

List of Semester courses

1000 level courses (U)

Under Semesters			Under Quarters		
Code	Credits	Title	Code	Credits	Notes
1350	3	Elementary Statistics	135	5	GE, Topics are integrated more completely; simpler topics removed, more graphics and simulation
1430	4	Statistics for the Business Sciences	133	5	GE, Material added
1430H	4	Statistics for the Business Sciences	133H	5	GE, Material added
1450	3	Introduction to the Practice of Statistics	145	5	GE, Straight conversion

2000 level courses (U)

Under Semesters			Under Quarters		
Code	Credits	Title	Code	Credits	Notes
2450	3	Introduction to Statistical Analysis I	245	5	GE
2460H	3	Introduction to Statistical Analysis II	246H	4	
2480	3	Statistics for the Life Sciences	218	5	GE
2510.01	2	Statistics in the Sports World	201.XX	3	Straight conversion
2510.02	2	Statistics in the Environmental Sciences	201.XX	3	Never been offered

3000 level courses (U)

Under Semesters			Under Quarters		
Code	Credits	Title	Code	Credits	Notes
3450	2	Basic Statistics for Engineers	427/428	3+3	A conversion of 427/428, that has more of a design focus; cut down from 3460, GE
3460	3	Principles of Statistics for Engineers	427/428	3+3	A conversion of 427/428, that has more of a design focus, GE
3470	3	Introduction to Probability and Statistics for Engineers	427/428	3+3	A conversion of 427/428, GE

4000 level courses (U)

Under Semesters			Under Quarters		
Code	Credits	Title	Code	Credits	Notes
4193	1-3	Individual Studies	NEW		
4194	1-5	Group Studies	494		
4201	4	Introduction to Mathematical Statistics I	420	5	Material added to course to modernize it
4202	4	Introduction to Mathematical Statistics II	421	5	Material added to course to modernize it, GE
4288	2	Bridge course for Introduction to Probability and Statistics for Engineering and the Sciences II	428	3	Covers Stat 428 for those who need (they would take some of Stat 3470)
4690	1-4	Undergraduate topics in Statistics	NEW		No approval needed to offer one-off undergraduate courses
4998	1-5	Undergraduate research	NEW		

5000 level courses (UG)

Under Semesters			Under Quarters		
Code	Credits	Title	Code	Credits	Notes
5299	2	Intermediate Data Analysis Bridge Course	529	3	Bridges 528->5302; Covers two sample and ANOVA (Join second half of 5301 lectures)
5301	4	Intermediate Data Analysis I	528/529	3+3	Merging of content of 528 and 529 -- 528 was not required in quarter version of course, GE
5302	3	Intermediate Data Analysis II	529/530	3+4	Merging of content of 529 and 530
5510	3	Statistical Foundations of Survey Research	551	4	Never been offered under quarters
5550	3	Introductory Time Series Analysis	NEW		
5740	2	Introduction to SAS Software	574	3	Straight conversion
5760	3*	Statistical Consulting Support from the SCS	NEW		Was previously offered as Stat 893C

6000 level courses (G)

Under Semesters			Under Quarters		
Code	Credits	Title	Code	Credits	Notes
6030	2	Teaching of Statistics	603	3	Straight conversion
6040	2	Mentored Teaching Experience in Statistics	604	3	Straight conversion
6030	3	Early Start in Statistics	602	5	Straight conversion
6193	1-4	Individual Studies in Foundational Graduate Topics in Statistics	693	1-5	
6194	1-5	Group Studies in Foundational Graduate Topics in Statistics	694	1-5	
6201	4	Mathematical Statistics	520/521	5+5	Re-envisioned as single semester 4 credit hour course. Material was removed
6301	3	Probability for Statistical Inference	610	5	Straight conversion
6302	3	Theory of Statistical Analysis	623	5	Straight conversion
6410	4	Design and Analysis of Experiments	641	5	Material added to modernize the course
6450	4	Applied Regression Analysis	645	5	Material added to modernize the course
6510	3	Survey Sampling Methods	651	4	Material was added
6520	3	Applied Statistical Analysis with Missing Data	652	4	Material was added
6530	2	Introduction to Spatial Statistics	631	3	Straight conversion
6540	3	Applied Stochastic Processes	632	3	Material added to modernize the course. It is now required in one track of Biostatistics PhD
6550	2	Statistical Analysis of Time Series	635	3	Straight conversion
6560	3	Applied Multivariate Analysis	656	5	Straight conversion
6570	2	Applied Bayesian Analysis	625	4	Re-envisioned as a two semester hour required course for MAS/PhD - material was removed
6605	3	Applied Survival Analysis	BIOSTAT 605	5	Straight conversion

6610	3	Applied Nonparametric Statistics	661	5	Straight conversion
6615	2	Design and Analysis of Clinical Trials	BIOSTAT 615	3	Straight conversion
6620	2	Environmental Statistics	662	3	Straight conversion
6625	3	Statistical Analysis of Genetic Data	NEW		
6640	3	Principles of Statistical Quality Control	664	5	Straight conversion
6650	2	Discrete Data Analysis	665	5	Re-envisioned as a two semester hour required course for MAS degree - material was removed
6690	1-4	Graduate topics in Statistics	NEW		New general topics course - No approval needed to offer one-off 6000 level graduate courses
6730	2	Introduction to Computational Statistics	673	3	Straight conversion
6740	3	Data Management and Graphics for Statistical Analyses	674/675	2+2	Converted, with some material removed
6750	2	Statistical Consulting and Collaboration	600/601	2+2	Re-envisioned as a two semester hour course. Material was removed.
6801	4	Statistical Theory I	620 + half of 621	4 + half of 4	Straight conversion of a sequence
6802	4	Statistical Theory II	half of 621 + 622	half of 4 + 4	Straight conversion of a sequence
6860	2	Foundations of the Linear Model	NEW		
6910	4	Applied Statistics I	641	5	Modernized, with material added
6950	4	Applied Statistics II	645	5	Modernized, with material added
6998	1-5	Research in Foundational Graduate Topics in Statistics	NEW		

7000 level courses (G)

Code	Under Semesters		Under Quarters		Notes
	Credits	Title	Code	Credits	
7201	3	Theory of Probability	722/723	4+4	Some material has been removed; other material has been moved to Stat 7540
7301	3	Advanced Statistical Theory I	822	3	Modernized, with material added
7302	3	Advanced Statistical Theory II	821	3	Modernized, with material added
7303	3	Bayesian Analysis and Decision Theory	820	3	Modernized, with material added
7410	3	Theory of the Linear Model	742	4	Modernized, with material added
7430	3	Generalized Linear Models	743	3	Modernized, with material added
7450	3	Multiple Comparisons Procedures	745	3	Modernized, with enhanced or added material
7460	3	Advanced Design and Analysis of Experiments	746	3	Modernized, with enhanced or added material
7470	3	Advanced Longitudinal Data Analysis	726	3	Modernized, with enhanced or added material
7540	3	Theory of Stochastic Processes	832	3	Modernized, with material added
7550	3	Time Series Theory and Methods	NEW		

7560	3	Multivariate Analysis	755	3	Modernized, with material added
7610	3	Theory of Nonparametric Statistics	761	3	Modernized, with material added
7620	3	Elements of Statistical Learning	760	3	Modernized, with material added
7630	3	Nonparametric Function Estimation	763	3	Modernized, with material added
7640	3	Order Statistics	764	3	Modernized, with material added
7730	3	Advanced Computational Statistics	773	3	Modernized, with material added
7755	2	Biostatistical Collaboration	Biostat 709	2 or 3	Straight conversion of the longer version of the Quarter course
7789	3	Survey Research Practicum	789	5	Part of Graduate interdisciplinary specialization in survey research
7998	1-4	Intermediate Graduate Research in Statistics			
7999	1-18	Masters Thesis Research in Statistics			

8000 level courses (G)

Code	Under Semesters		Under Quarters		Notes
	Credits	Title	Code	Credits	
8010	1	Seminar on Research Topics in Statistics	801	2	Straight conversion
8193	1-5	Individual Studies in Advanced Graduate Topics in Statistics	893	1-5	Straight conversion
8194	1-5	Group Studies in Advanced Graduate Topics in Statistics	894	1-5	Straight conversion
8310	3	Large Sample Theory	888	3	Modernized, with enhanced or added material
8410	3	Capstone Applications	NEW		
8460	3	Special Topics in Design of Experiments	847	3	Modernized, with enhanced or added material
8530	3	Spatial and Spatio-Temporal Statistics	829	3	Modernized, with enhanced or added material
8540	3	Topics in Advanced Stochastic Processes	NEW		
8570	3	Advanced Bayesian Analysis: Modeling	825	3	825 has been split into two courses
8575	3	Advanced Bayesian Analysis: Computation	825	3	825 has been split into two courses
8605	3	Advanced Survival Analysis			
8625	3	Statistical Methods for Analyzing Genetic Data	833	3	Modernized, with enhanced or added material
8750.xx*	1	Research Group in XX	NEW		
8810-8840	3	Advanced Topics in Statistics	881/882	3	More hours under semesters
8850-8860	3	Advanced Topics in Biostatistics	881/882	3	More hours under semesters
8891	1	Interdisciplinary Seminar	891		Straight conversion
8895	1	Statistics Seminar	895		Straight conversion
8999	1-18	PhD Dissertation Research in Statistics	999	1-18	