

Doctor's Program Subject and Completion Requirements 2025

Department of Pure and Applied Mathematics

Code	Classification	subject name	Instructor	Unit		School hour a week				remarks
				Core Subjects	Elective subject	1st.Grade		2nd.Grade		
						Spring and Summer Terms	Fall and Winter Terms	Spring and Summer Terms	Fall and Winter Terms	
333123	G・M	Seminar for Advanced Research in Pure and Applied Mathematics I	All Staff	2		2				
333124	G・M	Seminar for Advanced Research in Pure and Applied Mathematics II	All Staff	2			2			
333105	M	Advanced Course in Pure and Applied Mathematics I	Yoshie Sugiyama		2		2			
333106	M	Advanced Course in Pure and Applied Mathematics II			2					
333109	M	Frontiers of Pure and Applied Mathematics D(A)			1					
333110	M	Frontiers of Pure and Applied Mathematics D(B)			1					
333111	M	Frontiers of Pure and Applied Mathematics D(C)			1					
333112	M	Frontiers of Pure and Applied Mathematics D(D)			1					
333113	M	Frontiers of Pure and Applied Mathematics D(E)	Yuki Arano		1		1			
333114	M	Frontiers of Pure and Applied Mathematics D(F)			1					
333116	M	Frontiers of Pure and Applied Mathematics D(G)	Shingo Sugiyama		1		1			
333117	M	Frontiers of Pure and Applied Mathematics D(H)			1					
333118	M	Frontiers of Pure and Applied Mathematics D(I)	Kazuhiko Yamaki		1	1				
333119	M	Frontiers of Pure and Applied Mathematics D(J)	Sumio Yamada		1		1			
333121	M	Frontiers of Pure and Applied Mathematics D(K)	Junichi Inoguchi		1		1			
333122	M	Frontiers of Pure and Applied Mathematics D(L)	Hisashi Morioka		1		1			
333125	M	Frontiers of Pure and Applied Mathematics D(M)			1					
333126	M	Frontiers of Pure and Applied Mathematics D(N)	Takahiro Hasebe		1	1				
333127	M	Frontiers of Pure and Applied Mathematics D(O)	Yuichi Ike		1	1				
333128	M	Frontiers of Pure and Applied Mathematics D(P)	Tomohiro Ogawa		1		1			
333605	G・M	Advanced Integrated Sciences	Leibnitz Kenji Ferdinand Peper		2	2				
333115	M	Internship on Pure and Applied Mathematics 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)

(Requirements for Completion)

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

※ In the case of taking Internship on Pure and Applied Mathematics D, Academic Internship Abroad D(S), D(L), one unit will be accepted and included into Requirements for Completion.

※ D1,D2 students can register Internship on Pure and Applied Mathematics D, Academic Internship Abroad D(S), D(L) from "Fall and Winter terms" through "Spring and Summer Terms".

"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.