Doctor's Program Subject and Completion Requirements 2022

Department of Computer Science

Code	Classification	subject name	Instructor	Core Subjects	Elective subject	1st.Grade Spring and Summer Terms	1st.Grade Fall and Winter Terms	2nd.Grade Spring and Summer Terms	2nd.Grade Fall and Winter Terms	remarks
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 Miranda		2	2				
333406	M	Exercises on Information Engineering for Interactive Creation A	Taro Maeda Haruo Takemura Toru Fujiwara Susumu Date Yuki Uranishi 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			2					
333015	M	Humanware Fundamentals II D			2					
333016	M	Humanware Innovation Creation D	Toshimitsu Masuzawa Takahiro Hara Shigeru Kondo Hiroshi Ishiguro		2		2			
333017	M	Humanware Seminar D			2					
333018	M	Humanware Innovation Introduction D			2					
333019	M	Humanware Communication D			2					
333020	M	Humanware Interdisciplinary Project Studies D	Fumihiko Ino Hiroshi Shimizu Ittetsu Taniguchi Shin-ichi Arakawa Takuya Maekawa Nobuyuki Okahashi Taisuke Izumi Suguru Shimomura Satoru Iwasaki MAHZOON HAMED		4	2	2			
333021	M	Innovation Practice Seminar D			4					
333022	M	Humanware Innovation Activity D	Naoki Wakamiya		2	1	1			
333023	M	Humanware Laboratory Rotation D			2					
333024	M	Humanware PI Interdisciplinary Project Studies D	Hiroshi Shimizu		4	2	2			
333029	M	Advanced Humanware Innovation Practice D	Hiroshi Shimizu Yoshihiro Midoh Hideo Sasano Kenta Kitamoto Seiji Matsuo Tatsuhiro Tuchiya		2	1	1			
333025	M	Internship (Short Term) D	Takuya Maekawa Naoki Wakamiya Satoru Iwasaki		2	3	3			
333026	M	Internship (Long Term) D	Takuya Maekawa Naoki Wakamiya Satoru Iwasaki		4	6	6			
333027	G・M	Overseas Internship (Short Term) D	Toru Fujiwara Satoru Iwasaki		2	3	3			
333028	G・M	Overseas Internship (Long Term) D	Toru Fujiwara Satoru Iwasaki		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 Global Literacy Educational and Major subjects' characteristics.

4. Only Humanware Innovation Program students can register subjects from 333020 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.