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YEREVAN STATE UNIVERSITY

ЕРЕВАНСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

Applied statistics and data science

Type: **Master**

Programme academic year: **2025/2026**

Speciality: **056201.04.7 - Statistics**

Mode of study: **Full time**

Specialisation: **056201.04.7 - Applied statistics and data science**

Language of study: **Հայերեն**

Qualification awarded: **Master of Statistics**

General educational component

Chair code	Name of educational module	Credits
0105	Information Technologies in Specialization	3
0105	Research Planning and Methods	3
1603	English	3
1604	German	3
1705	Russian	3
1608	French	3

Professional educational component

Chair code	Name of educational module	Credits
0105	Optimization	3
0105	Econometrics	3
0105	Linear algebra and applications	6
0105	Applied Statistics	6

Chair code	Name of educational module	Credits
0105	Data Engineering	3
0105	Python Programming language	3
0105	Bayesian statistics	6
0105	Time Series	3
0105	Multivariate Statistics	3
0105	Machine Learning-1	6
0105	Information theory	3
0105	Image processing	3

Chair code	Name of educational module	Credits
0105	Machine Learning-2	6
0105	Generative AI	3
0105	Graph neural networks	3
0105	Deep learning	3
0105	Natural Language Processing	3
0105	Digital signal processing	3
0105	ML Product Management	3
0105	Machine Learning in Healthcare	3
0105	Additional chapters of statistics	3
0105	Reinforcement learning	3

Other educational modules

Chair code	Name of educational module	Credits
0105	Scientific Seminar	3

Chair code	Name of educational module	Credits
0105	Professional Practice	6
0105	Master's Thesis	24

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