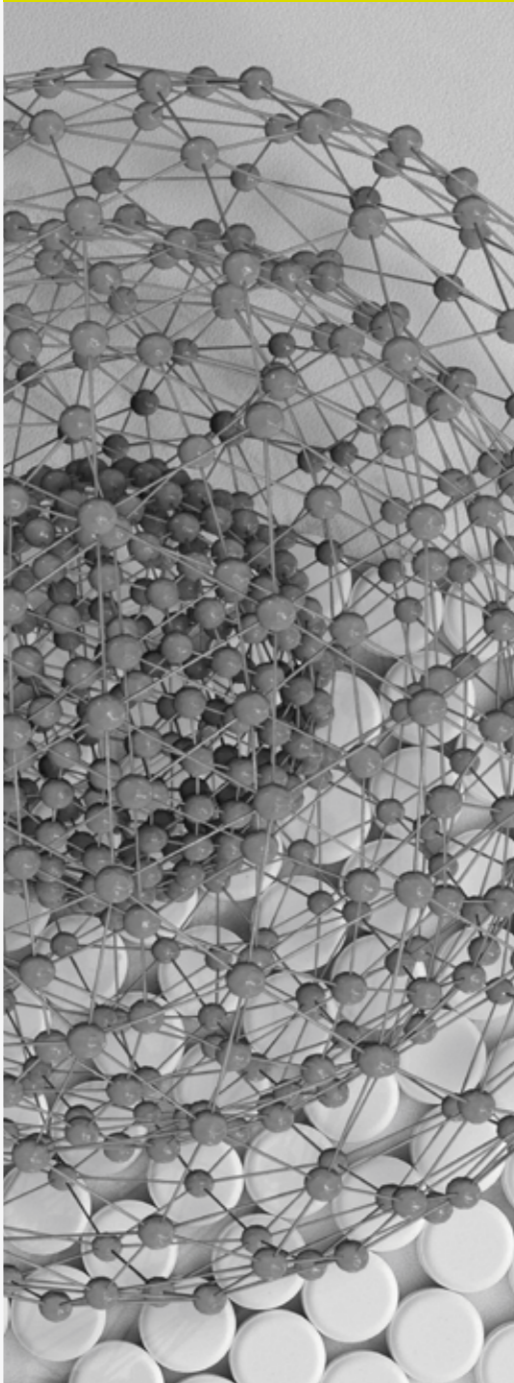


Materials Science

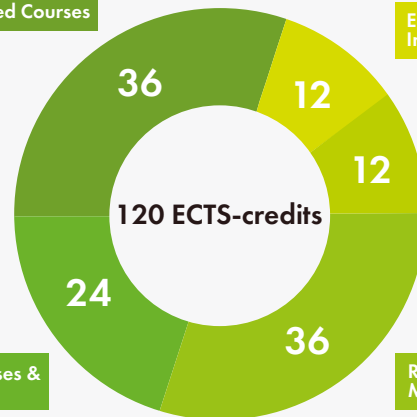
Students may specialize in

Track A Experimental Materials Science

Track B Computational Materials Science



Compulsory & Recommended Courses



Entrepreneurship & Innovation

Industrial Immersion

Elective Courses & Projects

Research & MSc Thesis Projects

Curriculum:

Compulsory courses

	Track A	Track B
Survey of Materials	A	B
Materials Chemistry	A	B

Recommended electives

Mathematics for Engineers	A	B
Research Seminar "Advanced Materials Science"	A	B
Mathematics and Machine Learning for Molecular modelling	A	B
Aerosol Science and Technology	A	B
Introduction to Solid State Physics	A	
Organic Materials for Electronics, Photonics, Energy Generation and Storage	A	
Material Structure Characterization Methods	A	
Carbon Nanomaterials	A	
Electrochemistry: Fundamentals to Applications	A	
Computational Chemistry and Materials Modeling		B
Structure and Properties of Materials		B
Fundamentals Device Physics		B
Advanced Solid State Physics		B

Entrepreneurship & Innovation

Innovation Workshop	A	B
Ideas to Impact	A	B
Leadership for Innovators	A	B
Business Communication	A	B
Thinking Disruptive for a Big Future	A	B
Biomedical Innovation and Entrepreneurship	A	B
Intellectual Property and Technological Innovation	A	B
New Product Design: from Idea to Market Launch	A	B
Management of Research & Development	A	B
Technology Entrepreneurship	A	B

Elective Courses

See at the Skoltech Course Catalogue:
skoltech.ru/en/education/course-catalogue