**Hong Kong Baptist University**

**Faculty of Science**

**Department of Chemistry**

**Programme Intended Learning Outcomes (PILOs) for RPg Programmes (MPhil and PhD) in Chemistry**

Upon successful completion of this Programme, students should be able to:

**Knowledge**

1. Acquire and construct advanced knowledge in the major areas of chemistry and their areas of specialization as well as apply relevant skills for pursing independent research on their chosen topics

**Skill**

1. Design and conduct original and innovative chemistry research that contributes to knowledge in their fields of specialization
2. Interpret and present the results of chemistry research in a scientific manner, and communicate and exchange scientific knowledge with the broader scientific community.

**Attitudes**

1. Lead the efforts in chemistry research and operate as a team working together for the good of society.
2. Assess the impact and the diverse applications of their fields of specialization, while upholding and advancing the integrity of the chemistry profession through professional ethics and social responsibility