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YEREVAN STATE UNIVERSITY

ЕРЕВАНСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

Mathematics

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

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

Programme title and code of specialty: **056101.01.6 - Mathematics**

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

Specialization: **056101.01.6 - Mathematics**

Language of study: **Հայերեն**

Qualification awarded: **Mathematics**

General educational component

Chair code	Name of educational module	Credits
1602	English-2	2
1302	Philosophy	2
0708	Fundamentals of Ecology and Nature Protection	2
1106	History of Armenia 2	2
1106	History of Armenia 1	2
1705	Russian Language-2	2
1608	French-2	2
1205	Chinese-2	2
1803	Turkish-2	2
1604	German-2	2
1401	Armenian Language and Speech Culture -1	2
1705	Russian Language-1	2
1401	Armenian Language and Speech Culture -2	2

Chair code	Name of educational module	Credits
0002	Civil Defense and First Medical Aid in Emergency Situations	2
1608	French-1	2
1205	Chinese-1	2
1803	Turkish-1	2
1604	German-1	2
1602	English-1	2

Chair code	Name of educational module	Credits
	Media Literacy	2
	Critical and Creative Thinking	2
1207	Fundamentals of Political Science	2
1311	Fundamentals of Logic	2
1007	Fundamentals of Economics	2
0000	Fundamentals of Information Technology Applications	2
2203	Fundamentals of Sociology	2
1705	Russian Language-3	2
1107	Fundamentals of Cultural Studies	2
1602	English-3	2
1308	Fundamentals of Psychology	2
1306	Communication Skills	2
2101	Fundamentals of Religious Studies	2
0105	Applied Statistics	6
1901	Fundamentals of Law	2
1005	Fundamentals of Business	2

Chair code	Name of educational module	Credits
0604	Modern Concepts of Natural Science	2
1302	Fundamentals of Ethics	2

Professional educational component

Chair code	Name of educational module	Credits
0112	Mathematical Analysis-4	9
0112	Partial Differential Equations	6
0105	Mathematical Statistics	6
0112	Optimal Methods	6
0112	Functional Analysis	6
0105	Probability Theory-2	6
0112	Numerical Analysis	6
0105	Probability Theory-1	6
0112	Complex Analysis	6
0112	Real Analysis	6
0104	Differential Geometry	6
0112	Ordinary differential equations	9
0112	Mathematical Analysis-1	9
0104	Topology	3
0102	Programming (Python)	6
0112	Mathematical Analysis-3	9
0104	Algebra-3	6
0309	Modern Programming Languages	6
0112	Mathematical Analysis-2	9

Chair code	Name of educational module	Credits
0104	Algebra-2	6
0104	Discrete Mathematics	3
0104	Algebra-1	6
0108	Computer Skills	3
0104	Analytical Geometry	6

Chair code	Name of educational module	Credits
0102	Elements of Algorithm Theory	6
0112	Variational methods for solving differential equations	6
0105	Applied Statistics	6
0105	Bases of Random Processes	6
0112	Operator Equations	6
0104	Additinal Chapters of Geometry	2
0104	Matrix Normal Forms and Polynomial Matrices	6
0112	Advanced topics in Mathematical Analysis	6
0112	Basics of Ergodic Theory	3
0104	Abstract Albegra	3
0000	Professional Internship	3
0112	Spectral Theory of Differential Operators	3
0104	Mathematical Logic	3
0105	Basics of Stachastic Geometry	3
0105	Stochastic Tomography	3
0112	Nonlinear Partial Differential Equations	9

Other educational modules

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