

## **Syllabus of M.Sc in Applied Geology**

*Duration two years: Total Credits 100*

### **First Semester**

<b>Geochemistry of Igneous, Metamorphic and sedimentary rocks</b>	<b>TIU-PGEOL-T101</b>	<b>4</b>
<b>Petrogenesis and Tectonics</b>	<b>TIU-PGEOL-T103</b>	<b>4</b>
<b>Sedimentology and basin analysis</b>	<b>TIU-PGEOL-T105</b>	<b>4</b>
<b>Advance Paleontology</b>	<b>TIU-PGEOL-T107</b>	<b>3</b>
<b>Metamorphism and Metamorphic belts</b>	<b>TIU-PGEOL-T109</b>	<b>4</b>
<b>Igneous and metamorphic Practical (Compulsory with Petrogenesis and Tectonics)</b>	<b>TIU-PGEOL-L103</b>	<b>2</b>
<b>Sedimentology Practical (Compulsory with Sedimentology and basin analysis)</b>	<b>TIU-PGEOL-L105</b>	<b>2</b>
<b>Advance Paleontology Practical (Compulsory with Advanced Palaentology)</b>	<b>TIU-PGEOL-L107</b>	<b>2</b>
	<b>Total</b>	<b>25</b>