

FIRST YEAR

Fall semester (Q1)	
Biology & ecology	6
Mathematic fundamentals	6
Mechanics	6
Earth system	6
Chemistry I	6

Spring semester (Q2)	
Environmental economy & sustainability	6
Chemistry II	6
Thermodynamics & environmental kinetics	6
Mathematics I	6
Geology & edaphology	6

SECOND YEAR

Fall semester (Q1)	
Mathematics II	6
Environmental microbiology & biotechnology	6
Geographic informations systems	6
Fluid mechanics	6
Ecotoxicology principles & environmental analysis	6

Spring semester (Q2)	
Statistics	6
Hydraulics	6
Atmospheric processes & hydrology	6
Environmental hydrogeology & geochemistry	6
Geomechanics	6

THIRD YEAR

Fall semester (Q1)	
Instrumentation, remote sensing & Big Data	6
Numerical modelling	6
Structures	6
Water treatment	6
Decontamination of soils & aquiphera	6

Spring semester (Q2)	
Sustainable transportation	6
Evaluation of environmental impact	6
Waste water & reuse	6
Solid waste	6
Construction procedures & materials	6

FOURTH YEAR

Fall semester (Q1)	
Major courses	18
Common optional course	6
Atmospheric & acoustic pollution	6

Spring semester (Q2)	
Common optional course	6
Decision making systems	6
Environmental management & legislation	6
Bachelor's thesis	12

OPTIONAL

Common optional courses	
Environmental impact of great infrastructures	
Renewable energies	
Sustainability & environmental ethics	
Technologies for sustainable aquaculture production	

Major in Urban & industrial environment	
Supply & draining networks	
Sustainable mobility & Smart City	
Sustainable construction	

Major in Natural environment & global change	
Management of river & coast areas	
Climate change & natural hazards	
Transition from energy model	

Basic sciences
Sciences applied to engineering

Engineering tools
Basic technologies

Civil & environmental engineering
Majors

Optional courses