

## List of Compulsory Course for 2021 Spring Semester

For Master's program

Subject	Registration Code	School	Center	Cr.
INDEPENDENT STUDY	08734	Fundamental Science and Technology	Mathematics	4
	08753		Physics	
	08442		Molecular Chemistry	
	08089		Applied Physics and Physico-Informatics	
	08476		Chemical Biology	
	08500		Biosciences and Informatics	
	09310	Integrated Design Engineering	Multidisciplinary and Design Science	
	09305		System Integration Engineering	
	09286		Electronics and Electrical Engineering	
	08859		Material Design Science	
	09324	Science for Open and Environmental Systems	Space and Environment Design Engineering	
	07647		Science of Environment and Energy	
	01285		Applied and Computational Mechanics	
	09343		Information and Computer Science	
09358	Open Systems Management			
GRADUATE RESEARCH 1	01266	Fundamental Science and Technology	Mathematics	6
	02831		Physics	
	03292		Molecular Chemistry	
	10563		Applied Physics and Physico-Informatics	
	08749		Chemical Biology	
	09339		Biosciences and Informatics	
	10138	Integrated Design Engineering	Multidisciplinary and Design Science	
	02430		System Integration Engineering	
	02645		Electronics and Electrical Engineering	
	10381		Material Design Science	
	10525	Science for Open and Environmental Systems	Space and Environment Design Engineering	
	11024		Science of Environment and Energy	
	01103		Applied and Computational Mechanics	
	10783		Information and Computer Science	
09874	Open Systems Management			

For Ph.D. program

Subject	Registration Code	School	Center	Cr.
GRADUATE RESEARCH 2	02808	Fundamental Science and Technology	Mathematics	6
	03269		Physics	
	03072		Molecular Chemistry	
	10635		Applied Physics and Physico-Informatics	
	08461		Chemical Biology	
	10343		Biosciences and Informatics	
	10487	Integrated Design Engineering	Multidisciplinary and Design Science	
	02463		System Integration Engineering	
	02721		Electronics and Electrical Engineering	
	10104		Material Design Science	
	10999	Science for Open and Environmental Systems	Space and Environment Design Engineering	
	10750		Science of Environment and Energy	
	01137		Applied and Computational Mechanics	
	11120		Information and Computer Science	
	04160		Open Systems Management	