

Core Competency Index for the Undergraduate Students of the Department of Statistics

Educational Purpose	Core Competency	Core Competency Weight	Learning Objectives / Assessment Criteria																
			quantitative analytical skills	logical and analytical thinking	strategic thinking	critical thinking	prompt reasoning	flexible reaction and adaptability	creativity	persistence	communication skill	effective listening skills	sympathy	teamwork	ability to accept constructive criticism	confidence	Self –Management	professional knowledge	
<p>To cultivate multidimensional managerial professionals with respect to statistical disciplines and business knowledge:</p> <ul style="list-style-type: none"> ●To construct fundamental statistical understanding ●To cultivate logical thinking ●To cultivate an apprehension of the application and practices of statistical methods ●To develop a familiarity with statistical software and programming languages ●To develop communication, teamwork skills, and knowledge of social responsibility. ●To establish a second professional specialty ●To equip students with fundamental business management knowledge 	To equip with fundamental mathematical abilities	20%	∨	∨			∨	∨			∨					∨	∨	∨	
	To be familiar with theoretical derivation for statistical methods	20%	∨	∨			∨	∨			∨					∨	∨	∨	
	To be familiar with implementing statistical software and programming	10%	∨	∨	∨			∨	∨			∨							∨
	To be familiar with application and practices of statistical methods	30%	∨	∨	∨	∨			∨	∨							∨		∨
	To explain analysis results and to make judgment on decisions	10%	∨	∨	∨	∨			∨	∨			∨				∨		∨
	To equip with communication skills, teamwork ability, and knowledge of social responsibility	5%		∨	∨	∨			∨	∨			∨	∨			∨	∨	∨
	apply fundamental business management knowledge	5% Total : 100%				∨	∨		∨	∨			∨	∨			∨	∨	∨