

Department of Chemistry

Contact Information

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Introduction

Our department was founded in 1962, and offers unsurpassed opportunities for world-class research across a broad range of research fields in chemistry. With twenty-five faculty members, we have a reputation for excellence in both teaching and research. We also cooperate closely with Academia Sinica and other research institutes, reflecting the strong interdisciplinary aspect of our department. As an indication of recent growth and research success within the department, we are now listed as one of the top 10 departments of chemistry in the nation.



Instructional Objectives

Our department offers training opportunities in the traditional areas of chemistry. The bachelor's degree program is designed to train chemistry professionals and secondary school natural

science and chemistry teachers. The master's and doctoral programs are designed to train chemistry professionals and university and secondary school chemistry teachers.



Degree Requirements

Courses include organic chemistry, inorganic chemistry, physical chemistry, analytical chemistry, computational chemistry, chemical education, biochemistry, and areas of interdisciplinary research

Graduation requirements for Bachelor's degree:

128 credits (including 28 credits in common compulsory subjects, 57 credits in compulsory courses in chemistry, 18 credits in elective courses in chemistry, and 25 credits in free elective courses)

Graduation requirements for Master's degree:

24 credits (selected courses in the field of specialization)

Graduation requirements for Ph.D. degree:

18 credits (selected courses in the field of specialization)

All courses designed for the Ph.D. program for foreign students can be provided in English.

Feature of the Curriculum

In addition to general basic courses, open and more practical courses, such as nanomaterial chemistry, sustainable chemistry, and nanotechnology and its applications are provided to help cultivate students' understanding of science.

Career Prospects

Chemistry teachers in secondary school, biotechnology, new drug development, process development, food hygiene, food inspection and the chemical industry.