

1st level Master program in Natural resources Development and Storage – MiNDS

(in English)



in cooperation with Polytechnic of Turin

Target	<ul style="list-style-type: none"> BSc. in Engineering, Geosciences, Physics, Chemistry, Mathematics 	Age/ Language	<ul style="list-style-type: none"> Up to 33 years old Knowledge of written/oral English
Duration	<ul style="list-style-type: none"> 9 months 	Activities	<ul style="list-style-type: none"> 18 weeks of classroom lectures (academic / corporate teaching) 250 hours project work
When	<ul style="list-style-type: none"> Starting in December 2026 Ending in July/August 2027 	Where	<ul style="list-style-type: none"> in presence at Polytechnic of Turin – Campus Lingotto
Benefit	<ul style="list-style-type: none"> Scholarship Medical insurance 	Application Deadline	<ul style="list-style-type: none"> 15th of May 2026

<i>Teaching</i>
1 Fundamentals for Natural Resources Engineering
2 Natural Resources Geology & Geophysics*
3 Fluid & Porous Media Characterization & Dynamics*
4 Geomechanics* 3 ECTS
5 Well Innovative Technologies and Digital Solutions for Energy Transition*
6 Well Design and Technologies for Subsurface Resources Unlocking*
7 Multipurpose Lifecycle Well Architecture*
8 Reservoir Engineering and Storage*
9 Logistics*
10 Production Facilities and Digital & AI Applications*
11 Risk Management, Process Safety and HSE*
12 Asset Integrity Management*
13 Maintenance and Digital & AI Applications*
Project Work
* Teaching course shared with 2nd level specializing Master's Programme MiNDS

MINDS- details



Documents required by Politecnico di Torino to apply:

1. Valid identification document (ID/ passport);
2. CV
3. Official transcript(s) of records, issued by the University of origin, produced on letter-headed paper, containing the full list of all the exams passed, the grades obtained the graduation final grade, final thesis topic and the date of degree conferral

Optional Documents

1. English Language Certificate
2. Motivation Letter
3. Official certificates related to other academic careers (i.e. Master's degree, PhD, Master Universitari ecc.)
4. Certificates related to professional courses