Biophysics

Educational level (Bachelor/Master): **Master**

Programme start academic year: **2025/2026**

Programme title and code of specialty: **051202.01.7 - Biophysics**

Mode of study (full time/part time): **Full time**

Specialization: **051202.01.7 - Biophysics**

Language of study: **Հայերեն**

General educational component

Chair code	Name of educational module	Credits
0309	Information Technologies in Speciality -2	3
0709	Research Planning and Methods	3
1602	English Language -2	3
1604	Գերմաներեն լեզու-2	3
1705	Russian-2	3
1608	Ֆրանսերեն լեզու-2	3
1602	English Language -1	3
1604	Գերմաներեն լեզու – 1	3
1608	Ֆրանսերեն լեզու - 1	3
1705	Russian-1	3

Professional educational component

Chair code	Name of educational module	Credits
0414	Mathematical Models in Biology	6

Chair code	Name of educational module	Credits
0701	Biophysical and Physicochemical Methods in Studies of Biomolecules	6
0701	Effect of Physical Factors on Biosystems	3
0701	Biophysical Effect of Irradiation	3
0701	Special Chapters on Molecular and Cellular Biology (Molecular Endocrinology)	6
0309	Modern Challenges of Specialty	3
0701	Modern Challenges of Specialty	3
0701	Molecular Mechanisms of Organ-systems' Activity	3
0701	Biophysics of Complex Systems	6
0701	Special Chapters on Medical Biophysics	6
0701	Selected Chapters on Biophysics	3

Chair code	Name of educational module	Credits
0701	Dynamic Properties of Globular Proteins	3
0701	Molecular Mechanisms of Nervous Impulse Transfer	3
0701	Biophysics of Membrane Processes	6
0701	Binding of Ligands to Macromolecules in Equilibrium Conditions	6
0701	Spectroscopy of Biomolecules	6
0701	Կենսապոլիմերների տարածական կազմավորումը	6
0701	Stereodynamics of Biomacromolecules	3
0701	Molecular Immunology	3
0701	Biophysics of Photobiological processes	3
0701	Conformational Transitions in Nucleic Acids	3

Other educational modules

Chair code	Name of educational module	Credits
0701	Scientific Seminar	3
0701	Professional Internship	6
0701	Master's Thesis	24

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