



<b>Course Code</b> OGAS-211	<b>Course Title</b> Intro to Physical Geology	<b>ECTS Credits</b> 6
<b>Department</b> Management & MIS	<b>Semester</b> Fall / Spring	<b>Prerequisites</b> None
<b>Type of Course</b> Major Requirement	<b>Field</b> Energy, Oil and Gas Management	<b>Language of Instruction</b> English
<b>Level of Course</b> Undergraduate	<b>Year of Study</b> 2 <sup>nd</sup>	<b>Lecturer(s)</b> Toumazis Toumazi
<b>Mode of Delivery</b> face-to-face	<b>Work Placement</b> N/A	<b>Co-requisites</b> None

**Objectives of the Course:**

To develop a basic systematic understanding of some of the fundamental geological, geomorphological and hydrological processes that operate at the earth's surface and near sub-surface.

**Learning Outcomes:**

On completion of this module, students are expected to:

1. Have a basic understanding of a range of key geological, geomorphological and hydrological processes and forms in terrestrial environments.
2. Gain an appreciation of the critical role that physical processes play within the wider context of environmental management.

**Course Content:**

Students will receive an introduction to elements of physical geography focusing on geology, geomorphology and hydrology. Topics that will be covered include: tectonics, rocks and weathering, soils, infiltration, groundwater, hydrology, geographical processes and landforms (hillslope, fluvial, coastal).

**Teaching Methods:**

Lectures, In-class exercises, In-class discussions and homework

**Assessment Methods:**

Assignments, mid-term exam, final exam

**Required Textbooks:**

<b>Authors</b>	<b>Title</b>	<b>Publisher</b>	<b>Year</b>	<b>ISBN</b>
Holden, J.	<i>An introduction to Physical Geography and the Environment</i>	Pearson	2008	
Smithson, P., Addison K& Atkinson K.	<i>Fundamentals of Physical Environment</i>	Routledge	2008	