理工情報生命学術院　数理物質科学研究群
応用理工学学位プログラム〔博士後期課程〕の修了要件に係る所要科目及び必要単位数等
（令和3年度入学者適用）

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Required subjects and number of credits, etc., required for the completion of the Doctoral Program in Engineering Sciences subprogram in Materials Science and Engineering

Content required for the completion of subprogram				
		Category and Subject Group		Credit
Core	Basic content			
	Advanced content	Advanced Common Subjects for subprogram in Materials Science and Engineering	"Seminar in Materials Science and Engineering I"	1
			"Seminar in Materials Science and Engineering II"	1
			"Research in Materials Science and Engineering IA"	3
			"Research in Materials Science and Engineering IB"	3
			"Research in Materials Science and Engineering IIA"	3
			"Research in Materials Science and Engineering IIB"	3
			"Research in Materials Science and Engineering IIIA"	3
			"Research in Materials Science and Engineering IIIB"	3
Elective	Other basic or advanced content			
Total number of credits				20

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) 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).	
Precautions suggested for early graduates while choosing courses (including the early completion program) 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).	- 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 three years. On the completion of the first year, taking following classes early is acceptable:the "Seminar in Materials Science and Engineering II," the "Research in Materials Science and Engineering IIA," the "Research in Materials Science and Engineering IIB,"(2nd year target) and "Research in Materials Science and Engineering IIIA," the "Research in Materials Science and Engineering IIIB" (3rd year target). On the completion of the 2nd year, taking early the "Research in Materials Science and Engineering IIIA" and the "Research in Materials Science and Engineering IIIB"(3rd year target) is acceptable.
Completion requirement The completion requirements of the doctoral course are defined in sections 1 and 2 of Article 43 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.	Earn/Complete the predefined credits based on the standard decided by this subprogram and pass the review of the doctoral thesis and the final examination.

(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.