

Mapping of MStat Programme Learning Outcomes (PLOs) against University Educational Aims and Learning Outcomes (ULOs)

<b>MStat Programme Learning Outcomes</b>	<b>University Educational Aims and Learning Outcomes</b>
1. To acquire advanced knowledge in statistics and practical skills of applying appropriate statistical methods, models and techniques, and develop new knowledge and skills through life-long learning	1. Critical intellectual enquiry and acquiring up-to-date knowledge and research skills in a discipline/ profession
2. To equip with hands-on experience in statistical and risk analyses using commercial statistical software and be competent for data-analytic jobs which require advanced computational skills	2. Application of knowledge and research skills to practice or theoretical exploration, demonstrating originality and creativity
3. To make informed decisions on complex real-life problems encountered in the data explosion era	3. Tackling novel situations and ill-defined problems
4. To communicate effectively with the layman on statistical issues	4. Collaboration and communication of disciplinary knowledge to specialists and the general public
5. To critically evaluate and to make proper use of models and techniques for data analyses and risk management, and to appraise the related ethical issues	5. Awareness of and adherence to personal and professional ethics
6. To prepare to be confident statisticians for providing professional view on statistical issues	6. Enhancement of leadership and advocacy skills in a profession