

**LM Petroleum Geology**  
**Teaching path cf. 2019-21**  
**Teaching regulation**

**I<sup>st</sup> year (2019-2020)**

<b>Type of activity</b>	<b>Course</b>	<b>CFU</b>
<b>I° semester</b> (September –December)		
Fundamental	<b>Sedimentology</b>	<b>9</b>
Fundamental	<b>Applied Geophysics</b>	<b>9</b>
Fundamental	<b>Global Tectonics</b>	<b>6</b>

**II° semester** (February – May)

Fundamental	<b>Seismic Interpretation</b>	<b>6</b>
Fundamental	<b>Applied Geochemistry</b>	<b>6</b>
Fundamental	<b>Structural Geology</b>	<b>9</b>
Fundamental	<b>Integrated Stratigraphy</b>	<b>6</b>

Student option	<b>1 optional course, chosen by the student during the first or second semester</b>	<b>6</b>
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**Other formative activities**

Supplementary educational activity	<b>Seminars given by Eni staff</b>	<b>3</b>
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**II<sup>nd</sup> year(2020-2021)**

<b>Type of activity</b>	<b>Course</b>	<b>CFU</b>
<b>I° semester</b> (September –December)		
Fundamental	<b>Petroleum Geology – mod. 1</b> <i>(Exploration and Petroleum System Modeling)</i>	<b>6</b>
	<b>Petroleum Geology – mod. 2</b> <i>(Petrophysics and Reservoir Geology)</i>	<b>6</b>
Fundamental	<b>G.I.S. Geographical Information Systems</b>	<b>6</b>
Fundamental, to choose between the two	<b>Micropaleontology</b>	<b>6</b>
	<b>Hydrogeology</b>	<b>6</b>
Student option	<b>1 optional course, chosen by the student during the first or second semester</b>	<b>6</b>

Supplementary educational activity	<b>Geological Field Activity</b>	<b>3</b>
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**II° semester** (February –May)

Final assessment	<b>Final Exam (Thesis)</b>	<b>27</b>
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**Optional courses given in English, offered by the Department of Physics and Geology**

<b><i>optional courses held in English</i></b>	<b><i>Semester</i></b>	<b><i>CFU</i></b>
<b>Sedimentary Petrography</b>	<b>available in the first semester</b>	<b>6</b>
<b>Reservoir Geology</b>	<b>available in the first semester of the II° year</b>	<b>6</b>

**Optional courses given in Italian, offered by the Department of Physics and Geology**

<b><i>GEO/01</i></b>	<b><i>Paleontologia dei Vertebrati</i></b>	<b><i>6</i></b>
<b><i>GEO/03</i></b>	<b><i>Geologia dei terremoti</i></b>	<b><i>6</i></b>
<b><i>GEO/04</i></b>	<b><i>Telerilevamento</i></b>	<b><i>6</i></b>
<b><i>GEO/05</i></b>	<b><i>Rilevamento Geologico-tecnico e Monitoraggio</i></b>	<b><i>6</i></b>
<b><i>GEO/06</i></b>	<b><i>Georisorse Minerarie</i></b>	<b><i>6</i></b>
<b><i>CHIM/12</i></b>	<b><i>Chimica ambientale</i></b>	<b><i>6</i></b>
<b><i>MAT/05</i></b>	<b><i>Geomatica</i></b>	<b><i>6</i></b>