

National Taiwan Normal University Department of Chemistry Undergraduate Double Major Study Regulations

Article 1 These guidelines are established in accordance with the provisions of "National Taiwan Normal University Bachelor's Degree Program Students Enrolling in Double Majors and Minors."

Article 2 Application Process: Students of various departments may apply for double major status in the Department of Chemistry during their first to fourth years (excluding extended study periods) following the university's academic calendar schedule and based on the relevant regulations announced by the Office of Academic Affairs and the Department of Chemistry.

Article 3 Eligibility: Undergraduate students of the university who have completed at least 10 credits of courses in the Department of Chemistry are eligible to apply for the double major program. However, due to laboratory space and safety considerations, the annual admission quota is limited to approximately 10 students.

Article 4 Required Application Documents: Transcripts of past academic records, a personal statement, and a study plan.

Article 5 Selection Method: Review of application documents.

Article 6 The review process is conducted by a committee established by the Department of Chemistry.

Article 7 Students pursuing a double major must attend classes during the semester.

Article 8 Course Requirements:

To fulfill the requirements for a double major in Chemistry, students must complete the following courses, and the Department of Chemistry does not accept certifications for completed courses.

(1) Chemistry Major Required Courses (29 credits):

Organic Chemistry (I), Organic Chemistry (II), Analytical Chemistry (I), Analytical Chemistry (II), Physical Chemistry-Thermodynamics, Physical Chemistry-Quantum Chemistry, Physical Chemistry -Kinetics, Inorganic Chemistry (I), Inorganic Chemistry (II).

(2) Chemistry Laboratory Courses (6 credits):

Organic Chemistry Laboratory (I), Organic Chemistry Laboratory (II), Analytical Chemistry Laboratory (I), Analytical Chemistry Laboratory (II), Physical Chemistry Laboratory (I), Physical Chemistry Laboratory (II).

(3) Chemistry Major Elective Courses (12 credits). Refer to "Curriculum Planning for

Undergraduate Students of the Department of Chemistry, National Taiwan Normal University" for Chemistry major elective courses.

- (4) Interdisciplinary Professional Exploration Course (3 credits): General Chemistry A (I) or General Chemistry A (II), choose one of the two subjects. When non-departmental students take the above interdisciplinary professional exploration courses, they may be counted as general education credits according to the relevant regulations of the university.

Article 9 Any matters not specified in these guidelines shall be handled in accordance with the provisions of "National Taiwan Normal University Bachelor's Degree Program Students Enrolling in Double Majors and Minors."

Article 10 These guidelines, after being approved by the Departmental Meeting and endorsed by the Office of Academic Affairs, are announced for implementation. The same process applies when amendments are made.