

Time Table for SCID 516 Biostatistics

Course Coordinator: Asst. Prof. Dr.Suntaree Unhapipat

Room: R503

Day: Wednesday

Time: 9:00 – 12:00 a.m. (Jan 8–May 14, 2025)

Week	Day	Topic	Lecturer
1	Jan 8, 2025	The scientific method and biostatistical analysis, introduce how to use packages in the lab	Suntaree
2	Jan 15, 2025	Principles and application of statistical methods to design experimental protocols, sample size and analyze data	Suntaree
3	Jan 22, 2025	Probability distributions	Suntaree
4	Jan 29, 2025	Statistical Inferences : Estimation and Hypothesis Testing I	Suntaree
5	Feb 5, 2025	Statistical Inferences : Estimation and Hypothesis Testing II	Suntaree
	Feb 12, 2025	Holiday (Makha Bucha Day)	
6	Feb 19, 2025	Statistical Inferences : Estimation and Hypothesis Testing III	Suntaree
7	Feb 26, 2025	Chi-square test, analysis of frequencies	Suntaree
8	Mar 5, 2025	Analysis of variance	Suntaree
9	Mar 12, 2025	Mid-term examination (Room MDL4)	Suntaree
10	Mar 19, 2025	Regression and correlation analysis	Suntaree
11	Mar 26, 2025	Regression and correlation analysis	Suntaree
12	Apr 2, 2025	Analysis of covariance	Suntaree
13	Apr 9, 2025	Probit analysis	Suntaree
	Apr 16, 2025	Holiday (Songkran Festival Day)	
14	Apr 23, 2025	Non-parametric statistics	Suntaree
15	Apr 30, 2025	Conferences: Application and Case Studies Course participants	Suntaree
16	May 7, 2025	Conferences: Application and Case Studies Course participants	Suntaree
17	May 14, 2025	Final examination (Room MDL4)	Suntaree