

Requirements for Program Completion

Master's Program in Computer Science (MP-CS)

【Requirements of MP-CS】

Course Category		Required Courses	Credits	Electively Required Courses	Credits
Degree Programs' Common Courses ※ <sup>1</sup>	Foundation Subjects for Major			Degree Programs' Common Courses – Foundation Subjects for Major	18~
	Major Subjects			Degree Programs' Common Courses – Major Subjects	
Program's Courses ※ <sup>2</sup>	Foundation Subjects for Major			Program's Courses (Computer Science Associated Courses) – Foundation Subjects for Major	
	Major Subjects	<ul style="list-style-type: none"> <li>▪ Seminar in Computer Science A</li> <li>▪ Seminar in Computer Science B</li> <li>▪ Seminar in Computer Science C</li> <li>▪ Seminar in Computer Science D</li> </ul>	12	Program's Courses (Computer Science Associated Courses) – Major Subjects (Except the required courses listed on the left)	
Required Number of Total Credits and Graduation Requirements		<ul style="list-style-type: none"> <li>▪ The degree (Master of Engineering) is granted to the students who have earned 30 credits as specified in the table and have passed the review of the Master's Thesis and the final examination.</li> <li>▪ Up to 10 credits earned from the following courses may be included in the set of the required credits in Foundation Subjects for Major. The preliminary approval of the academic supervisor is required.                             <ul style="list-style-type: none"> <li>(1) Courses in Other Degree Programs</li> <li>(2) Interdisciplinary Foundation Courses</li> <li>(3) Graduate General Education Courses</li> <li>(4) Specialized Subjects in Master's Program in Life Science Innovation (Bioinformatics)</li> </ul> </li> </ul>			

※<sup>1</sup> Course Number Range of the Degree Programs' Common Courses: 0AL0\*\*\* ~ 0AL9\*\*\*

※<sup>2</sup> Course Number of the Program's Courses: 0ALD\*\*\*  
(Courses other than Computer Science Associated Courses in Program's Courses cannot be included in the credits needed for graduation.)

**[Reference] Degree Programs in Systems and Information Engineering  
Course numbering system**

:They can be included in the credits needed for graduation.

:They cannot be included in the credits needed for graduation.

Course Number Range							Course Category									
1	2	3	4	5	6	7	1	2	3	4		5		6	7	
0	A	L	0~4	0	0~9 A~Z	0~9 A~Z	Graduate School	Master's Programs	Degree Programs in Systems and Information Engineering	Degree Programs' Common Courses	Foundation Subjects for Major	Foundation Subjects for Major	Common	Serial number for each category		
				1									PPS Associated Courses			
				2									SE Associated Courses			
				3									R2E Associated Courses			
				4									CS Associated Courses			
				5									IMIS Associated Courses			
				6									EME Associated Courses			
				7									EMP Associated Courses			
				8~9 A~Z									Currently unused			
				5~9									0		Common	
													1			PPS Associated Courses
													2			SE Associated Courses
													3			R2E Associated Courses
													4			CS Associated Courses
			5		IMIS Associated Courses											
			6		EME Associated Courses											
			7		EMP Associated Courses											
			8~9 A~Z		Currently unused											
			A		0~4	Foundation Subjects for Major										
					5~9		Major Subjects									
					A~Z		Currently unused									
			B		0~4	Foundation Subjects for Major										
					5~9		Major Subjects									
				A~Z	Currently unused											
			C	0~4	Foundation Subjects for Major											
				5~9		Major Subjects										
				A~Z		Currently unused										
			D	0~4	Foundation Subjects for Major											
				5~9		Major Subjects										
				A~Z		Currently unused										
			E	0~4	Foundation Subjects for Major											
				5~9		Major Subjects										
				A~Z		Currently unused										
			F	0~4	Foundation Subjects for Major											
				5~9		Major Subjects										
				A~Z		Currently unused										
G~Z	0~9	Currently unused														
	A~Z		Currently unused													

\* To avoid confusion with numbers, the letters "I" and "O" are not used in the 4th to 6th digits.

履修方法・修了要件

システム情報工学研究群 情報理工学位プログラム(博士前期課程)

【履修方法・修了要件】

科目区分		必修科目	単位	選択科目	単位
研究群共通科目群 ※ <sup>1</sup>	専門基礎科目			研究群共通科目群専門基礎科目	18～
	専門科目			研究群共通科目群専門科目	
学位プログラム科目群 ※ <sup>2</sup>	専門基礎科目			学位プログラム科目群(情報理工学位プログラム)専門基礎科目	
	専門科目	<ul style="list-style-type: none"> <li>・情報理工前期特別研究A</li> <li>・情報理工前期特別研究B</li> <li>・情報理工前期特別研究C</li> <li>・情報理工前期特別研究D</li> </ul>	12	学位プログラム科目群(情報理工学位プログラム)専門科目(左記必修科目を除く)	
修了単位数・要件		<ul style="list-style-type: none"> <li>・上記の条件を満たし、30単位以上修得するとともに、修士論文の審査及び最終試験に合格すること。</li> <li>・下記の授業科目を履修し修得した単位は、その10単位までを専門基礎科目として課程修了に必要な修得単位に含めることができる。ただし、履修に際しては学生の過去の履修歴を勘案した指導教員の事前許可を得ること。</li> <li>(1) 他研究群開設科目</li> <li>(2) 学術院共通専門基盤科目</li> <li>(3) 大学院共通科目</li> <li>(4) ライフイノベーション(生物情報)学位プログラム 専門科目</li> </ul>			

※<sup>1</sup> 研究群共通科目群の科目番号範囲：0AL0\*\*\*～0AL9\*\*\*

※<sup>2</sup> 学位プログラム科目群の科目番号：0ALD\*\*\* (学位プログラム科目群のうち、情報理工関連科目以外の科目は修了に必要な単位に含まれないので注意すること。)

## 【参考】システム情報工学研究群 科目番号付番体系

  :修了単位に含まれる (算入可)  
  :修了単位に含まれない (算入不可)

コード							コードの内容							
1	2	3	4	5	6	7	1	2	3	4	5		6	7
0	A	L	0~4	0	0~9 A~Z	0~9 A~Z	大学院	博士前期課程	システム情報工学研究群	専門基礎科目	研究群 共通 科目 群	共通	整理上の 番号	
				1										
				2										
				3										
				4										
				5										
				6										
				7										
				8~9 A~Z										
				0										
				1										
				2										
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			5											
			6											
			7											
			8~9 A~Z											
			A											
			0~4											
			5~9											
			A~Z											
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A~Z														
F														
0~4														
5~9														
A~Z														
G~Z														
0~9														
A~Z														

※ 4~6桁目については、"I"及び"O"は除外する。