

## COURSE DETAIL

### PHYSICAL CHEMISTRY

**Country**

Korea, South

**Host Institution**

Korea University

**Program(s)**

Korea University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Chemistry

**UCEAP Course Number**

115

**UCEAP Course Suffix****UCEAP Official Title**

PHYSICAL CHEMISTRY

**UCEAP Transcript Title**

PHYSICAL CHEMISTRY

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

The objectives of this course are to:

- Understand perfect gas law, kinetic theory and the first law of thermodynamics.
- Understand the 2nd and 3rd law of thermodynamics and phase transition.
- Understand simple mixtures and chemical reactions based on thermodynamics.

### Language(s) of Instruction

English

### Host Institution Course Number

KMSE201

### Host Institution Course Title

PHYSICAL CHEMISTRY I

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Materials Science and Engineering

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