | C1.9 | | | | | | | | |
| 10:30-11:30 | Computational Fluid Dynamics | C1.9 | | | | | | | | |
| 11:30-12:30 | | | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | | |
| 12:30-13:30 | | | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | | |
| 14:30-15:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | | | Data Analytics and Data Driven Decision | Ed. Alan Turing A1.6 |
| 15:30-16:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | | | Data Analytics and Data Driven Decision | Ed. Alan Turing A1.6 |
| 16:30-17:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | Computational Fluid Dynamics | C1.10 | | | | | | |
| 17:30-18:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | Computational Fluid Dynamics | C1.10 | | | | | | |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSc IN MATHEMATICAL ENGINEERING |
| 24 FEBRUARY 2025 / 6 JUNE 2025 | LOCAL PATH (FIRST AND SECOND YEARS) |
| SUBJECTS | |
| Advanced English Reading and Writing (M. Fiorenza - MS Teams code: ksluzn4) | Kinetic Theory and Stochastic Simulations (M. Colangeli - MS Teams code: qa0p9eg) |
| Data Analytics and Data Driven Decision (F. Rossi, A. Manno - MS Teams code: ypvyyye) | Numerical Methods for Differential Equations (R. D'Ambrosio, C. Scalone - MS Teams code: fuunap2) |
| Stochastic Financial Market Models (F. Antonelli - MS Teams code: yczcx2a) | Numerical Convex Optimization (V. Protasov - MS Teams code: z0cytbq) |
| Seismology (G. De Luca – MS Teams code: 5m810h9) | Big Data Models and Algorithms (M. D'Emidio – MS Teams code: 2e6nmt1) |

| TIME ① | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|--------------------|-------------------------------------------------|----------------------|-----------------------------------------|----------------------------|----------------------------------------------|----------------------------|-------------------------------------------|----------------------|-------------------------------------------|----------------------|
| 08:30-09:30 | Advanced English Reading and Writing/Seismology | Lab Math Mods/HPC | | | Numerical Methods for Differential Equations | Ed. Alan Turing A1.5 | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Stochastic Financial Markets | Lab Math Mod. |
| 09:30-10:30 | Advanced English Reading and Writing/Seismology | Lab Math Mods/HPC | Stochastic Financial Market Models | Lab. Math. Mod. | Numerical Methods for Differential Equations | Ed. Alan Turing A1.5 | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Stochastic Financial Market Models | Lab Math Mod. |
| 10:30-11:30 | Seismology | HPC | Stochastic Financial Market Models | Lab. Math. Mod. | Numerical Methods for Differential Equations | Ed. Alan Turing A1.5 | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Stochastic Financial Market Models | Lab Math Mod |
| 11:30-12:30 | Numerical Methods for Differential Equations | Ed. Alan Turing A1.5 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | Big Data Models and Algorithms | Ed. Alan Turing, Aula A1.3 | Numerical convex optimization | Lab. Math. Mod. | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 |
| 12:30-13:30 | Numerical Methods for Differential Equations | Ed. Alan Turing A1.5 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | Big Data Models and Algorithms | Ed. Alan Turing, Aula A1.3 | Numerical convex optimization | Lab. Math. Mod. | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 |
| 14:30-15:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | Big Data Models and Algorithms | Ed. Alan Turing, Aula A0.4 | Numerical convex optimization | HPC | Seismology | HPC | Data Analytics and Data Driven Decision | Ed. Alan Turing A1.6 |
| 15:30-16:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | Big Data Models and Algorithms | Ed. Alan Turing, Aula A0.4 | Numerical convex optimization | HPC | Seismology | HPC | Data Analytics and Data Driven Decision | Ed. Alan Turing A1.6 |
| 16:30-17:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | Big Data Models and Algorithms | Ed. Alan Turing, Aula A0.4 | Numerical convex optimization | HPC | | | | |
| 17:30-18:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | | | | |

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| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSC IN MATHEMATICAL ENGINEERING – FIRST YEAR |
| 24 FEBRUARY 2025 - 6 JUNE 2025 | STUDY PLAN FOR INTERNATIONAL STUDENTS (FORMER REALMATHS) |
| SUBJECTS | |
| Functional and Complex Analysis (M. Palombaro, G. Ciampa – MS Teams code: x6tpygv) 9 ECTS | Data Analytics and Data Driven Decision (F. Rossi, A. Manno - MS Teams code: ypvyye) 9 ECTS |
| Computational fluid dynamics (L. Biancofiore - MS Teams code: aye4gc8) 6 ECTS | Italian Language for Foreigners (level A2) (R. Antonetti, MS Teams code: zwkunv3) 3 ECTS |
| Numerical Methods for Linear Algebra and Optimisation (A. Cicone - MS Teams code: hmm338s) 6 ECTS | Parallel Computing (A. Cicone - MS Teams code: h392itl) 3 ECTS |

*The first 18 hours of the courses “Parallel Computing” and “Parallel Computing Laboratory” will be dedicated to the Pre-Master’s Foundation Programme course “Introduction to MATLAB”.

| TIME ① | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|--------------------|-----------------------------------------|-----------------|-----------------------------------------|-----------------|----------------------------------------------------|------------------|-------------------------------------------------------|----------------------|-------------------------------------------------------|----------------------|
| 08:30-09:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | Italian A2 | Ed. Ricamo, A1.8 | | | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.1 |
| 09:30-10:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | Italian A2 | Ed. Ricamo, A1.8 | | | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.1 |
| 10:30-11:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.1 |
| 11:30-12:30 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | |
| 12:30-13:30 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | Functional and Complex Analysis | Ed. Ricamo A1.7 | | |
| 14:30-15:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.5 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 |
| 15:30-16:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.5 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 |
| 16:30-17:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | Computational Fluid Dynamics | C1.9 | | | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
| 17:30-18:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | Computational Fluid Dynamics | C1.9 | <i>Tutoring of Functional and Complex Analysis</i> | C1.10 | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
| 18:30-19:30 | | | | | <i>Tutoring of Functional and Complex Analysis</i> | C1.10 | | | | |

| TIMETABLE: SECOND SEMESTER, A.Y. 2024/2025 | MSC IN MATHEMATICAL ENGINEERING – FIRST YEAR |
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| 24 FEBRUARY 2025 - 6 JUNE 2025 | STUDY PLAN FOR INTERNATIONAL STUDENTS (FORMER INTERMATHS & MATHMODS) |
| SUBJECTS | |
| Kinetic Theory and Stochastic Simulations (M. Colangeli – MS Teams code: qa0p9eg) 6 ECTS | Data Analytics and Data Driven Decision (F. Rossi, A. Manno - MS Teams code: ypvyyye) 9 ECTS |
| Computational fluid dynamics (L. Biancofiore - MS Teams code: aye4gc8) 6 ECTS | Italian Language for Foreigners (level A2) (R. Antonetti, MS Teams code: zwkunv3) 3 ECTS |
| Numerical Methods for Linear Algebra and Optimisation (A. Cicone - MS Teams code: hmm338s) 6 ECTS | Parallel Computing + Lab (A. Cicone - MS Teams code: h392itl) 3+3 ECTS |

*The first 18 hours of the courses “Parallel Computing” and “Parallel Computing Laboratory” will be dedicated to the Pre-Master’s Foundation Programme course “Introduction to MATLAB”.

| TIME ☹ | MONDAY | Classroom | TUESDAY | Classroom | WEDNESDAY | Classroom | THURSDAY | Classroom | FRIDAY | Classroom |
|--------------------|-----------------------------------------|-----------------|-----------------------------------------|-----------------|------------|-----------|-------------------------------------------------------|----------------------|-------------------------------------------------------|----------------------|
| 08:30-09:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | | | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.1 |
| 09:30-10:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | | | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.1 |
| 10:30-11:30 | Computational Fluid Dynamics | C1.9 | Parallel Computing* | Ed. Ricamo A1.7 | | | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.1 |
| 11:30-12:30 | | | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 |
| 12:30-13:30 | | | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | | | Kinetic Theory and Stochastic Simulations | Ed. Alan Turing A0.4 |
| 14:30-15:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | Italian A2 | C1.10 | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.5 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 |
| 15:30-16:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | | | Italian A2 | C1.10 | Numerical Methods for Linear algebra and Optimisation | Ed. Alan Turing A1.5 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 |
| 16:30-17:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | Computational Fluid Dynamics | C1.9 | Italian A2 | C1.10 | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |
| 17:30-18:30 | Data Analytics and Data Driven Decision | Ed. Ricamo A1.7 | Computational Fluid Dynamics | C1.9 | | | Parallel Computing Lab* | Ed. Ricamo A1.7 | Parallel Computing* | Ed. Alan Turing A1.6 |