# COURSE DETAIL

| ORGANIC CHEMISTRY |
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| **Country**<br>Korea, South |
| **Host Institution**<br>Korea University |
| **Program(s)**<br>Korea University |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Chemistry |
| **UCEAP Course Number**<br>116 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>ORGANIC CHEMISTRY |
| **UCEAP Transcript Title**<br>ORGANIC CHEMISTRY |
| **UCEAP Quarter Units**<br>4.50 |
| **UCEAP Semester Units**<br>3.00 |

**Course Description**

For biomedical engineers, the basic concept of organic chemistry including bonding/isomerism, alkane/cycloalkane, and various chemical reactions will be discussed in this class

The course covers the following topics:

- Organic Chemistry and Cover Story
- Bonding and Isomerism
- Alkane and Cycloalkane
- Alkenes and Alkynes
- Aromatic Compounds
- Stereoisomerism
- Organic Halogen Compounds
- Alcohols, Phenols, and Thiols
- Ethers and Epoxides
- Aldehydes and Ketones I
- Carboxylic Acid and Their Derivatives

**Language(s) of Instruction**

English

**Host Institution Course Number**
BMED219

**Host Institution Course Title**
ORGANIC CHEMISTRY I

**Host Institution Course Details**
https://infodepot.korea.ac.kr/lecture1/lecsubjectPlanViewNew.jsp?year=2024&term…

**Host Institution Campus**

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**
Biomedical Engineering

**Course Last Reviewed**
2023-2024

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