

## List of Compulsory Course for 2020 Fall Semester for the students enrolled in September

For Master's program

Subject	Registration Code	School	Center	Cr.
INDEPENDENT STUDY	10267	Fundamental Science and Technology	Mathematics	4
	10271		Physics	
	10286		Molecular Chemistry	
	10305		Applied Physics and Physico-Informatics	
	10047		Chemical Biology	
	10051		Biosciences and Informatics	
	09817	Integrated Design Engineering	Multidisciplinary and Design Science	
	10085		System Integration Engineering	
	08658		Electronics and Electrical Engineering	
	10066		Material Design Science	
	10090	Science for Open and Environmental Systems	Space and Environment Design Engineering	
	10104		Science of Environment and Energy	
	01357		Applied and Computational Mechanics	
10119	Information and Computer Science			
10123	Open Systems Management			
GRADUATE RESEARCH 1	02607	Fundamental Science and Technology	Mathematics	6
	03178		Physics	
	01888		Molecular Chemistry	
	10582		Applied Physics and Physico-Informatics	
	08787		Chemical Biology	
	10343		Biosciences and Informatics	
	10472	Integrated Design Engineering	Multidisciplinary and Design Science	
	02717		System Integration Engineering	
	02650		Electronics and Electrical Engineering	
	10420		Material Design Science	
	11010	Science for Open and Environmental Systems	Space and Environment Design Engineering	
	09946		Science of Environment and Energy	
	01395		Applied and Computational Mechanics	
11149	Information and Computer Science			
11191	Open Systems Management			

For Ph.D. program

Subject	Registration Code	School	Center	Cr.
GRADUATE RESEARCH 2	02760	Fundamental Science and Technology	Mathematics	6
	03235		Physics	
	03053		Molecular Chemistry	
	10654		Applied Physics and Physico-Informatics	
	08844		Chemical Biology	
	10377		Biosciences and Informatics	
	10506	Integrated Design Engineering	Multidisciplinary and Design Science	
	03379		System Integration Engineering	
	02683		Electronics and Electrical Engineering	
	10453		Material Design Science	
	11043	Science for Open and Environmental Systems	Space and Environment Design Engineering	
	11115		Science of Environment and Energy	
	01429		Applied and Computational Mechanics	
11172	Information and Computer Science			
04136	Open Systems Management			