

## 97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	普通化學	Serial No. / ID	0755 / MS11002
Dept.	材料科學與工程學系	School System / Class	大學日間部1年1班
Lecturer	姚品全	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	NO
Time / Place	(二)2 / H466 (五)12 / H466	Language	Chinese

### Introduction

This course provides an introduction to the chemistry of biological, inorganic, and organic molecules. The emphasis is on basic principles of atomic and molecular electronic structure, thermodynamics, acid-base and redox equilibria, chemical kinetics, and catalysis.

### Outline

1. biological chemistry
2. inorganic chemistry
3. organic molecules.
4. basic principles of atomic
5. molecular electronic structure
6. thermodynamics
7. acid-base
8. redox equilibria
9. chemical kinetics
10. catalysis.

### Prerequisite

1. high school grade chemistry & physics.
2. essential English reading ability.