

**Second cycle degree in
WATER AND GEOLOGICAL RISK ENGINEERING (IN2587, ordinamento 2021)
DM270 Class LM-35
COORTE 2021**

Attendance to didactic activities is not compulsory but recommended.
There are no constraints for taking the second year exams or preparatory courses. Any prerequisites are indicated in the syllabus of each individual exam.

Year	Semester	Code	Courses	ECTS	Hours	Disciplinary scientific sector	Compulsory activity	Language	Evaluation
FIRST YEAR COURSES									
I	1 or 2	INP9087943	ENGLISH LANGUAGE B2 (PRODUCTIVE SKILLS)	3	75	--	OA	EN	FINAL JUDGMENT
I	1 or 2	INQ0093091	ITALIAN LANGUAGE	3	75	--	OA	EN	FINAL JUDGMENT
I	1	INQ1095739	FLUVIAL-COASTAL DYNAMICS AND HAZARD	6	LEC: 48	GEO/04 (ECTS 3.0), ICAR/02 (ECTS 3.0)	YES	EN	FINAL GRADE
I	1	INQ1095719	GEOLOGICAL AND GEOTECHNICAL ENGINEERING	9	LEC: 72	GEO/05 (ECTS 4.0), ICAR/07 (ECTS 5.0)	YES	EN	FINAL GRADE
I	1	INQ1095723	HYDROLOGY AND CLIMATE: MODELLING AND CHANGE	9	LEC: 72	AGR/08 (ECTS4.0), ICAR/02 (ECTS 5.0)	YES	EN	FINAL GRADE
I	1	INQ1095720	RIVER HYDRAULICS FROM THE HILLSLOPES TO THE ESTUARY	6	LEZ: 48	ICAR/01	YES	EN	FINAL GRADE
I	2	INQ1095724	REMOTE SENSING FOR WATER RESOURCES	9	LEC: 72	ICAR/02	YES	EN	FINAL GRADE
I	2	INQ1095740	RIVER BASIN MODELLING: FORECASTING AND PREDICTION	9	LEC: 72	AGR/08 (ECTS 5.0), ICAR/02 (ECTS 4.0)	YES	EN	FINAL GRADE
I	2	INQ1095726	ENGINEERING GEOMORPHOLOGY	6	LEC: 48	GEO/04	YES	EN	FINAL GRADE
SECOND YEAR COURSES									
II	1	INQ1095732	DRAINAGE AND IRRIGATION UNDER A CHANGING CLIMATE	9	LEC: 72	ICAR/02	YES	EN	FINAL GRADE
II	1	INQ1095729	WATER AND GEOLOGICAL RISK MITIGATION	9	LEC: 72	GEO/05 (ECTS 5.0), ICAR/02 (ECTS 4.0)	YES	EN	FINAL GRADE
II	1	INQ1095731	VULNERABILITY ANALYSIS AND RISK MANAGEMENT FOR WATER-RELATED HAZARDS	6	LEC: 48	AGR/01 (ECTS 3.0), ICAR/22 (ECTS 3.0)	YES	EN	FINAL GRADE
II	1	INQ1095733	WATER SCARCITY, AGROECOSYSTEMS AND POLLUTANTS	6	LEC: 48	AGR/02	YES	EN	FINAL GRADE
COURSES OFFERED FOR THE STUDENT'S CHOICE (12 cfu)									
I/II	1	INQ1095741	COASTAL ENVIRONMENTS UNDER CLIMATE CHANGE	6	LEC: 40 DASG: 8	ICAR/02	NO	EN	FINAL GRADE
I/II	1	INP5070464	ENVIRONMENTAL FLUID MECHANICS	6	LEC: 48	ICAR/01	NO	EN	FINAL GRADE
I/II	1	INP5070428	GROUNDWATER HYDROLOGY	6	LEC: 48	ICAR/02	NO	EN	FINAL GRADE
I/II	1	INP9087766	UNDERGROUND FLUIDS, ENERGY AND ENVIRONMENT	6	LEC: 48	ICAR/02	NO	EN	FINAL GRADE
I/II	2	INP5070429	COASTAL FLOODING HAZARD	6	LEC: 48	ICAR/02	NO	EN	FINAL GRADE
I/II	2	INP9087499	COASTAL MANAGEMENT AND PROTECTION	6	LEC: 48	ICAR/02	NO	EN	FINAL GRADE
SECOND YEAR ACTIVITY									
II		IN37106948	MASTER THESIS	21	450	PROFIN_S	YES	EN	FINAL JUDGMENT

Column Hours

LEC = lecture

DASG = didactic activities in small groups

Column Compulsory activity

YES = compulsory for everyone

OA = compulsory alternatively: italian mother tongue students must take ENGLISH LANGUAGE B2, other students must take ITALIAN LANGUAGE

NO = course of your choice