

Allegato 1 all'Avviso 854/2015

Master Petroleum Engineering and Operations A.A. 2015/2016

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