MASTER OF SCIENCE IN ACTUARIALSCIENCE
DEGREE PLANNINGSHEET

T-Transfer Credit
M-Maryville Credit

Student Name_____ I.D.#_____ Registrar Signature:_____

ACTUARIAL SCINCE REQUIRED COURSES (12 Credits)	M	T		M	T
MATH 505 Statistical Modeling I (3)			MATH 570 Probability I (3)		
ACSC 611 Derivative Market (3)			MATH 571 Probability II (3)		
ACSC 521 Actuarial Modeling I (3)			MATH 572 Mathematical Statistics (3) VEE		
ACSC 522 Actuarial Modeling II (3)			DSCI 501 Math Modeling (3)		
			DSCI 502 R Programming (3)		
			DSCI 503 Python (3)		
ACTUARIAL SCIENCE ELECTIVES (24 Credits of any ACSC, MATH, DSCI 500+ level)			DSCI 504 SQL (3)		
ACSC 510 Risk Theory (3)			DSCI 507 SAS Programming (3)		
ACSC 514 Theory of Interest (3)			DCSI 508 Machine Learning (3)		
ACSC 515 Financial Mathematics (3)			DSCI 512 Predictive Modeling (3)		
ACSC 516 Corporate Finance I (3) VEE			DSCI 609 Forecasting Principles (3)		
ACSC 526 Corporate Finance II (3)			DSCI 613 NoSQL Database (3)		
ACSC 594 Actuarial Seminar I (3)			DSCI 614 Text Mining (3)		
ACSC 595 Actuarial Seminar II (3)			DSCI 617 Big Data Analytics (3)		
DSCI 599/699 Internship (3)			DSCI 618 Experimental Design (3)		
ACSC 607 Loss Models (3)			DSCI 619 Deep Learning (3)		
ACSC 610 Introduction to ERM (3)			DSCI 624 Data Visualization (3)		
ACSC 695 Actuarial Models III (3)			DSCI 625 Blockchain (3)		
ACSC 696 Statistical Modeling III (3)					
ACSC 697 Thesis/Research (3)					
			REMARKS:		
			1. Last 30 credits from Maryville University		
			2. Total 36 credits for graduation		