

# Elements in conducting research on nanoscience

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**Date: 7/31(Tue) - 8/2(Thu) 2018, 2 - 4 Period**  
**Venue: Room 231, 3F, Faculty of Engineering Bldg. 2**

## Syllabus:

This short course is designed for graduate and senior undergraduate students majored in science and engineering, who are studying or interested in nanoscience. Besides the brief instruction on nanoscience and ethics of doing research, the course will discuss how to plan, perform, and present research in the field of nanoscience based on analysis of practical cases. Students will be actively involved in the discussion. Assignments will be given both in and after classes.

1. Introduction (2 hours)  
Nanoscience: concept, origination and importance;  
Rule and ethic in scientific research.
2. Case study on how to conduct research in nanoscience and students' practice (9 hours)  
Select a research topic  
Plan your research  
Perform experiments  
Analyze results
3. Present your research ( 4 hours)  
3.1 Present in meetings  
3.2 Publish  
Why publishing is important  
How to compose a paper  
Submission, review and revision

