

Bachelor of Science in Statistics Major in Actuarial Science (BSSTT)

COURSE CHECKLIST AND CURRICULAR MAP

Code Description

I-Introductory

The skill or outcome is presented for the first time, often in lower-level courses with basic formative assessment.

E-Enabling

The skill or outcome is developed further or at a deeper level, potentially using formative assessment.

D-Demonstrative

The skill or outcome is evaluated at a mastery level, typically with summative assessment or collected artifacts for final evaluation.

First Trimester, Year 1					
Course Code	Course Title	Units	Prerequisite	Program Learning Outcome	
MTH101A	Foundation Course in Mathematics	5		PLO1, PLO3	Introductory
STT200A	Mathematical Reasoning	3		PLO1, PLO3, PLO5, PLO6, PLO8	Introductory
STT201A	Exploratory Data Analysis	3		PLO1 - PLO8	Introductory
FUNDBIO	Fundamentals of Biology	3		PLO1, PLO3	Introductory
LCSONE	Lasallian Studies 1	(1)		PLO3	Introductory
LASARE1	Lasallian Recollection 1	0		PLO1, PLO3	Introductory
NSTP101	National Service Training Program-General Orientation	0		PLO1 - PLO4	Introductory
	Total Units	14(1)			

Second Trimester, Year 1					
Course Code	Course Title	Units	Prerequisite	Program Learning Outcome	
LCC 01	LCC Generic Code 01	3		PLO1, PLO3	Introductory
LCC 02	LCC Generic Code 02	3		PLO1, PLO3	Introductory
MTRPOG1	Computational Thinking in Python	3		PLO1, PLO3, PLO5	Introductory

MTH201A	Mathematical Analysis 1	5	MTH101A	PLO1, PLO3, PLO5	Introductory
STT205A	Introduction to Inferential Statistics	3	STT200A	PLO1 - PLO4	Introductory
SAS1000	Student Affairs Services 1000	0		PLO1, PLO3	Introductory
NSTPCW1/ LT1/R01	CWTS Formation Phase/ Military Science 1/ ROTC Common Module	(3)		PLO1 - PLO4	Introductory
	Total Units	17(3)			

Third Trimester, Year 1					
Course Code	Course Title	Units	Prerequisite	Program Learning Outcome	
LCC 03	LCC Generic Code 03	3		PLO1, PLO3	Introductory
LCC 04	LCC Generic Code 04	3		PLO1, PLO3	Introductory
MTH202A	Mathematical Analysis 2	5	MTH201A	PLO1, PLO3, PLO5	Introductory
MTH210A	Introduction to Set Theory	3		PLO1, PLO3, PLO5	Introductory
NSTPCW2/ LT2/R02	CWTS Community Service Phase/ ROTC Military Science 2/ Service Oriented Module	(3)		PLO1 - PLO4	Introductory
	Total Units	14(3)			

First Trimester, Year 2					
Course Code	Course Title	Units	Prerequisite	Program Learning Outcome	
LCC 05	LCC Generic Code 05	3		PLO1, PLO3	Introductory
PE1CRDO	Cardio Fitness	2		PLO3	Introductory
STT202A	Matrix Theory	3	MTH202A	PLO1, PLO3, PLO5, PLO6, PLO8	Introductory
STT220A	Statistical Theory 1	3	STT200A, MTH202A	PLO1, PLO3, PLO5, PLO6	Enabling

STT300A	Theory of Interest	3	MTH202A	PLO1, PLO3, PLO5	Introductory
LCLSTWO	Lasallian Studies 2	(1)	LCLSONE	PLO3	Introductory
LASARE2	Lasallian Recollection 2	0	LASARE1	PLO1, PLO3	Introductory
	Total Units	14(1)			

Second Trimester, Year 2					
Course Code	Course Title	Units	Prerequisite	Program Learning Outcome	
LCC 06	LCC Generic Code 06	3		PLO1, PLO3	Introductory
PE2FTEX	Functional Exercise	2	PE1CRDO	PLO3	Introductory
STT203B	Statistical Packages	3	STT205A	PLO1- PLO8	Introductory
STT222A	Statistical Theory 2	3	STT220A	PLO1, PLO3, PLO5, PLO6	Enabling
STT280A	Introduction to Sampling Theory	3	STT220A	PLO1- PLO8	Enabling
STT302A	Life Contingencies 1	3	STT220A, STT300A	PLO1, PLO3, PLO5- PLO8	Enabling
SAS2000	Student Affairs Services 2000	0	SAS1000	PLO1, PLO3	Introductory
	Total Units	17			

Third Trimester, Year 2					
Course Code	Course Title	Units	Prerequisite	Program Learning Outcome	
LCC 07	LCC Generic Code 07	3		PLO1, PLO3	Introductory
LCC 08	LCC Generic Code 08	3		PLO1, PLO3	Introductory
PETHREE	Individual and Dual Sports and/or Social Dance	2	PE2FTEX	PLO3	Introductory
STT224A	Statistical Theory 3	3	STT222A	PLO1, PLO3, PLO5, PLO6, PLO7	Enabling
STT241A	Linear Models	4	STT202A, STT222A	PLO1- PLO8	Enabling
STT304A	Life Contingencies 2	3	STT302A	PLO1, PLO3, PLO5- PLO8	Enabling
	Total Units	18			

First Trimester, Year 3					
Course Code	Course Title	Units	Prerequisite	Program Learning Outcome	
LCC 09	LCC Generic Code 09	3		PLO1, PLO3	Introductory
INTOECO	Economics	3		PLO1, PLO3	Introductory
STT243A	Experimental Designs	4	STT241A, STT261A(c)	PLO1- PLO8	Enabling
STT261A	Multivariate Analysis	4	STT241A, STT243A(c)	PLO1- PLO8	Enabling
STT263A	Time Series Analysis	3	STT241A	PLO1- PLO8	Enabling
LCLSTRI	Lasallian Studies 3	(1)	LCLSTWO	PLO3	Introductory
LASARE3	Lasallian Recollection 3	0	LASARE2	PLO1, PLO3	Introductory
	Total Units	17(1)			

Second Trimester, Year 3					
Course Code	Course Title	Units	Prerequisite	Program Learning Outcome	
LCC 10	LCC Generic Code 10	3		PLO1, PLO3	Introductory
PEDFOUR	Team Games or Dance	2	PE2FTEX	PLO3	Introductory
ACCBA1	Fundamentals of Accounting	3		PLO1, PLO3	Introductory
STT226A	Bayesian Statistics	3	STT222A, STT241A	PLO1-PLO8	Enabling
STT245A	Categorical Data Analysis	3	STT241A	PLO1-PLO8	Enabling
STT306A	Risk Theory	3	STT304A	PLO1, PLO3, PLO5-PLO8	Enabling
SAS3000	Student Affairs Services 3000	0	SAS2000	PLO1, PLO3	Introductory
	Total Units	17			

Third Trimester, Year 3					
Course Code	Course Title	Units	Prerequisite	Program Learning Outcome	
LCC 11	LCC Generic Code 11	3		PLO1, PLO3	Introductory
LCC 12	LCC Generic Code 12	3		PLO1, PLO3	Introductory
ACCTBA2	Accounting for Partnerships and Corporation	3	ACCTBA1	PLO1, PLO3	Introductory
STT265A	Nonparametric Statistics	3	STT241A	PLO1-PLO8	Enabling
STT282A	Survey Operations	3	STT280A	PLO1-PLO8	Demonstrative
STT321A	Statistical Quality Control	3	STT222A	PLO1-PLO8	Enabling
	Total Units	18			

First Trimester, Year 4					
Course Code	Course Title	Units	Prerequisite	Program Learning Outcome	
LCC 13	LCC Generic Code 13	3		PLO1, PLO3	Introductory
CORPFIN	Corporate Finance	3	ACCTBA2	PLO1, PLO3	Introductory
STT308A	Selected Topics in Actuarial Science	3	STT304A	PLO1-PLO8	Enabling
STT320A	Marketing Research	3	STT261A	PLO1-PLO8	Demonstrative
THSMAT1	Thesis Writing 1	3		PLO1-PLO8	Demonstrative
	Total Units	15			

Second Trimester, Year 4					
Course Code	Course Title	Units	Prerequisite	Program Learning Outcome	
PRCSTAT	Practicum	3		PLO1-PLO8	Demonstrative
THSSTT2	Thesis Writing 2	3	THSSTT1	PLO1-PLO8	Demonstrative
	Total Units	6			

Third Trimester, Year 4					
Course Code	Course Title	Units	Prerequisite	Program Learning Outcome	
LCC 14	LCC Generic Code 14	3		PLO1, PLO3	Introductory
LCC 15	LCC Generic Code 15	3		PLO1, PLO3	Introductory
	Total Units	6			