Recommended Order of Study

| Semester 1 First Year Seminar I Kyrgyz Language Russian Language Linear Algebra and Analytic Geometry Discrete Mathematics and Mathematical Logic I Kyrgyz or Russian Language or Concepts of Modern Sciences Introduction to Computing Sport Total | 8 2 2 6 6 6 3 0 33 | Semester 2 First Year Seminar II Manas Studies Mathematical Analysis I Discrete Mathematics and Mathematical Logic II Computer Science Sport Total d Year Semester 4 | 10 2 6 6 3 0 |
|--|--|--|-----------------------------|
| First Year Seminar I Kyrgyz Language Russian Language Linear Algebra and Analytic Geometry Discrete Mathematics and Mathematical Logic I Kyrgyz or Russian Language or Concepts of Modern Sciences Introduction to Computing Sport Total Semester 3 Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | 2 2 6 6 6 3 0 33 econe | First Year Seminar II Manas Studies Mathematical Analysis I Discrete Mathematics and Mathematical Logic II Computer Science Sport Total d Year | 2 6 6 3 |
| Kyrgyz Language Russian Language Linear Algebra and Analytic Geometry Discrete Mathematics and Mathematical Logic I Kyrgyz or Russian Language or Concepts of Modern Sciences Introduction to Computing Sport Total Semester 3 Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | 2 2 6 6 6 3 0 33 econe | Manas Studies Mathematical Analysis I Discrete Mathematics and Mathematical Logic II Computer Science Sport Total d Year | 2 6 6 3 |
| Russian Language Linear Algebra and Analytic Geometry Discrete Mathematics and Mathematical Logic I Kyrgyz or Russian Language or Concepts of Modern Sciences Introduction to Computing Sport Total Semester 3 Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | 2 6 6 3 0 33 econe | Mathematical Analysis I Discrete Mathematics and Mathematical Logic II Computer Science Sport Total d Year | 6 6 3 |
| Linear Algebra and Analytic Geometry Discrete Mathematics and Mathematical Logic I Kyrgyz or Russian Language or Concepts of Modern Sciences Introduction to Computing Sport Total Semester 3 Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | 6 6 3 0 33 econe | Discrete Mathematics and Mathematical Logic II Computer Science Sport Total d Year | 6 3 0 |
| Discrete Mathematics and Mathematical Logic I Kyrgyz or Russian Language or Concepts of Modern Sciences Introduction to Computing Sport Total Semester 3 Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | 6 3 0 33 econe | Discrete Mathematics and Mathematical Logic II Computer Science Sport Total d Year | 6 3 0 |
| Discrete Mathematics and Mathematical Logic I Kyrgyz or Russian Language or Concepts of Modern Sciences Introduction to Computing Sport Total Semester 3 Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | 6 3 0 33 econe | Discrete Mathematics and Mathematical Logic II Computer Science Sport Total d Year | 3 |
| Kyrgyz or Russian Language or Concepts of Modern Sciences Introduction to Computing Sport Total Semester 3 Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | 3 0 33 econ | Computer Science Sport Total d Year | 0 |
| Concepts of Modern Sciences Introduction to Computing Sport Total Semester 3 Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | 3 0 33 econ | Sport Total d Year | 0 |
| Concepts of Modern Sciences Introduction to Computing Sport Total Semester 3 Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | 0 33 econ | Sport Total d Year | |
| Sport Total Semester 3 Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | 0 33 econ | Total d Year | |
| Sport Total Semester 3 Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | 33 econ | d Year | 27 |
| Total Semester 3 Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | econ | d Year | 27 |
| Semester 3 Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | 4 | | T |
| Semester 3 Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | 4 | | т — |
| Introduction to Philosophy Mathematical Analysis II Programming I. Intro to object oriented | | 12.2 | 1 |
| Mathematical Analysis II Programming I. Intro to object oriented | | History of Kyrgyzstan | 4 |
| Programming I. Intro to object oriented | - | The Theory of Probabilities and | 6 |
| | | Mathematical Statistics I | |
| | 6 | Programming II. Intro to object oriented | 6 |
| | | programming | |
| Physics | 3 | Numerical Methods | 6 |
| Physics. Computer modelling | 3 | Kyrgyz or Russian Language | 6 |
| Elective | 6 | Elective | 4 |
| Sport | 0 | Sport | 0 |
| Total | 28 | Total | 32 |
| T | hird | l Year | • |
| Semester 5 | | Semester 6 | |
| Ordinary Differential Equations | 6 | Functional Analysis | 3 |
| Complex Variables | 3 | Equations of Mathematical Physics | 6 |
| The Theory of Probabilities and | 6 | Computers Architecture | 3 |
| Mathematical Statistics II | | First | |
| Operating Systems | 3 | Optimization Methods | 3 |
| Elective (Circuit Engineering) | 6 | Internship I, II | 6 |
| Elective | 6 | Elective | 9 |
| Total | 30 | Total | 30 |
| Fe | ourt | h Year | <u>-1</u> |
| Semester 7 | | Semester 8 | |
| Senior Project Preparation I | 3 | Senior Project Preparation II | 3 |
| Research Methods in Applied | 6 | Mathematical Modeling in Geophysics / | 12 |
| Mathematics | | Economics | |
| Game Theory | 6 | Computer Graphics: Programming Basics | 3 |
| Database Principles | 6 | Elective | 12 |
| Elective | 9 | | |
| Total | _ | | 1 |