Doctor's Program Subject and Completion Requirements 2019

Department of Computer Science

Code	Classification	subject name	Instructor	Unit		School hour a week				remarks
						1st.Grade		2nd.Grade		
				Core Subjects	Elective subject	Spring and Summer Terms	Fall and Winter Terms	Spring and Summer Terms	Fall and Winter Terms	
333304	G・M	Advanced Seminar on Computer Science Ⅰ	All Staff		2	2				
333305	M	Advanced Seminar on Computer Science Ⅱ	All Staff		2		2			
333605	G・M	Advanced Integrated Sciences	Leibnitz Kenji Ferdinand Peper Cruz Jason Paul		2	2				
333406	M	Exercises on Information Engineering for Interactive Creation A	Taro Maeda Haruo Takemura Toru Fujiwara Hideyuki Ando Susumu Date Yuichi Ito		4	4	4			
333706	M	Integrated Biological and Information Engineering	Hiroshi Shimizu Fumio Matsuda Yoshihiro Toya Nobuyuki Okahashi		2	2				
333306	M	Internship on Computer Science D	All Staff		2	3	3	(※3)		
333010	G・M	Academic Internship Abroad D(S)	All Staff		4	6	6	(※6)		(Common subject for all departments)
333012	G・M	Academic Internship Abroad D(L)	All Staff		8	12	12	(※12)		(Common subject for all departments)
333014	M	Humanware Fundamentals I D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		2	2				
333015	M	Humanware Fundamentals II D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		2		2			
333016	M	Humanware Innovation Creation D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		2		2			
333017	M	Humanware Seminar D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		2	1	1			
333018	M	Humanware Innovation Introduction D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		2	1	1			
333019	M	Humanware Communication D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		2	1	1			
333020	M	Humanware Interdisciplinary Project Studies D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		4	2	2			
333021	M	Innovation Practice Seminar D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		4	2	2			
333022	M	Humanware Innovation Activity D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		2	1	1			
333023	M	Humanware Laboratory Rotation D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		2	1	1			
333024	M	Humanware PI Interdisciplinary Project Studies D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		4			2	2	
333025	M	Internship (Short Term) D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		2	3	3			
333026	M	Internship (Long Term) D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		4	6	6			
333027	G・M	Overseas Internship (Short Term) D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		2	3	3			
333028	G・M	Overseas Internship (Long Term) D	Hiroshi Shimizu Naoki Wakamiya Takahiro Hara Kazufumi Hosoda MAHZOON_HAMED		4	6	6			

【Requirements for Completion】

Students must receive 4 credits or more, and pass a final evaluation of their doctoral thesis.

※ 1. In the case of taking Internship on Computer Science D, Academic Internship Abroad D(S), D(L),
one unit will be accepted and included into the residency requirement.

※ 2. D1,D2 students can register Internship on Computer Science D, Academic Internship Abroad D(S), D(L) from "Fall and Winter Terms" through "Spring and Summer Terms".

3. "M" in the classification column represents Major subjects, "G" represents Advanced Global Literacy Educational subjects, and "G・M" represents subjects with both
Advanced Liberal Arts Educational and Major subjects' characteristics.

4. Only Humanware Innovation Program students can register subjects from 333023 to 333028.

5. With regard to 333014、333015、333016、333017、333018、333019、333022、333023、333025、333026、333027、333028, those who have already acquired M version
of those subjects in Master course can't register D version of those in Doctoral Course.

ex.) Those who have already acquired Humanware Fundamentals I M in the Master course can't register Humanware Fundamentals I D in the Doctoral course.