

# Surface & Interface Science

CH5665/MSE5665

(3 credits) WF 1-2pm, M 1-4pm (lab)

For more information  
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## Course Description – covers

an advanced study of :

- surface processes
- properties of crystalline surfaces
- surface analysis methods
- applications towards materials science, heterogeneous catalysis, environmental science, semiconductor and energy industries

## Objectives

- Understand the physical and chemical processes on a surface
- Distinguish differences between surface science techniques and their respective capabilities
- Analyze example data from surface science techniques
- Recognize, review and interpret surface science literature
- Design an experiment (or project) and choose a surface science technique that would solve a proposed hypothesis

