

Requirements for Program Completion, Master's Program in Chemistry

Content required for the completion of program					
		Course Category	Subject Group		Credit
Core	Basic content	General Foundation Subjects	General Common Subjects for Pure and Applied Sciences	Colloquium on Pure and Applied Sciences	1
		Foundation Subjects for Major	Fundamental Common Subjects for Master's Program in Chemistry	Fundamental Common Subjects for Chemistry	2
	Advanced content	Major Subjects	•Advanced Common Subjects for Chemistry •Advanced Subjects in the field of Inorganic and Analytical Chemistry •Advanced Subjects in the field of Physical Chemistry •Advanced Subjects in the field of Organic Chemistry •Advanced Subjects in the field of Interdisciplinary Chemistry •Advanced Subjects in the field of Nano Chemistry Course	•Seminar in Chemistry I	1
				•Advanced Subjects for Chemistry	2
				•Seminar in the relevant field IA	1
				•Seminar in the relevant field IB	1
				•Seminar in the relevant field IIA	1
				•Seminar in the relevant field IIB	1
				•Research in the relevant field IA	3
				•Research in the relevant field IB	3
•Research in the relevant field IIA	3				
•Research in the relevant field IIB	3				
Elective	Other			•Except above Subjects for Chemistry •Except above General Common Subjects for Pure and Applied Sciences •Other Program Subjects for Pure and Applied Sciences •Inter-disciplinary Foundation Courses for Graduate School of Science and Technology •Other Degree Program's Subjects (Need approval from Supervisor) •Inter-disciplinary Foundation Courses for Other Graduate School (Need approval from Supervisor) •Graduate General Education Course (Need approval from Supervisor)	
	basic or advanced content			Total	8
Total number of credits					30

<p>Precautions suggested for students who have qualified under the special selection system for working people (these are students who are granted a special exception under Article 14)</p> <p>The education of vital postgraduate subjects can be carried out in a proper manner by employing such measures as conducting classes or research instructions at night or other specially-arranged times or periods (Article 14 of the postgraduate college installation standard).</p>	<ul style="list-style-type: none"> •Credits for Colloquium on Pure and Applied Sciences can be replaced with General Foundation Subject (1 credit) on this program if the supervisor accepts its necessity. •Credits for Advanced Subjects can be replaced with subjects for working students on Pure and Applied Sciences if the supervisor accepts its necessity.
<p>Precautions suggested for early graduates while choosing courses</p> <p>One year or more spent enrolled at a postgraduate college is sufficient for students who show excellent academic results (The provision in Article 16 of the postgraduate college installation standard is applied in such cases).</p>	<ul style="list-style-type: none"> •A student who is accepted as having showed excellent academic results can complete his/her school term by receiving the certification following the predefined procedure even if the actual number of school days covered by the student is less than two years. <p>On the completion of the first year, taking following subjects early is acceptable: "Research in the relevant field IIA", "Research in the relevant field IIB", "Seminar in the relevant field IIA" and "Seminar in the relevant field IIB" (2nd year target).</p>
Caution related to Colloquium on Pure and Applied Sciences	<ul style="list-style-type: none"> •Credits for Colloquium on Pure and Applied Sciences can be replaced with those for "Science in Japan I" if the supervisor accepts.

<p>Completion requirement</p> <p>The completion requirements of the master course are defined in sections 1 and 2 of Article 41 of the postgraduate college code; the subjects for each program of this graduate course should be chosen such that the combination exceeds the necessary number of credits.</p>	<p>Earn/Complete the predefined 30 credits based on the standard decided by this program and pass the review of the master thesis and the final examination.</p>
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(Remarks)

1. The number of credits shown in this table shows the minimum value required for the completion of the course.
2. As a general rule, it is not possible to earn credits of the same subject twice.