

	Master program
Years of Study	2~4 years
Minimum Credits of Courses	24 credits (credits for the M.S. thesis not included)
Thesis (M.S.)	0 credits
Required Courses	<p>1. Literature on Chemistry I-IV (M.S.) : 1 credit each for four semesters</p> <p>2. Research Training : 1 credit each for a minimum of four semesters</p> <p>3. The Future of Professions in Chemistry is required.</p> <p>4. Two advanced courses (having the course number of 233 Mxxxx) selected from the followings :</p> <p>(1) Advanced Organic Chemistry I or II (required for students majoring in Organic Chemistry)</p> <p>(2) Advanced Inorganic Chemistry I or II (required for students majoring in Inorganic Chemistry)</p> <p>(3) Advanced Analytical Chemistry I or II (required for students majoring in Analytical Chemistry)</p> <p>(4) Advanced Physical Chemistry I or II or III, (required for students majoring in Physical Chemistry)</p> <p>(5) Advanced Technical Writing for Chemical Sciences</p> <p>4. Teaching Practice in Chemistry I and II (M.S.)(2 semesters, 1 credit each)</p>
Selective Courses	<p>2 to 3 courses with course numbers of 223Uxxxx offered by the Graduate Institute of Chemistry</p> <p>The total number of credits received from taking three required (223 Mxxxx) courses in the advanced chemistry and the selective (223 Uxxxx) courses should be at least 13(excluding the credits received from taking the courses like Literature on Chemistry I-IV (M.S.), Research Training, and Thesis (M.S.))</p>
Additional Regulations	<p>※ The graduation criteria for 2 - years duration, the thesis should be published on at least one qualified international journal (not required to be the first author).</p> <p>※ the Research Training course :</p> <p>1. This course has to be taken every semester unless the thesis oral defense is passed before the course drop-add deadline for the semester.</p> <p>2. At least three semesters of Research Training directed under the same professor are required.</p> <p>※ the Literature on Chemistry course :</p> <p>1. Master students should consecutively take the Literature on Chemistry course for a total of 4 semesters, starting from the first semester after entrance.</p>

2. At least 12 written reports from attending Chemistry department lectures should be submitted each semester.