

Allegato 2 all'Avviso 375/2014

Master Petroleum Engineering and Operations A.A. 2014/2015 RESERVOIR GEOLOGY

Programme

The reservoir system: overview

Fundamentals of geology: overview of reservoir systems

Sedimentary rocks: genesis, classification and depositional environments

Elements of structural geology.

Sedimentology

Sequence stratigraphy

Basin analysis

Elements of reservoir geology: hydrocarbon formation, migration, trapping, petrophysical properties, internal features.

Geological aspects in reservoir characterization

Fractured reservoirs

Geological mapping

Introduction to static modelling: workflow, methods and tools

Integration of well and seismic data in 3D static modeling