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YEREVAN STATE UNIVERSITY

ЕРЕВАНСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

Applied Microbiology

Type: **Master**

Programme academic year: **2025/2026**

Speciality: **051101.13.7 - Biology**

Mode of study: **Full time**

Specialisation: **051101.13.7 - Applied Microbiology**

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 -1	4
1604	Գերմաներեն լեզու - 1	4
1705	Russian-1	6
1608	Ֆրանսերեն լեզու - 1	4
1602	English Language -2	4
1604	Գերմաներեն լեզու-2	4
1608	Ֆրանսերեն լեզու-2	4
1705	Russian-2	3

Professional educational component

Chair code	Name of educational module	Credits
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0709	Microbial Biotechnology	6
0709	Modern Challenges of Specialty	3
0709	Principles of Physiology and Biochemistry of Microorganisms	3
0709	From Basic Research to Industry: Practice and Prospects	6
0709	Analytical Methods in Microbiology	3
0709	Bioprocess Regulation	3
0709	Organic Waste and Wastewater Processing Technologies	6
0709	Biomass and Bioenergy	6
0709	Enzymology and Industrial Microbiology	6
0709	Innovation, Business Modeling and start up	3

Chair code	Name of educational module	Credits
0709	Alternative and Renewable Energy and Energy Safety	3
0709	Modern Applied Microbiology	3
0709	Microbes as Bioindicators	3
0709	Fungal Biotechnology	3
0709	Agrobiotechnology and Food Microbiology	6
0709	Environmental Microbiology	6
0709	Կենսանվտանգության հիմունքներ	6
0709	Chromatography Methods	6
0709	Innovative Methods in Microbiological Productions	3
0709	Bioaccumulation and Biodegradation	3

Other educational modules

Chair code	Name of educational module	Credits
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0709	Scientific Seminar	3
0709	Professional Practice	6
0709	Master's Thesis	24

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