

QUICK FACTS:

① M.Sc. in Innovation & Research (Singular Degree!)
* Look to Far Right *

(Not an Empty Masters, IT Masters, etc.)

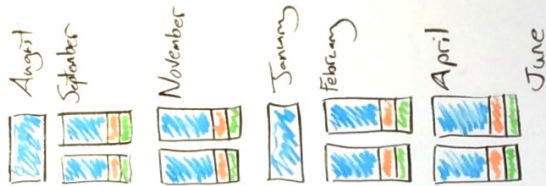
② Context - Skoltech will address Russia's needs:

- increasing global competitiveness
- introduce international best practices
- decrease/reverse brain drain
- key intellectual partner in developing Skolkovo

③ Education Goal: Educate students

- in integrated science, technology & innovation
- empowering Skolkovo generation
- bridge gap between fundamental science & innovation
- become transformative members of society
- make economic & social impact in the Russian Federation & world

Structure of the Academic Year:
(a.k.a. "6+1+1 Model")



Learning Periods Assessment Periods Application Periods

Higher Level Learning Outcomes Framework:

- * 1x Disciplinary Knowledge & Reasoning
- * 2x Personal Attributes - Thinking, Beliefs, Values
- * 3x Relating to Others - Communication and Collaboration
- * 4x Leading the Innovation Process

Vision of the Graduates:

Will have an education that includes...

- unifying "scientific knowledge" with "useful knowledge".
- the process of innovation.
- the skills of innovation.
- leading to the self-confidence necessary for innovation.
- preparation for leadership.

Application Period (week 8):

Focus on 2x's & 3x's

Purpose ~

- Put knowledge into practice that is experiential, hands-on, and innovative.
- Practice personal and interpersonal skills through teamwork.
- Opportunity to present and celebrate student solutions to authentic problems.

M. Sc. Degree Requirements:

Minimum - 96 credits at SKT in the below combination

48 credits in Science, Technology, and Engineering

12 credits in Sector

12 credits in Entrepreneurship & Innovation

24 credits in Diploma Thesis Project

A. STE

B. Sector

C. Entrepreneurship & Innovation

D. Diploma Thesis

Sector Stream

Education Collaboration Website:

<www.mitskoltech.org>

3x's

Sample Degree Paths

Energy+IT Degree Path = IT Role in Energy Company

Bio + Space Degree Path = BioMed Device Role in Space Context

Nuclear Degree Path = Nuclear Role in Nuclear Company

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work.

STE
Stream

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