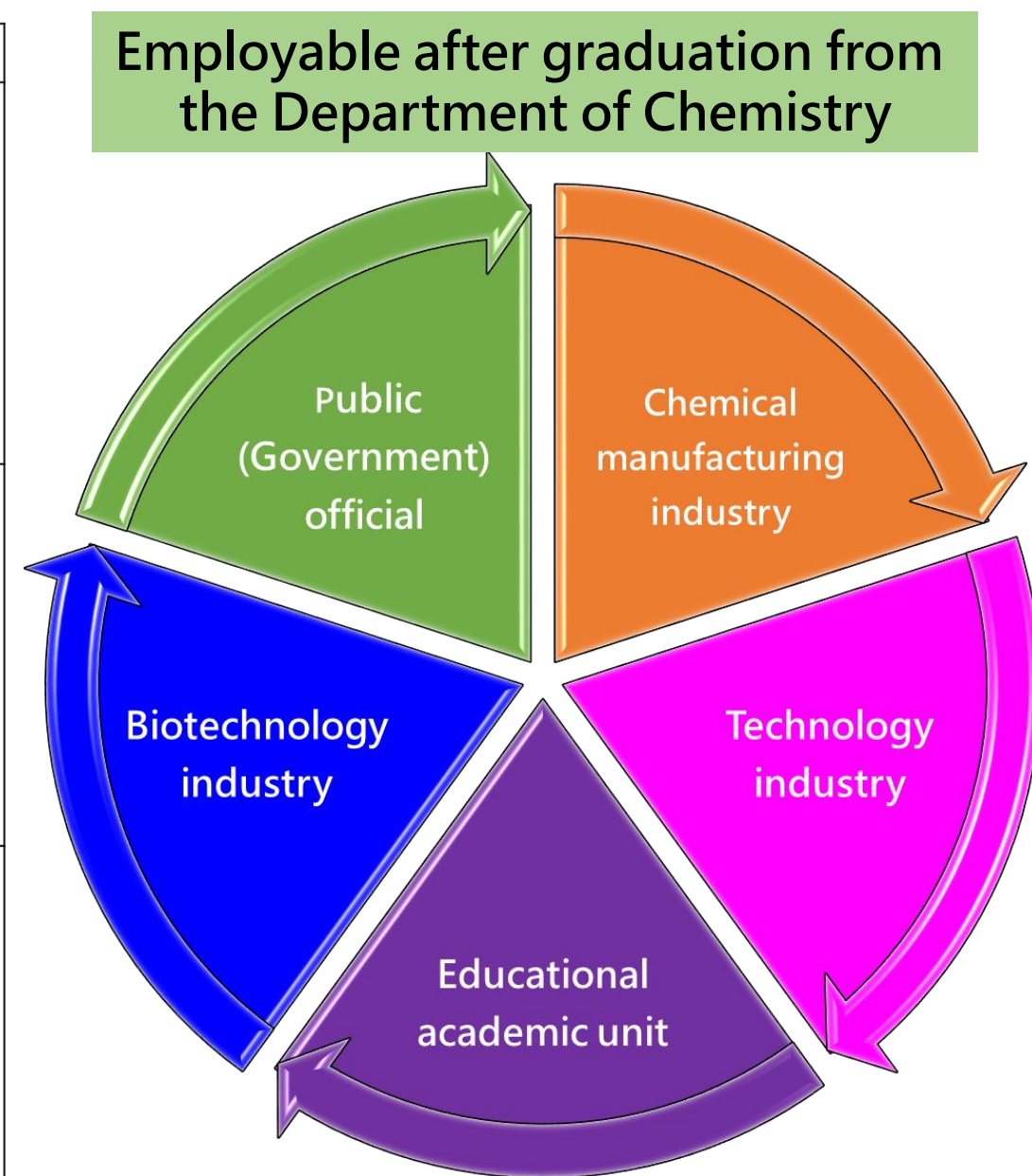


Features of the Department of Chemistry

Features	Short description
Diversified courses (Integrating theory and application courses)	<ul style="list-style-type: none"> ➤ Basic theoretical knowledge. ➤ Experimental operation skills. ➤ Practical application technology. ➤ Six research and course areas (Organic, Analytical, Physical chemistry, Inorganic, Biochemical, and Nanomaterials.)
Complete laboratory facilities (Link industry trends and needs)	<ul style="list-style-type: none"> ➤ Modern and complete laboratory facilities and equipment, such as UV-visible spectrometer, XRD, SEM, NMR, AA spectrometer, HPLC, GC, FTIR, fluorescence spectrometer, DLS, etc. ➤ Solid professional abilities.
Research exchange and cooperation (Cultivation of innovative talents)	<ul style="list-style-type: none"> ➤ The department actively promotes and establishes exchanges and academic cooperation with domestic and international well-known universities and research institutions to provide students with opportunities to expand their abilities and horizons.



Course design

□ Research and course fields

Educational system	Fields
Undergraduate	Organic, Inorganic, Analytical, Physical chemistry, and Biochemical chemistry.
Institute	Organic, Inorganic, Analytical, Physical chemistry, Biochemical, and Material Chemistry.

□ Research and course fields

Grade (main courses)	What you can do
1 (Basic courses)	<ul style="list-style-type: none"> • Develop basic abilities and interests • Adaptable development
2 (Basic professional courses)	<ul style="list-style-type: none"> • International exchange students
3 (Professional courses)	<ul style="list-style-type: none"> • International exchange students • Independent study • Application of graduate early (2nd semester)
4 (Professional courses)	<ul style="list-style-type: none"> • Application of graduate early • International exchange students • Independent study • Industrial internship • Admission or examination of institute

□ Special highlights

- Solid professional ability
- Experimental teaching in small classes (Everyone does their own experiments)
- Advanced instrument operation ability

□ Industry integration course

- Invited industry expert's to special speeches
- Company visit
- Students are required to do special research
- Corporate internship course



★ Advantage : 4 + 1 years to get bachelor and master degree

Employer scholarship & Scholarship & Fellowship & Work-study scholarship

Work-study scholarship (TA) :

- (1) General courses : 11000 TWD/person
- (2) Experimental courses : 6000 TWD/person
- (3) EMI courses : 11000 TWD/person

Fellowships :

(Blue marks are exclusive to the Department of Chemistry)

(1) Prof. Yang-Ming Kuo Memorial Scholarship

- ◆ 6000 TWD/person/semester
- ◆ Direct promotion to graduate school, 5000 TWD/person
- ◆ Publish journal paper, 10000 TWD/paper/person

(2) Mr. Dao-Da Chen Scholarship, 2000~3000 TWD/person

(3) Dr. Yu-Ching Lee Scholarship

- ◆ Excellent performance in English, 20000 TWD/person
- ◆ National Graduate Scholarship, 30000 TWD/person

(4) Grants of Underprivileged Student

(5) Bursary Award for Students

(6) Hwa-Kang Scholarship

Employer scholarship :

Yieh United Steel Corp.

Object :

Domestic or foreign second- and third-year university students

Detail information :

<https://intern2.pccu.edu.tw/p/406-1284-119309,r1901.php?Lang=zh-tw>

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