

## **Faculty of Real Sciences**

- **Physics and Informatics (Bachelor)**

Courses:

*Fundamentals of Programming I*

*English*

*Informatics and Fundamentals of*

*Computing*

*Mecanics and Fundamentals of Acoustics*

*Higher Mathematics I*

*Physical Magnitudes and Their*

*Measurement Methods II*

*Modern and Contemporary History of*

*Europe*

*Labour Protection*

*Physical Training*

*English*

*Molecular Physics and Thermodynamics*

*Bases*

*Fundamentals of Programming II*

*Physical Magnitudes and Their*

*Measurement Methods II*

*Fundamentals of Market Economy*

*C Programming Language*

*Psychology. Initiation Training*

*Operational Systems*

*Theoretical Mechanics*

*Electromagnetism*

*Philosophical Issues of Exact Sciences*

*Fundamentals of State and Law*

*Pedagogy. Initiation Training*

*Psychology of Communication*

*Methods of Mathematical Physics*

*Optics*

*C++ Builder Programming Language*

*Theory and Methodology of Evaluation*

*Electrodynamics*

*Didactics of Informatics*

*Atomic and Nuclear Physics*

*Fundamentals of Radioelectronics*

*Electrotechnics*

*Java Programming Language*

*Pedagogical Ethics*

*Quantum Mechanics*

*Information Processing Management*

*Radioelectronics*

*Pedagogical Training (Informatics)*

*Didactics of Physics and the Current*

*Problems of Physics teaching method*

*Applied Radioelectronics*

*Numerical Analysis*

*Thermodynamics*

*Computer Architecture*

*Laboratory Practice in Teaching Physics*

*History of Physics*

*Web Programming*

*Statistic Physics*

*Astronomy*

*Computer Networks*

- **Mathematics and Informatics (Bachelor)**

Courses:

*Linear Algebra*

*English*

*Fundamentals of Programming I*

*Mathematical Analysis I*

*Analytical Geometry*

*Informatics and Fundamentals of*

*Computing*

*Modern and Contemporary History of*

*Europe*

*Labour Protection*

*Physical Training*

*Algebra and Theory of Numbers*

*Mathematical Logic*

*Fundamentals of Market Economy*

*Physical Training*

*Philosophical Issues of Exact Sciences*

*Operational Systems*

*Non-standard Problem Solving Methods*

*Psychology. Initiation Training*

*Mathematical Analysis III*

*C Programming Language*

*Arithmetic*

*Differential Equations*

*Complex Analysis*

*Pedagogy. Initiation Training*

*C++ Builder Programming Language*

*Psychology of Communication*

*Fundamentals of State and Law*

*Theory and Methodology of Evaluation*  
*Didactics of Informatics*  
*Didactics of Mathematics*  
*Theory of Probability and Mathematical Statistics*  
*Philosophy and History of Mathematics*  
*Applications of Differential Calculus*  
*Java Programming Language*  
*Computer Architecture*  
*Operational Investigations*  
*Computer-assisted Learning*  
*Differential Geometry and Topology*  
*Pedagogical Training (Informatics)*  
*Pedagogical Ethics*

*Information Processing Management*  
*Partial Derivative Equations*  
*Elements of Functional Analysis*  
*Pedagogical Training (Mathematics)*  
*Numerical Analysis*  
*Computer Architecture*  
*Graph Theory*  
*Fundamentals of Geometry*  
*Algebraic Structures*  
*Computer Networks*  
*Web Programming*  
*Licenta Training*  
*Licenta Examination*

- **Informatics (Bachelor)**

Courses:

*Psychology. Initiation Training*  
*Fundamentals of Programming*  
*Modern and Contemporary History of Europe*  
*English*  
*Higher Mathematics*  
*General Informatics and Fundamentals of Computing*  
*Physical Training*  
*Psychology of Communication*  
*Pedagogy. Initiation Training*  
*Fundamentals of Programming*  
*Discrete Structures*  
*Fundamentals of Market Economy*  
*Labour Protection*  
*Physical Training*  
*Philosophical Issues of Exact Sciences*  
*Evaluation Theory and Methodology*  
*Discrete Structures*  
*Computer Architecture*  
*Programming Language (Assembler)*  
*Operational Systems*  
*C Programming Language*  
*Physical Training*  
*Fundamentals of State and Law*  
*Numerical Analysis*  
*C++ Builder Programming Language*  
*Information Processing Management*  
*Pedagogical Ethics*  
*Communication and Informational Technologies in Education*  
*Man-Computer Interaction*  
*Multimedia Technologies*  
*Web Programming*  
*Management of School Activities*

*Computer Networks*  
*Java Programming Language*  
*Didactics of Informatics*  
*Pedagogical Training*

