AC9101 Seminar in Capital Market Research in Accounting
The purpose of the course is to introduce various areas of accounting research so that students can broaden their horizon, understand popular concepts and commonly-used measures in accounting literature, and potentially develop an interest in one particular area.

Pre-Requisite: Basic knowledge of microeconomics and econometrics (esp. cross sectional panel regression analysis).

AC9102 Seminar in Behavioural Research in Accounting
This seminar introduces students to judgment and decision making research in accounting. The readings cover domains related to auditing, financial reporting, and managerial decision making. It is restricted to papers using the experimental method. The intention is that by the end of the course, students will be informed consumers of this literature, and acquire the skills to critically assess a piece of research, in terms of its contribution to theory, implications for practice, and methodology.

FN9101 Seminar in Theory of Finance I (Investment)
This course provides a rigorous training of the theoretical foundations of modern financial economics. This course will cover the major theoretical results concerning individuals' consumption/investment and portfolio decisions under uncertainty and their implications for the valuations of securities, i.e., consumption-based asset pricing, including one-period and multi-period models, and theories of capital market equilibrium and asset valuation. The course will also discuss production-based asset pricing implications in a general equilibrium setting.

Pre-Requisite: Ph.D. level microeconomics, matrix algebra, calculus, probability and stochastic process.

FN9102 Seminar in Theory of Finance II (Corporate Finance)
This course examines the theoretical foundation of corporate finance. The purpose of this course is to ensure that students have a good understanding about issues and often-used methods in this field. So in the future, students can use what they have learned to identify good research topics, motivate the research and interpret test results, and even build their own theories based on existing literature.

FN9103 Empirical Research I (Investment)
This course offers an introduction to empirical research in investment as exemplified by publications in peer-reviewed journals. Topics include asset pricing and anomalies. The objective of this course is to prepare students for doing empirical research in finance by giving them the necessary cultural background about the literature and by teaching them the techniques that they will need to use.

FN9104 Empirical Research II (Corporate)
The course is designed to provide Ph.D. students with a framework for the analysis of corporate financial policy and to expose students to the empirical methodologies and evidence on the various topics.

GN7103 Writing for Research and Publication
In this course, students will learn how to write their research proposals (and theses). Aspects to be considered include the research process, refining the topic, contributions of the thesis to the research field, as well as the global structure of the thesis. It will focus specifically on some of the organizational, grammatical and linguistic features that provide clarity, coherence and logic to academic writing. It will also look at the internal structure of abstracts.
IS9102 Qualitative and Quantitative Methods in Information Systems
We will cover research which utilized quantitative methodologies and economic theories to explain various information systems and business phenomenon. We will cover research on behavioural economics and other common topics in economics of IS research. In the qualitative segment, participants will be introduced to the three aspects of qualitative research: the methods and approaches to qualitative research, fundamentals skills of writing and reviewing qualitative research and the application of qualitative research skills on IS research.

IS9201 Contemporary Issues in Information Systems
The course introduces the PhD participants to major topics in the field of Information Systems. The lessons will be taught by Information Systems Faculty who will expose students to topics in their areas of research.

IS9202 Information Systems – Theories and Methods
The purpose of this course is to introduce students to the fundamentals in theory building and latest methodologies in Information Systems. This course supplements students’ current set of courses, which introduces them to key topics of information systems, by discussing key approaches towards theory building and key methodological approaches towards testing theory.

MG9001 Research Methods
This course covers fundamental theory and skills required to conduct empirical research in the social sciences. It focuses on applying such knowledge within the context of business administration (e.g., organizational behaviour, corporate strategy, marketing, international business, operations management, behavioral accounting) and related disciplines (e.g., psychology, sociology, communications). It is structured to follow the systematic hypothetico-deductive method, beginning with understanding the philosophy of science and progressing to cover issues of research design, measurement, data collection, data analyses, and the publication of such research. As a course that focuses on empirical research, particular focus is placed on conducting data analyses using foundational methods based on correlational and regression approaches to statistical analyses.

MG9003 Theory Construction and Experimental Methods in Behavioural Research
Aim of the course is to provide the students with the conceptual tools, methodology and critical thinking skills to evaluate, prepare and conduct research that satisfies the highest scientific standards. Key topics include epistemological concepts; validity and reliability; theory construction; questionnaire design and scale construction (general). The course will cover ethical research and students will be required to obtain the related on-line certification. The main focus will be on lab-based experimental approaches, including research / experimental designs, hypothesis construction, inference considerations, the concept of control groups.

MG9101 Seminar in Organizational Behaviour
This seminar focuses on the individual within the context of the organization (essentially, micro organizational behaviour). This seminar accomplishes these objectives: (1) survey contemporary theories, topics, and methods associated with the study of individual behavior in organizations. In particular, this seminar focuses on multi-level and cross-level OB theorizing; (2) develop competencies in constructive critiques of the literature; & (3) conduct empirical studies in the field.
MG9103 Advanced Topics in Strategic Management
This course involves a critical review of topical areas of strategic management research, including but not limited to the following domains: corporate strategy, international strategy, corporate governance, top executives, etc. Key research questions and trends in these topics will be identified in this course. The course is ideal for doctoral students whose primary research is in strategic management or related areas such as organizational behaviour, marketing, corporate finance and accounting.

MG9104 Theoretical Foundations of Strategic Management
This course provides an introduction to the theoretical foundations of strategic management research – from classic readings to current research. The course will entail critically evaluating, reviewing, and developing new ideas that advance strategic management research. By the end of the course, the student will apply what they have learnt and develop a research paper at a level that is adequate for submission to an international meeting.

MG9105 Advanced Topics in Organizational Behaviour
The primary focus of the course is to provide the participants with the foundational understanding of the multilevel analytical methodology. Once equipped with the appropriate analytical tools, the students will be able to apply them to their own research that involves data from different levels of theory, constructs and analysis. At the end of the course, the students should: (a) know the conceptual foundations of multilevel methodology, (b) be able to conduct data analysis for two-level and three-level models using SPSS mixed-effects program (MIXED), (c) have a basic understanding of the team effectiveness literature and (d) know the measurement issues in team research.

Pre-Requisite: Regression or equivalent course (in the last 5 years).

MG9202 Contemporary Research Issues in Social Sciences (Sociological Perspectives on Organization)
This seminar is designed as an introduction to sociological paradigms and perspectives (including organization theories influenced by these perspectives) for PhD candidates in research on work and organization. The approach will focus on historical, international, and comparative elements. Emphasis will be placed on the assessment of generalizability of these theories and concepts across societies and cultures.

MK9101 Seminar in Consumer Behaviour
Consumer behaviour is one of the most interesting and important aspects of marketing. Virtually all decisions involved in product development, pricing, promotion and distribution rely on intimate knowledge of the target consumers. Understanding the behaviour of the consumer therefore helps marketers anticipate reactions to introductions of and changes in the marketing mix, or the adoption of new products.

This is a participative graduate seminar. There will be assigned readings for each class where students will be set regular tasks of reading and discussing, providing explanations and critiques of academic papers, and any other activities.

MK9103 Special Marketing Topics
The purpose of this seminar is to expose PhD students to a broad range of topics related to strategic marketing. This course will focus on twelve topics that align with the instructors’ expertise, covering substantive issues and research methodology relevant to strategic marketing. The basic aim of this
MK9201 Seminar in Marketing Modelling
The main purpose of this seminar is to introduce students to significant research in the major areas of marketing modeling. Coming out of this seminar, a student should have (a) a sense of the current topics and issues being studied in marketing, and (b) an understanding of some theoretical frameworks and empirical tests used in marketing modeling research.

NS9001 Management Neuroscience: Incorporating Cognitive and Neuroscience Research to Management Science
Students will learn how to conceptualize, develop, pilot, test, collect and analyze neuro-biological data. The course will focus on eyetracking method as it can answer many management-related problems, business students can combine their existing knowledge from other fields with this method in a more intuitive and productive way, it does not need a deep knowledge of neuroscience and it does not necessitate advanced statistical and / or scripting abilities. Yet students that feel comfortable with scripting / time-series analyses can develop more complicated paradigms.

OM9101 Optimisation
This course aims to make students proficient in both the important aspects of problems involving optimisation: formulating those using mathematical models and solving those using mathematical and computational techniques.

OM9102 Inventory Theory
This course is targeted at PhD students in operations management and other related areas. The objective is two-fold: (i) to help students build a solid understanding of the basic issues and methodologies of supply chain inventory management, and (ii) to bring them to the research frontier in this area. We focus on the fundamental issues of modeling and analysis. The students will be guided through a progressive process of model development, model analysis, and discussions on various inventory systems ranging from deterministic to stochastic demand, from stationary to dynamic control, from continuous to periodic review, from single location to multi-echelon supply chains, and from single to multiple items or locations.

OM9103 Stochastic Process
This course focuses on basic techniques and applications of stochastic modeling in operations management/operations research. Study areas include Poisson processes, renewal processes, Markov processes, diffusion processes and various applications.

OM9201 Contemporary Issues in Operations Management
The objective of this course is threefold. First, students can gain an initial understanding of a wide array of research areas and methodologies in the OM literature. Second, students are expected to develop critical thinking skills to identify gaps and opportunities, and synthesize ideas within and across different OM/OR areas. Third, students are expected to develop proper communication skills to engage in academic parlance, discussion, and presentation.
**ST9003 Applied Regression Analysis**
Regression analysis is widely used today in business administration, economics, engineering, and the social sciences. Basic methods will be taught in the course including simple and multiple linear regression, model selection, residual analysis, diagnostics, detection of multi-collinearity, nonstandard conditions, transformations and non-linear regression models. Principal components analysis (PCA) and factor analysis (FA) may also be discussed.

**ST9005 Structural Equation Modelling**
This post-graduate course provides the knowledge and hands-on application of Covariance Structure Modeling (CSM), which is more commonly known as Structural Equation Modeling (SEM). SEM has become the standard for testing models comprising observable and unobservable variables. This technique provides goodness of fit indices for the models and unbiased estimates of the relationships between the variables when multivariate normality of data is present. The aim of the course is to train the students to be competent users of SEM using the LISREL software.

Pre-Requisite: Knowledge of measurement errors, correlation, regression and exploratory factor analysis. Has attended a class on (or containing) regression in the last 5 years.

**ST9007 Advanced Research Methods: Meta-Analysis**
This course equips participants with statistical methods for literature review and research synthesis. This course addresses the theoretical and methodological issues in the review and synthesis of results from multiple primary studies. As research synthesis is an integral part of the scientific process, it demands the same high standards of rigor that apply in all primary research. Rigorous literature reviews must attend to the same details of problem formulation, data collection and cleaning, data analysis and interpretation that are addressed in primary research. This course imparts the knowledge and skills required to implement such rigor using statistical methods specifically developed for research synthesis, i.e. meta-analysis.