

ITMO

SUMMER SCHOOL

in Machine Learning

2023

WHEN?

JULY 17-28, 2023

FEES?

22,000 RUB

ECTS?

Yes! 3 ECTS
+ ITMO Official Certificate

APPLICATION DEADLINE?

May 15, 2023

APPLICATION DOCUMENTS?

- Valid copy of your passport
 - CV
- please forward
to Ms. Ekaterina Rassolenko at
e.rassolenko@itmo.ru

REQUIREMENTS?

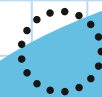
programming language skills (Python / C++/ Java)
proficiency in the English language (B1 and higher)

REQUIRED SOFTWARE?

Anaconda, IDE for Python
(that supports Jupyter notebooks)



itmo



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in Machine Learning 2023

SCHEDULE

July 17-28, 2023



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July 17, Monday	Introduction to Machine Learning	10:00 – 14:30
July 18, Tuesday	Basic Models	10:00 – 14:30
July 19, Wednesday	Linear Models. Support Vector Machine	10:00 – 14:30
July 20, Thursday	Probabilistic Classifiers. Trees and Ensembles	10:00 – 14:30
July 21, Friday	Model Selection and Optimization	10:00 – 14:30
July 24, Monday	Clustering	10:00 – 14:30
July 25, Tuesday	Introduction to Neural Networks. Neural Networks and Optimization	10:00 – 14:30
July 26, Wednesday	Convolutional Neural Networks. Recurrent Neural Networks	10:00 – 14:30
July 27, Thursday	Dimensionality Reduction	10:00 – 14:30
July 28, Friday	Noise Filtering and Missing Values Completion	10:00 – 14:30

All classes are scheduled according to Moscow time (GMT +3).