



ԵՐԵՎԱՆԻ ՊԵՏԱԿԱՆ ՀԱՄԱԼՍԱՐԱՆ

YEREVAN STATE UNIVERSITY

ЕРЕВАНСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

Genomics and medical cytogenetics

Type: **Master**

Programme academic year: **2025/2026**

Speciality: **051101.15.7 - Biology**

Mode of study: **Full time**

Specialisation: **051101.15.7 - Genomics and medical cytogenetics**

Language of study: **Հայերեն**

Qualification awarded: **Master of Biology**

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	6

Professional educational component

Chair code	Name of educational module	Credits
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0703	Ecological Problems of the RA and Study and Conservation of Biodiversity	6
0708	Ecological Problems of the RA and Study and Conservation of Biodiversity	6
0704	Special Chapters of Biomedicine	6
0706	Special Chapters of Biomedicine	6
0708	Data Analysis	3
0707	Modern Challenges of Specialty	3
0707	Cellular, Genomic and Post-Genomic Technologies	3
0707	Genomics and Personalized Medicine	3
0707	Genetic Analysis in Medicine, Forensics and Genealogy	6
0707	Molecular Biology and Pathology of The Cell	6
0707	Molecular Cytogenetics, its Application in Medicine	6
0707	Genetic Engineering and Its Contribution to Medicine	3

Chair code	Name of educational module	Credits
0707	Behavioral Genetics	3
0707	Plant Genomics	3
0707	Genetics of Aging and Longevity	3
0707	Application of Statistical Methods in Genetics	3
0707	Medical Genetics	6
0707	Biomarkers of Genomic Instability	6
0707	Մոլեկուլային մուտագենեզ և գենոմի խմբագրում	6
0707	Analysis and Application of Genetic Data	6
0707	Genomes and Genomics	3
0707	Pharmacogenetics and Pharmacogenomics	3

Other educational modules

Chair code	Name of educational module	Credits
0707	Scientific Seminar	12
0707	Professional Practice	6
0707	Master's Thesis	24

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