

Course Matrix Mapped to Program Outcomes

Goal 1: Understand the fundamentals of probability theory

Goal 2: Understand statistical and inferential reasoning

Goal 3: Become proficient at statistical computing

Goal 4: Understand the fundamentals of statistical modeling and understand its limitations

Goal 5: Become skilled in the description, interpretation and exploratory analysis of data by graphical and other means

Goal 6: Learn how to effectively communicate statistics

		Learning Outcomes					
	Course	Goal 1	Goal 2	Goal 3	Goal 4	Goal 5	Goal 6
Core A: Math. Requirements	Math 325	3	1	1	2	1	2
	Math 425	2	3	1	2	1	2
Core B: Statistics Requirements	Stat 325	2	2	3	1	3	3
	Stat 326	1	3	3	3	2	3
	Stat 430/530	1	3	3	3	2	3
	Stat 440	1	3	3	2	2	3
Core C: Statistics Electives	Stat 330	1	2	2	3	2	3
	Stat 450/550	1	3	2	2	2	3
	Stat 460/560	1	2	3	2	2	3
	Stat 535	1	2	2	3	2	3
	Stat 545	1	2	3	3	2	3

Ranking: 1 = base coverage 2 = substantial coverage 3 = extensive coverage