



**— University of Mosul —**  
**College of Petroleum & Mining Engineering**



# **Structural geology**

## **Lecture third**

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### LECTURE CONTENTS

Description of folds

Attitude of beds

Parts of folds

Nomenclature of folds

Plunges of folds

Folds systems

A fold is a geologic structure that is formed by layers or beds of rock being bent or folded. The plane that marks the center of the fold is called the **axial plane**. The line which marks where the axial plane intersects the surface of Earth is called the **hinge line**. The areas on either side of the curved hinge zone stick out like arms or legs, and are appropriately called **limbs**.