

EECS TRACKS

Artificial Intelligence and Decision Making Track Subjects

Application Communication-Intensive in the Major (Application_CIM) or AI+D Advanced Undergraduate Subjects (AI+D_AUS)

18.404	Theory of Computation	12
6.3730[[]]	Statistics, Computation and Applications	12
6.4200[[]]	Robotics: Science and Systems (CI-M)	12
6.4210	Robotic Manipulation (CI-M)	15
6.5151	Large-scale Symbolic Systems	12
6.5831	Database Systems	12
6.7411	Principles of Digital Communication	12
6.8301	Advances in Computer Vision (CI-M)	15
6.8371	Digital and Computational Photography	12
6.8611	Quantitative Methods for Natural Language Processing (CI-M)	15
6.8701	Computational Biology: Genomes, Networks, Evolution	12
6.8711[[]]	Computational Systems Biology: Deep Learning in the Life Sciences	12

Centers and (Application_CIM or AI+D_AUS)

One of the following:

6.1220[[]]	Design and Analysis of Algorithms	12
6.3000	Signal Processing	12
6.3100	Dynamical System Modeling and Control Design	12
6.3260[[]]	Networks	12
6.3720	Introduction to Statistical Data Analysis	12
6.3730[[]]	Statistics, Computation and Applications	12
6.3900	Introduction to Machine Learning	12
6.3950	AI, Decision Making, and Society	12
6.4100	Artificial Intelligence	12
6.4110	Representation, Inference, and Reasoning in AI	12
6.4120[[]]	Computational Cognitive Science	12
6.4200[[]]	Robotics: Science and Systems	12
6.4400	Computer Graphics	12
6.4590[[]]	Foundations of Information Policy (CI-M)	12

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6.8371	Digital and Computational Photography	12
6.8611	Quantitative Methods for Natural Language Processing	15
6.8701	Computational Biology: Genomes, Networks, Evolution	12
6.C35[[]]	Interactive Data Visualization and Society ¹	12
6.C571[[]]	Optimization Methods	12
9.660	Computational Cognitive Science	12
18.404	Theory of Computation	12

Plus one subject from the Application_CIM or AI+D_AUS offerings

¹ Students must also take a 6-unit Common Ground disciplinary module to receive credit for this subject.