

Statistical Science

Number of students allowed: a few

Course Code	Course	Credit	Term	Day & Period	Location
40STS001**	Introduction to Time Series and Spatial Modeling	2	Inquiry required	Inquiry required	Inquiry required
40STS002**	Introduction to Multivariate Analysis	2	Inquiry required	Inquiry required	Inquiry required
40STS003**	Introduction to Probability and Stochastic Processes	2	Inquiry required	Inquiry required	Inquiry required
40STS004**	Introduction to Mathematical Statistics	2	Inquiry required	Inquiry required	Inquiry required
40STS005**	Introduction to Computational Mathematics	2	Inquiry required	Inquiry required	Inquiry required
40STS006**	Introduction to Statistical Machine Learning	2	Inquiry required	Inquiry required	Inquiry required
40STS007**	Introduction to Computational Inference	2	Inquiry required	Inquiry required	Inquiry required
40STS008**	Special Topics in Statistical Modeling	2	Inquiry required	Inquiry required	Inquiry required
40STS009**	Complex Systems Analysis	2	Inquiry required	Inquiry required	Inquiry required
40STS010**	Special Topics in Modeling 1	2	Inquiry required	Inquiry required	Inquiry required
40STS011**	Special Topics in Modeling 2	2	Inquiry required	Inquiry required	Inquiry required
40STS012**	Special Topics in Time Series Analysis	2	Inquiry required	Inquiry required	Inquiry required
40STS013**	Stochastic Modeling	2	Inquiry required	Inquiry required	Inquiry required
40STS014**	Special Course on Data Assimilation	2	Inquiry required	Inquiry required	Inquiry required
40STS015**	Basic Theory of Point Processes	2	Inquiry required	Inquiry required	Inquiry required
40STS016**	Applied Probability	2	Inquiry required	Inquiry required	Inquiry required
40STS017**	Multimedia Information Processing	2	Inquiry required	Inquiry required	Inquiry required
40STS018**	Spatial Statistics and Stochastic Geometry	2	Inquiry required	Inquiry required	Inquiry required
40STS019**	Genomic Data Analysis	2	Inquiry required	Inquiry required	Inquiry required
40STS020**	Topics in Sampling Theory	2	Inquiry required	Inquiry required	Inquiry required
40STS021**	Survey Design	2	Inquiry required	Inquiry required	Inquiry required
40STS022**	Machine Learning for Statistical Natural Language Processing	2	Inquiry required	Inquiry required	Inquiry required
40STS023**	Statistical Mathematics Seminar 1	1	Inquiry required	Inquiry required	Inquiry required
40STS024**	Statistical Mathematics Seminar 2	1	Inquiry required	Inquiry required	Inquiry required
40STS025**	Statistical Mathematics Seminar 3	1	Inquiry required	Inquiry required	Inquiry required
40STS026**	Statistical Mathematics Seminar 4	1	Inquiry required	Inquiry required	Inquiry required
40STS027**	Statistical Mathematics Seminar 5	1	Inquiry required	Inquiry required	Inquiry required
40STS028**	Special Topics in Statistical Inference and Mathematics 1	2	Inquiry required	Inquiry required	Inquiry required
40STS029**	Special Topics in Statistical Inference and Mathematics 2	2	Inquiry required	Inquiry required	Inquiry required
40STS030**	Statistical Computing	2	Inquiry required	Inquiry required	Inquiry required
40STS031**	Information Security	2	Inquiry required	Inquiry required	Inquiry required
40STS032**	Bayesian Computation	2	Inquiry required	Inquiry required	Inquiry required

**Statistical Science**

Number of students allowed: a few

Course Code	Course	Credit	Term	Day & Period	Location
40STS033**	Special Topics in Environmental Statistics	2	Inquiry required	Inquiry required	Inquiry required
40STS034**	Financial Statistics	2	Inquiry required	Inquiry required	Inquiry required
40STS035**	Longitudinal Data Analysis	2	Inquiry required	Inquiry required	Inquiry required
40STS036**	Special Topics in Biostatistics	2	Inquiry required	Inquiry required	Inquiry required
40STS037**	Application in Data Science	2	Inquiry required	Inquiry required	Inquiry required
40STS038**	Bayesian Uncertainty Quantification for Engineering Applications	2	Inquiry required	Inquiry required	Inquiry required
40STS039**	Statistical Inference	2	Inquiry required	Inquiry required	Inquiry required
40STS040**	Statistical Machine Learning	2	Inquiry required	Inquiry required	Inquiry required
40STS041**	Special Topics in Signal Processing	2	Inquiry required	Inquiry required	Inquiry required
40STS042**	Parametric Statistical Models	2	Inquiry required	Inquiry required	Inquiry required
40STS043**	Systems Optimization	2	Inquiry required	Inquiry required	Inquiry required
40STS044**	Stochastic Models	2	Inquiry required	Inquiry required	Inquiry required
40STS045**	Topics of Statistical Inference	2	Inquiry required	Inquiry required	Inquiry required
40STS046**	Irregular Statistical Theory	2	Inquiry required	Inquiry required	Inquiry required
40STS047**	Convex Analysis and Conic Optimization	2	Inquiry required	Inquiry required	Inquiry required
40STS048**	Topics in Computational Mathematics	2	Inquiry required	Inquiry required	Inquiry required
40STS049**	High Dimensional Probability and Statistics	2	Inquiry required	Inquiry required	Inquiry required
40STS050**	Mean Field Theory for Random System	2	Inquiry required	Inquiry required	Inquiry required
40STS051**	Introduction to Statistical Science	2	Inquiry required	Inquiry required	Inquiry required
40STS052**	Survival Analysis	2	Inquiry required	Inquiry required	Inquiry required
40STS053**	Topics in combinatorial optimization	2	Inquiry required	Inquiry required	Inquiry required
40STS054**	Advanced Spatial Statistics	2	Inquiry required	Inquiry required	Inquiry required
40STS055**	Differential Privacy	2	Inquiry required	Inquiry required	Inquiry required
40STS056**	Nonlinear Optimization for Large-scale Machine Learning	2	Inquiry required	Inquiry required	Inquiry required

**【Note】**

Please contact us for the lecture schedule and location.

Basically, if there are no participants of SOKENDAI students, above classes will not be opened to other students.

**【Contact】**

The Institute of Statistical Mathematics  
 10-3, Midori-cho Tachikawa, Tokyo, 190-8562 Japan  
 TEL: 050-5533-8514 E-mail: sokendai@list.ism.ac.jp