ԵՐԵՎԱՆԻ ՊԵՏԱԿԱՆ ՀԱՄԱԼՍԱՐԱՆ
YEREVAN STATE UNIVERSITY
ЕРЕВАНСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

Applied statistics and data science

Type: **Bachelor**

Speciality: **056201.02.6 - Statistics**

Specialisation: **056201.02.6 - Applied statistics and data science**

Qualification awarded: **Bachelor of Applied Statistics and Data Science**

Programme academic year: **2025/2026**

Mode of study: **Full time**

Language of study: **Հայերեն**

General educational component

Chair code	Name of educational module	Credits
1604	German-2	2
1302	Philosophy	3
0708	Basics of Ecology and Nature Protection	2
1106	History of Armenia 2	2
1106	History of Armenia 1	2
1705	Russian Language-2	2
0002	Civil Defense and First Medical Aid in Emergency Situations	2
1608	French-2	2
1205	Չինարեն-2	2
1803	Turkish-2	2
1401	Armenian Language and Speech Culture -1	2
1603	English-2	2

Chair code	Name of educational module	Credits
1401	Armenian Language and Speech Culture -2	2
1608	French-1	2
1205	Չինարեն-1	2
1803	Turkish-1	2
1604	German-1	2
1603	English-1	2
1705	Russian Language-1	2

Chair code	Name of educational module	Credits
	Մեդիագրագիտություն	2
	Քննական և ստեղծագործական մտածողություն	2
1207	Basics of Political Science	2
1311	Basics of Logic	2
1007	Basics of Economics	2
0000	Basics of Applying Information Technologies	2
2203	Basics of Sociology	2
1705	Russian Language-3	2
1107	Basics of Cultural Studies	2
1603	English-3	2
1308	Basics of Psychology	2
1306	Հաղորդակցման հմտություններ	2
2101	Basics of Religious Studies	2
1901	Basics of Law	2
1005	Basics of Business	2

Chair code	Name of educational module	Credits
0604	Modern Concepts of Natural Sciences	2
1302	Basics of Ethics	2

Professional educational component

Chair code	Name of educational module	Credits
0105	Probability Theory	6
0112	Optimal Methods	6
0105	Machine Learning-2	6
0105	Applied Statistics	6
0105	Machine Learning-1	6
0105	Mathematical Statistics	6
0105	Data Science	3
0102	Elements of Algorithm Theory	6
0112	Real Analysis	6
0102	Programming (Python)	6
0102	Databases	3
0112	Mathematical Analysis-1	9
0112	Mathematical Analysis-4	9
0105	Discrete Probabilities	6
0112	Mathematical Analysis-3	9
0309	Modern Programming Languages	6
0112	Mathematical Analysis-2	9
0104	Algebra-2	6
0104	Discrete Mathematics	3

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

Chair code	Name of educational module	Credits
0107	Econometrics	6
0112	Functional Analysis	6
0105	Statistical Programming	3
0107	Financial Markets	3
0000	Professional practice	3
0112	Signal Processing	6
0105	Bayesian Statistics	6
0112	Natural Language Processing	6
0105	Time Series	6
0105	Deep learning	6
0105	Random Processes	6
0112	Image processing	6
0102	Game Theory	6
0105	Multivariate statistics	3
0105	Stochastic Geometry	3

Other educational modules

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