Doctor's Program Subject and Completion Requirements 2022

Department of Information Networking

Code	Classification	subject name	Instructor	Unit Core Subjects	Unit 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
333501	M	Architectonics of Information Network			2					
333505	M	Seminar on Information Networking D	Masayuki Murata Takashi Watanabe Hirozumi Yamaguchi Shin-ichi Arakawa Shunsuke Saruwatari Yuki Koizumi Tomoki Yoshihisa Akira Uchiyama		2	2				
333503	M	Networking Technology and Advanced Information Society	Toru Hasegawa Katsuhiro Shimano Norihito Yasuda Yasue Kishino Yuki Koizumi		2		2			
333605	G・M	Advanced Integrated Sciences	Leibnitz Kenji Ferdinand Peper Cruz Jason Paul Miranda		2	2				
333706	M	Integrated Biological and Information Engineering	Hiroshi Shimizu Fumio Matsuda Yoshihiro Toya Nobuyuki Okahashi		2	2				
333504	M	Internship on Information Networking D	Masayuki Murata Takashi Watanabe Toru Hasegawa Hirozumi Yamaguchi Shin-ichi Arakawa Shunsuke Saruwatari Yuki Koizumi Tomoki Yoshihisa Akira Uchiyama Takuya Fujihashi Daichi Kominami Junji Takemasa		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			

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	
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 Information Networking 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 Information Networking 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.