

Allegato 1 all'Avviso 1709/2017

Master Petroleum Engineering and Operations A.A. 2017/2018

RESERVOIR GEOLOGY

Programme

Fundamentals of geology

Sedimentary rocks: genesis, classification and depositional environments

Elements of stratigraphy and structural geology

Basin analysis

Sequence stratigraphy

Sedimentology and applied sedimentology

Geological mapping

Overview of the reservoir system

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

Introduction to reservoir geological modelling: workflow, methods and tools

Operation geology

Geological aspects in reservoir characterization

Fractured reservoirs