PhD Course in Engineering Science

Training programme/ Offerta formativa
Ciclo 40/Ciclo XL
Timetable / Orari

Dipartimento di Ingegneria e Geologia

Please, contact the lecturer to get information about the classroom.

Corso Course	Moduli Modules	Data e ora Data and time	Curriculum Curriculum	Numero ore Number of hours	Docente Lecturer	Mail
Academic writing in English for graduate students	40_01 - "Academic writing in English for graduate students"	To be defined	1.2	26	Scuola Superiore	
Research evaluation and research project writing	40_02 - "Bibliometry and research evaluation"	To be defined	1.2		Prof. G. Iezzi	gianluca.iezzi@unich.it
	40_03 - "CV and research project writing"	Oct 7th	1.2	4	Prof. S. Amoroso; Prof. M. L. De	sara.amoroso@unich.it marialaura.debellis@unich.it
Topics in engineering mathematics and coding	40_04 - "Handling Uncertainty in Complex Systems"	May 13th, 14th, 15th (9am-1pm)	1.2	12	Prof.ssa Serena Doria	Serena.doria@unich.it
	40_05 - "Coding for Data Science"	May 16th, 19th, 23rd, 26th from 10am to 1p	1.2	12	Prof. A. Amelio	alessia.amelio@unich.it
Modelling of physical systems for engineering	40_06 - Modelling of physical systems for engineering - "Numerical Heat Transfer for Applications"	June 3rd, 6th, 9th, 13th, 16th, 20th from 9.30 am to 1.30 pm	1.2	24	Dr. Matteo Falcone	Matteo.falone@unich.it
	40_07 - "Computational mechanics for hard biological tissues: towards a patient-specific modeling"	Sept 30th, Oct 7th, 14th, 21th (morning)	1.2	8	Prof. Cristina Falcinelli	cristina.falcinelli@unich.it
Data analysis for engineering	40_08 - "Big Data Analysis for Engineering and Bioengineering"	June 3rd, 4th, 5th, 6th from 10am to 12pm	1.2	8	Prof. A. Merla	arcangelo.merla@unich.it
	40_09 - "Advanced Signal Processing for Engineering and Bioengineering"	June 26th and 27th (from 9am to 1pm)	1.2	8	Prof. D . Cardone	d.cardone@unich.it
Non-linear analyses of structures	40_10 - "Introduction to non linear analysis of structures"	To be defined	1		Prof. E. Spacone	enrico.spacone@unich.it
	40_11 - "Non linear analysis of reinforced concrete structures"	To be defined	1		Prof. E. Spacone	enrico.spacone@unich.it
	40_12 - "Non linear analysis of steel structures"	To be defined	1		Prof. G. Brando	enrico.spacone@unich.it
	40_13 - "Non Linear Analysis of Masonry Structures"	July	1	8	Prof. G. Camata	guido.camata@unich.it
Vibration-based analyses of buildings	40_14 - "Vibration-based characterization of built heritage"	Oct 16th, 17th, 23rd, 24th	1	16	Prof. M.G. Masciotta	g.masciotta@unich.it
	40_15 - "Seismic protection of structures through passive and semi-active dissipative systems"	Sept 22nd, 23rd, 24th	1	8	Prof. F. Potenza	domenico.potenza@unich.it
Seismic hazard	40_16 - "Multidisciplinary studies for local seismic hazard assessment "	Apr 7th, 9th, 10th, 11th	1	20	Proff. A. Pizzi, A. Pagliaroli, S. Amoroso, G. Vessia	Alberto.pizzi@unich.it
	40_17 - "Fault-Based Seismic Hazard Calculations"	May 26th, 27th and June 3rd, 4th	1	16	Prof. B. Pace	bruno.pace@unich.it
Sustainable building materials	40_18 - "Recycling and sustainability for building materials"	Oct 2nd and 13th	1	8	Prof. I. Capasso	
	40_19 - "Materiali e rifiuti da costruzione"	To be defined	1		Prof. G. Iezzi	gianluca.iezzi@unich.it
Imaging techniques for engineering	40_20 - "Analysis of materials by XRPD, XRF, EPMA and microscopy with image analysis"	To be defined	1.2		Prof. G. Iezzi	gianluca.iezzi@unich.it
	40_21 - "Infrared Imaging for Engineering and Bioengineering"	July 1st and 2nd from 9am to 1pm	1.2	8	Prof. D . Cardone	d.cardone@unich.it
	40_22 - "MRI for Engineering and Bioengineering"	July 7th and 14th from 10am to 1pm	1	6	Prof. A. Ferretti	antonio.ferretti@unich.it
40_23 - "Functional MRI methods for Biomedical imaging"		July 21st and 25th from 10am to 1pm	2	6	Prof. A. Ferretti	antonio.ferretti@unich.it
40_25 - "Additive manufacturing technologies in building construction"		Nov 5th, 6th, 7th	1	8	Prof. V. Sangiorgio	valentino.sangiorgio@unich.it
40_26 - "Introduction to Wind Engineering"		To be defined			Prof. V. Sepe	vincenzo.sepe@unich.it
40_27 - "Non-destructive in situ strength assessment of concrete: an overview on 249-ISC RILEM TC recommendations proposal"		June 17th afternoon, 18th all day, 19th mor	1	12	Prof. S. Biondi; Dr.ssa V.A.M. Luprano, ENEA-CR Brindisi	Samuele.biondi@unich.it
40_28 - "Digital transition in water distribution system management"		Sept 15th, 16th, 17th	1	8	Prof. L. Berardi	luigi.berardi@unich.it
40_30 - Displacement monitoring of civil engineering structures and buildings by topographic method"		Sept 1st and 2nd		8	Prof. Pepe	massimiliano.pepe@unich.it
40_31 - "Analysis of Brain Connectivity from EEG and MEG Data"		Feb 18th, 19th, 20th from 3pm to 5pm		6	Prof. L. Marzetti	l.marzetti@unich.it