



香港城市大學  
City University of Hong Kong

## Learning Through Projects: Advanced Characterization Technique Training Using the World's Thinnest Material

**Project Number:** 6000669

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**Abstract:**

In the new BCH3082 subject, the modern advanced characterization techniques in all physical-chemistry fields will be introduced and applied on the world's thinnest material, to achieve a "push-to-the-limit" application of these characterization techniques. These modern characterization techniques are widely applied in all fields of science and technology industry. Additionally, individual full-process projects will be arranged for the students to enhance the knowledge and practical experiences gained on these state-of-art characterization tools, enhance the ability in critical thinking, and prepare them for the future post-graduate study or career