<table>
<thead>
<tr>
<th>MASTER’S PROGRAM</th>
<th>BEAM-PLASMA SYSTEMS &amp; TECHNOLOGIES</th>
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</thead>
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### 1ST SEMESTER
- Russian as a Foreign Language
- Russian history and culture
- Program Orientation Course
- Selected sections of general physics
- Selected sections of higher mathematics
- Selected sections of general and bioorganic chemistry
- Selected sections of computer science: special software
- Introduction to plasma physics. Electron kinetics
- Personal Research project

### 2ND SEMESTER
- Russian as a Foreign Language
- Selected sections of general physics
- Selected sections of higher mathematics
- Gas Dynamics of Combustion
- Plasma physics
- Plasma technical systems
- System analysis and simulation of Beam-Plasma Systems
- Personal Research project

### 3RD SEMESTER
- Russian as a Foreign Language
- Beam-Plasma technologies. Part 1. Manufacturing technologies
- Plasma chemistry
- Personal Research project

### 4TH SEMESTER
- Personal Research Project
- Beam-Plasma technologies. Part 2. Aerospace technologies