

1 st year			
1 st semester		2 nd semester	
1 st quarter	2 nd quarter	3 rd quarter	4 th quarter

2 nd year			
1 st semester		2 nd semester	
1 st quarter	2 nd quarter	3 rd quarter	4 th quarter

Major subject

Structural Chemistry	Microstructure of Ceramics I	Microstructure of Ceramics II	Advanced Crystal Chemistry of Inorganic Materials	
		Advanced Analysis of Crystal Structures	Advanced Course of Environmental Materials	
			Assembly for Micro/Nano Architectures	

Material Properties	Functional Properties of Ceramics	Structural Physics of Inorganic Materials	Ceramics Characterization	
	Ceramics Physical Chemistry	Principles and Applications of Electroceramics	Materials Science for Energy	
		Ceramic Materials for Environmental Harmony I	Ceramic Materials for Environmental Harmony II	
		Advanced Nano-Photonics Science		

Materials Design & Synthesis		Design of Ceramic Materials	Lectures on Ceramic Processing	
	Advanced Thin Film Technology		Advanced Ceramics for Energy Conversion	
	Energy Environmental Materials Synthesis		Advances in Bioceramics Science and Engineering II	
		Advances in Bioceramics Science and Engineering I		

Seminar	Life Science and Applied Chemistry Seminar 1	Life Science and Applied Chemistry Seminar 2	Life Science and Applied Chemistry Seminar 3	Life Science and Applied Chemistry Seminar 4
	Research Internship		Research Internship	

Life Science and Applied Chemistry Seminar 3	Life Science and Applied Chemistry Seminar 4
Global Presentation	

Liberal Arts

Business Literacy	Business Literacy	Business Literacy	Business Literacy
School Common Subject	School Common Subject	School Common Subject	
Department Common Subject	Department Common Subject	Department Common Subject	Department Common Subject

Master Thesis
