

**Course: Advanced stratigraphy (321G) علم الطبقات المتقدم (321G)**  
**Grade: 3<sup>rd</sup> level-Geology**

### **Topics of Research Subjects**

- 1) Stratal patterns in Type-1 sequence
- 2) Stratal patterns in Type-2 sequence
- 3) Diagnosis of sequence boundaries
- 4) Parasequences
- 5) Relative changes in sea-level: Reasons and examples
- 6) Sequence stratigraphic surfaces
- 7) Systems tracts
- 8) Internal reflection configuration
- 9) Unconformities (seismic stratigraphic terminations)
- 10) Applications of sequence stratigraphy in hydrocarbon exploration

رئيس مجلس القسم

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القائم بالتدريس

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