

**Discipline: Business Engineering**

**Annotation**

**Labor intensity: 3 ECTS, 108 academic hours.**

**Final control form: exam**

Extract from the Federal State Educational Standard of Higher Professional Education of the Russian Federation on the minimum requirements for discipline Business engineering is a modern technology for creating startups based on a formal, accurate, complete and comprehensive description of the idea generation process, validating ideas, building business models, building prototypes and reducing the likelihood of failure, through the introduction of appropriate techniques and technologies.

The course "Business Engineering" contains a systematic presentation of the basic concepts and methods of generating a business idea, generating a business name, creating a product or services, then building a business model and business processes of the company. Course content covers: basic concepts of organization building models, description and analysis business modeling tools, activity analysis methods company, developing a strategy and an action plan to achieve the planned goals. The study of the course is accompanied by practical exercises on the implementation individual assignments and group work, and creating your own business (startup).

1.2. The relationship of the discipline with other disciplines of the curriculum of the specialty (directions)

- Startup engineering

1.3. Requirements for the initial levels of knowledge, skills and abilities of students for passing the discipline (what a student should know, be able to and own to pass of this discipline)

- Analytical and systems thinking

1.4. Prerequisite for passing (discipline (s), the study of which is a necessary base for mastering this discipline)

- During the passage of the Startup Engineering discipline, students already teams have been formed and they already have a formed business idea. During disciplines Business Engineering, students continue to study the materials and implement your knowledge for your projects.

The total workload of the discipline is 108 academic hours (3 academic credits).

The course is designed for 36 hours of lectures and 18 hours of practical training, as well as 54 hours independent work of students, which will consist in doing homework assignments and preparation for intermediate controls.