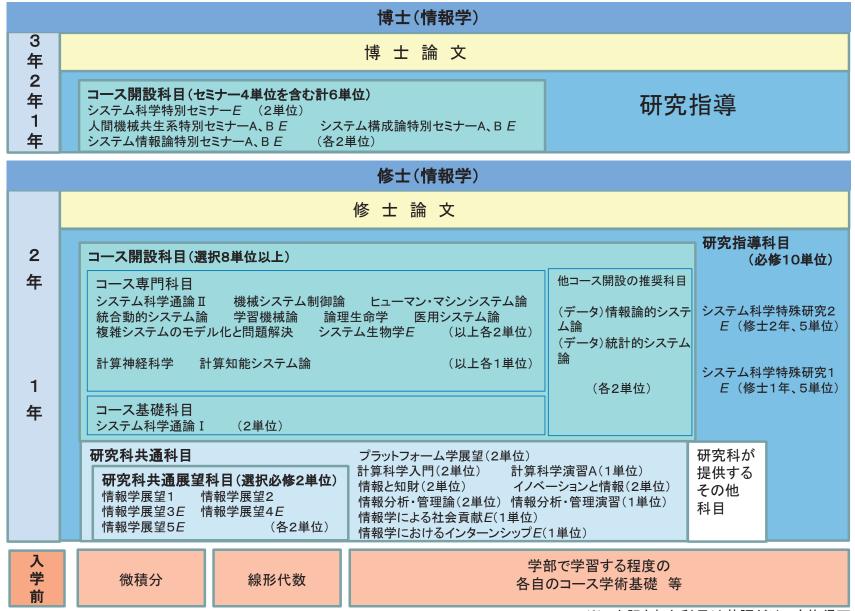
システム科学コースカリキュラム



Curriculum of Systems Science Course

Doctoral Program (Informatics)		
3 rd	Doctoral Thesis	
2 nd	Subjects provided by the Course (total 6 credits including 4 credits from seminars)	
1 st	Seminar on Systems Science, Adv. <i>E</i> (2 credits) Seminar on Human Machine Symbiosis, Advanced A, B <i>E</i> , Seminar on Systems Synthesis, Advanced A, B <i>E</i> Seminar on Systems Informatics, Advanced A, B <i>E</i> (2 credits each)	Research Guidance

Master's Program (Informatics) Master's Thesis 2nd Seminars and exercises Subjects provided by the Course (optional 8 credits or more) for Master's thesis (Mandatory 10 credits) **Advanced Subjects Recommended Subjects by Other** Courses Systems Sciences, Advanced II, Control Theory for Mechanical Systems, Theory of Human -Advanced Study in System Machine Systems, Theory of Integrated Dynamical Systems, Theory of Learning Machines, Information-Theoretic Systems Theory (DS) Science 2E Integrated Systems Biology, Medical Information Systems, Modeling and Problem-Solving of Statistical Systems Theory (DS) (Assigned to M2, 5 credits) Complex Systems, Systems Biology E (2 credits each) (2 credits each) Computational Neuroscience, Computational Intelligence (1 credit each) Advanced Study in System 1st Science 1E **Basic Subjects** (Assigned to M1, 5 credits) Systems Sciences, Adv. I (2 credits) General Subjects provided by the School Perspectives in Platform Studies (2 credits), Computational Science, Interdisciplinary subjects of the Perspectives in Informatics Introduction (2 credits), Computational Science, Exercise A (1 credit), (Mandatory 2 credits) Information and Intellectual Property (2 credits), Innovation and Information (2 Specific credits), Information Analysis and Management (2 credit), Information Analysis Perspectives in Informatics 1 Perspectives in Informatics 2 subjects Perspectives in Informatics 3E Perspectives in Informatics 4E and Management, Exercise (1 credit), Social Contributions through Informatics provided by Perspectives in Informatics 5E (2 credits each) the school E (1 credit), Internship in the Field of Informatics E (1 credit)

Prior to admission

Differential and Integral Calculus

Linear algebra

Fundamental background of the subjects provided by the Course, etc.