MASTER OF
APPLIED STATISTICS
2024/2025

FACULTY OF
BUSINESS AND ECONOMICS

MASTER OF APPLIED STATISTICS

PROGRAMME GOAL AND LEARNING OUTCOMES

Programme Goal

To produce graduates who are global, innovative, critical thinking with analytical skills in applying statistics for problem solving.

Programme Educational Objectives

(1) Graduates are professionally involved in the field of applied statistics, locally or globally.
(2) Graduates demonstrate active involvement in the process of decision or policy making based on competent and ethical use of applied statistics.
(3) Graduates demonstrate a commitment to sustained learning in the changing field of applied statistics, while working with others from interdisciplinary backgrounds.

Programme Learning Outcomes

At the end of the programme, graduates are able to:

(1) Relate theories, concepts, and methods in the discipline for analysis of statistical problems.
(2) Apply skills in applied statistics integratively to solve practical problems for decision making.
(3) Build, test and validate statistical models guided by recent approaches in the discipline.
(4) Practice collaborative learning and communicate the findings from statistical analysis of data in various disciplines effectively.
(5) Use digital technologies and numeracy skills competently in statistical analysis.
(6) Exercise substantial responsibility in data collection, processing, management and storage to protect information confidentiality.
(7) Gather information from various sources to analyze real-world problems for sustained learning.
(8) Demonstrate adherence to ethical practice and professionalism in statistical analysis and dissemination of information.

STRUCTURE OF PROGRAMME OF STUDY

Code	Course	Credit	Duration of Examination	Distribution of Marks	
				% Continuous Assessments	% Final Examination
CORE COURSES					
AA0X7001	Research Methodology	4	-	100	-
AA037018	Research Project	10	-	100	-
AA037002	Survey Techniques and Sampling Design	4	3 hours	50	50
AA037003	Principles of Statistics	4	3 hours	50	50
AA037004	Statistical Data Analysis	4	3 hours	50	50

And at least sixteen (16) credit hours of the following optional courses:

OPTIONAL COURSES

Code	Course	Credit	Duration of Examination	% Continuous Assessments	% Final Examination
AA037005	Applied Econometrics	4	2 hours	60	40
AA037006	Further Econometrics	4	2 hours	60	40
AA037007	Time Series Analysis	3	2 hours	60	40
AA037008	Experimental Design	3	2 hours	60	40
AA037009	Biostatistics	3	2 hours	60	40
AA037010	Applications of Demographic Techniques	3	2 hours	60	40
AA037011	Operations Research Methods	3	2 hours	60	40
AA037012	Applied Financial Econometrics	3	2 hours	60	40
AA037013	Statistical Methods for Quality Management	3	2 hours	60	40
AA037014	Statistical Computing	3	2 hours	60	40
AA037015	Data Analytics	3	2 hours	60	40
AA037016	Industry Statistical Project	4	-	100	-
AA037017	Bayesian Statistics	3	2 hours	60	40
AA017015	International Finance	3	2 hours	50	50
AA017019	Political Economy	3	2 hours	60	40

*Optional courses offered in each semester may vary from semester to semester.

MASTER OF APPLIED STATISTICS
TIMETABLE

SEMESTER I, 2024/2025 SESSION

DAY	TIME	COURSE CODE	TITLE	LECTURER	VENUE
Monday	6.00 – 9.00 pm	AA0X7001 (Occ.1)	Research Methodology	Profesor Dr. Evelyn Shyamala Paul Devadason	DK2, H11
		AA037011	Operation Research Methods	Dr. Elayaraja Aruchunan	Makmal G2/G3
		AA037013	Statistical Methods for Quality Management	Dr. Muzalwana Abd Talib	Postgraduate Computer Lab
Tuesday	6.00 – 9.00 pm	AA037005	Applied Econometrics	Dr. Ahmad Farid Osman	Makmal G2/G3
		AA037010	Applications of Demographic Techniques	Assoc. Prof. Dr. Lai Siow Li	Makmal Utiliti
Wednesday	6.00 – 9.00 pm	AA037003	Principles of Statistics	Dr. Adilah Abdul Ghapor	DK 2
		AA037012	Applied Financial Econometrics	Dr. Soon Siew Voon	Makmal G2/G3
Thursday	6.00 – 9.00 pm	AA017015	International Finance	Dr. Goh Lim Thye	BSP 1-5
		AA037004 (Occ. 1)	Statistical Data Analysis	Dr. Muhammad Ashraf Khalid	Makmal G2/G3
		AA037015	Data Analytics	Dr. Diana Abdul Wahab	Postgraduate Computer Lab
Friday	6.00 – 9.00 pm	AA037002 (Occ. 1)	Survey Techniques and Sampling Design	Dr. Tey Nai Peng	Makmal G2/G3
		AA037002 (Occ.2)	Survey Techniques and Sampling Design	Assoc. Prof. Dr. Lai Siow Li	Makmal Utiliti
Saturday	9.00 am – 12.00 pm	AA037004 (Occ.2)	Statistical Data Analysis	Dr. Rohana Jani	Postgraduate Computer Lab
AA037018 Research Project No Lecture (Course Pre-requisite(s)/Minimum Requirement(s) - AA0X7001)					
AA037016 Industry Statistical Project No Lecture (Course Pre-requisite(s)/Minimum Requirement(s) - AA037002, AA037003 and AA037004)					

COURSE INFORMATION

AA0X7001 4 Credits	**RESEARCH METHODOLOGY**
Learning Outcomes	At the end of the course, students are able to: (1) Examine the logic of scientific discovery and the novelty in research. (2) Evaluate the usage of inductive and deductive research. (3) Compare the different types of research methodologies. (4) Formulate a research proposal
Synopsis of Course Contents	Using examples from past research and methodologies across 4 disciplines (economics, applied statistics, development studies and politics), this course seeks to examine in its entirety the philosophy and methodology of research so as to help equip students with a better understanding of how to undertake research, analyse data, and write scholarly and policy papers. Following a sequential exposition of the philosophical underpinnings of research and methodology, and the procedures of data collection, estimation and interpretation, the course introduces all the main current methodologies as well as qualitative and quantitative tools of data analysis. Lectures will be supplemented with a critical examination of the methodological frameworks used in selected leading publications and by leading scholars from inter/disciplinary fields. In class lessons will be revisited towards the end of the course through a careful selection of case studies from multiple disciplines (tier 1 journal publications from economics, applied statistics, dev studies and politics). This way, students will have a broad introduction to various ways in which data, methodologies, software and methods are combined in academic research. The emphasis will be on methodological debates and diversity within social sciences. Equally, they will receive practical lessons on how to handle discipline-specific big data sets. Lastly, they will receive hands-on training on complete research proposal developments applying creative and critical thinking using problem sets
Assessment Weightage	Continuous Assessment: 100% Final Examination: None
Medium of Instruction	English

AA037018 10 Credits	**RESEARCH PROJECT**
Course Pre-requisite(s)/Minimum Requirement(s)	**AA0X7001**
Learning Outcomes	At the end of the course, students are able to: (1) Integrate information from the review of relevant literature; (2) Build and/or test and/or validate statistical models to be applied in the research. (3) Analyze information/data using the appropriate statistical techniques and software; (4) Adopt ethical practices in the conduct of research; (5) Write a research report articulately.
Synopsis of Course Contents	This course is designed as a capstone project to train students in conducting research in applied statistics. Students will write a report for the project (15, 000 to 30, 000 words) that is carried out. Besides conducting an empirical research that involves application of statistics, they can also run simulations, experiments, or propose methodological innovations in applied statistics. Supervision by at least one lecturer will begin from the initial stage of research project development to report preparation. The other research stages that are supervised include identifying research questions, designing research framework, reviewing the literature (analysis, synthesis and critical review of theoretical and empirical literature from recent research), collecting information/data, conduct analysis using appropriate statistical methods, ensuring ethical practices, relating findings to answer the research questions, and making appropriate conclusions.
Assessment Weightage	Continuous Assessment: 100% Final Examination: None
Medium of Instruction	English

AA037002
4 Credits

SURVEY TECHNIQUES AND SAMPLING DESIGN

Learning Outcomes

At the end of the course, students are able to:

(1) Demonstrate a sound understanding of the research process and research methodology;
(2) Collect primary data using appropriate data collection and sampling methods;
(3) Analyze data and draw conclusion; and
(4) Demonstrate skills in effective writing and communication.

Synopsis of Course Contents

This course covers major issues connected with the research process in various fields. The course is designed to equip students with a sound understanding of theory building and the research process, with emphasis on quantitative applications of research methods. Students will learn the techniques of sampling, data collection and analysis for report writing. The course will also train students on critical analysis of published research and equip them with communication skills.

Assessment Weightage

Continuous Assessment: 50%
Final Examination: 50%

Medium of Instruction

English

AA037002

AA037003 4 Credits	**PRINCIPLES OF STATISTICS**

Learning Outcomes

At the end of the course, students are able to:

(1) Apply the concepts of probability and inferential statistics;
(2) Relate sampling distributions to estimation and hypothesis testing;
(3) Formulate hypothesis tests;
(4) Apply appropriate statistical techniques for drawing problems, drawing inference and making decisions in the fields of business, economics, finance and social science.
(5) Communicate the findings effectively

Synopsis of Course Contents

The course deals with the fundamentals of statistics with emphasis on applications in business, economics, finance and social science field. The course begins with the concepts of probability and this is followed by probability distributions of random variables, including joint, marginal and conditional distributions and leading into the introduction of sampling distributions. These topics are taught to set the foundation for inferential statistics. Attention is devoted to the conceptual and quantitative method in the topics of estimation and hypothesis testing, including non-parametric methods.

Assessment Weightage

Continuous Assessment : 50%
Final Examination : 50%

Medium of Instruction

English

AA037004
4 Credits

STATISTICAL DATA ANALYSIS

Learning Outcomes

At the end of the course, students are able to:

(1) Analyse quantitatively the structure in a set of data;
(2) Adapt the appropriate statistical techniques given the aim of analysis in solving the related problems; and
(3) Express the results arising from the application of these techniques to data in various fields.
(4) Adopt ethical practices in the conduct of research.

Synopsis of Course Contents

This course exposes students to the analysis of univariate and multivariate data. Students learn to examine variation in data; assess the need for transformation; evaluate patterns; summarize the information; and apply various statistical techniques for analysis. Students learn to use statistical software in application of regression analysis, discriminant analysis, factor analysis, multidimensional scaling, conjoint analysis, structural equation model and principal components analysis to data from various field.

Assessment Weightage

Continuous Assessment: 50%
Final Examination: 50%

Medium of Instruction

English

AA037005
4 Credits

APPLIED ECONOMETRICS

Learning Outcomes

At the end of the course, students are able to:

(1) Estimate regression analysis for quantifying economic relationships;
(2) Specify models in a manner suitable for econometric testing;
(3) Appraise the adequacy of regression models estimated using econometric software.
(4) Propose valid conclusions from the results of estimation and hypothesis-testing.

Synopsis of Course Contents

The course is designed to equip students with econometric tools of analysis for research work. Computer software is used for the purposes of estimation, prediction, and basic modeling. Single-equation models in the classical context are given emphasis. Diagnostic tests and problems of estimation (multicollinearity, autocorrelation, heteroscedasticity, model specification errors) are discussed. Extensions to single-equation models covered include qualitative choice models, dummy variable regression models, and autoregressive and distributed lag models. Introduction to simultaneous-equation models is given.

Assessment Weightage

Continuous Assessment : 60%
Final Examination : 40%

Medium of Instruction

English

AA037006 4 Credits	**FURTHER ECONOMETRICS**
Learning Outcomes	At the end of the course, students are able to: (1) Specify econometric techniques that are appropriate for different types of data structure; (2) Evaluate appropriate panel data approaches to the analysis of panel data; (3) Identify econometric models based on economic theory; and (4) Appraise findings of econometric techniques applied to real-world data.
Synopsis of Course Contents	This course is designed to train students in advanced econometric applications with a focus on autoregressive distributed lag (ARDL) models, cointegration, and panel data modeling. Students will be exposed to several econometric methods, and are required to read journal articles in the relevant areas on applications of these methods. Topics such as short- and long-term multipliers, short- and long-run relationships, fixed and random effects panels, panel unit root tests, non-stationarity panel, and diagnostic tests are covered in the course. Students will learn to communicate the findings from applications of the techniques to real-world data.
Assessment Weightage	Continuous Assessment: 60% Final Examination: 40%
Medium of Instruction	English

AA037007 3 Credits	**TIME SERIES ANALYSIS**
Learning Outcomes	At the end of the course, students are able to: (1) Examine time series patterns of data (graphically and quantitatively); (2) Construct forecasting models that incorporate correlated error structures; (3) Compare the forecasting performance of the different models developed for a given set of data; and (4) Explain the results arising from the application of time series analysis in various fields.
Synopsis of Course Contents	This course exposes students to the study of time series data. It focuses on the use of statistical models (such as classical decomposition, exponential smoothing, least squares, ARIMA) for forecasting. Students learn to assess and select an appropriate model from among different possible models for a given set of data. The use of statistical software to analyse data ensures that the students learn the nuances of modelling correlated error structures.
Assessment Weightage	Continuous Assessment: 60% Final Examination: 40%
Medium of Instruction	English

AA037008 3 Credits	**EXPERIMENTAL DESIGN**
Learning Outcomes	At the end of this course, students are able to: (1) Implement an appropriate experimental design (2) Design the experiment with ethical consideration (3) Present the results of experiments to facilitate decision making process
Synopsis of Course Contents	This course equips students with the necessary skills for designing various experiments and analyzing the results of such experiments. The topics covered include Principles of Experimental Design, Multiple Comparison Methods, Orthogonality, Two-factor Cross-Classification Designs, Nested Designs, Latin-Square, Two-level Factorial Designs, Confounding/Blocking, Fractional-Factorial Designs, Designs with Factors at Three Levels, with their applications in various industries.
Assessment Weightage	Continuous Assessment: 60% Final Examination: 40%
Medium of Instruction	English

AA037009
3 Credits

BIOSTATISTICS

Learning Outcomes

At the end of this course, the students are able to:

(1) Determine techniques that are appropriate for analysing categorical data;
(2) Determine techniques that are appropriate for analysing the time to the occurrence of an event;
(3) Use the results arising from the application of these techniques in medicine and social science.

Synopsis of Course Contents

This course covers the applications of statistical methods to problems in medicine and social science. Topics covered include analysis of categorical data, logistic regression and survival analysis.

Assessment Weightage

Continuous Assessment : 60%
Final Examination: 40%

Medium of Instruction

English

AA037010
3 Credits

APPLICATIONS OF DEMOGRAPHIC TECHNIQUES

Learning Outcomes

At the end of the course, students are able to:

(1) Explain the importance and basic concepts of demography;
(2) Analyse demographic and population-related socioeconomic indicators;
(3) Apply demographic techniques in different fields; and
(4) Evaluate the inter-relationships between population dynamics and socioeconomic development.

Synopsis of Course Contents

This course is designed to introduce students to the importance of population studies, basic demographic concepts, sources of population data, trends and demographic structures, and factors influencing population change.

This course covers demographic techniques, including the collection and compilation of secondary data from various sources, data analysis, calculation and interpretation of various demographic measurements, application of life tables and population projections. The use of demographic data in various sectors, such as employment, education, health, housing, business, and politics will be shown.

Assessment Weightage

Continuous Assessment: 60%
Final Examination: 40%

Medium of Instruction

English

AA037011	**OPERATIONS RESEARCH METHODS**
3 Credits	
Learning Outcomes	At the end of the course, students are able to:
	(1) Formulate mathematical expressions to reflect real life optimization problems
	(2) Apply appropriate methods for solving operation research problems; and
	(3) Interpret the results to facilitate decision making process
Synopsis of Course Contents	Operations Research, also referred to as Management Science, is a practical and scientific approach to problem solving utilizing quantitative techniques. This course covers several analytical methods including network analysis, linear programming, Data Envelopment Analysis, game theory, integer programming, project scheduling, decision analysis and queuing theory. These methods can be used to analyse complex problems and improve decision making processes in industry, business and the public sector.
Assessment Weightage	Continuous Assessment: 60%
	Final Examination: 40%
Medium of Instruction	English

AA037012
3 Credits

APPLIED FINANCIAL ECONOMETRICS

Learning Outcomes

At the end of this course, the students are able to:

(1) Analyse returns to financial assets and construct indices as measures of stock market performance;
(2) Estimate financial models including time-varying volatility models using appropriate software;
(3) Determine the adequacy of estimated econometric-time series models in the area of finance; and
(4) Construct valid conclusions from the results of estimation and hypothesis testing.

Synopsis of Course Contents

The course introduces the methods of construction of stock market indices, computation of returns with adjustment for capital changes and estimation of betas. Tests of market efficiency and estimation of selected financial models are discussed. The capital asset pricing model is applied for analyzing the ability of market timing and stock selectivity. Calendar anomalies and methods for modelling volatility in financial data, such as ARCH & GARCH, are discussed. Subsequently, the estimation of Value-at-Risk for portfolio and stock returns and Risk metrics are discussed. Lastly, various Multivariate GARCH models are discussed

Assessment Weightage

Continuous Assessment : 60%
Final Examination: 40%

Medium of Instruction

English

AA037013
3 Credits

STATISTICAL METHODS FOR QUALITY MANAGEMENT

Learning Outcomes

At the end of the course, students are able to:
(1) Explain the role of statistical methodology, tools and techniques for quality management in the field of social science.
(2) Apply the appropriate statistical tools, techniques and software applications in describing quality characteristics.
(3) Analyse statistical results in solving quality related problems.
(4) Construct various forms of results   to effectively communicate on findings about quality

Synopsis of Course Contents

This course exposes students to basic concepts of quality and the roles of statistical methods in understanding and managing quality of processes and products. Statistical software is utilized in understanding the process and product quality characteristics. The topics covered include Statistical Thinking in Quality Improvement, Statistical Process Control, Variable and Attribute Control Chart, Hotelling's T2 Control Chart, Multivariate Methods for Quality Improvement, Acceptance sampling.

Assessment Weightage

Continuous Assessment: 60%
Final Examination: 40%

Medium of Instruction

English

AA037014 3 Credits	**STATISTICAL COMPUTING**
Learning Outcomes	At the end of the course, students are able to: (1) Develop statistical function codes in R; (2) apply the functionality of R by using add-on packages; (3) evaluate modeling assumptions using simulation; and (4) integrate the prose, codes and results for communication.
Synopsis of Course Contents	Computational data analysis is an essential part of modern statistics. This experiential work-based learning course employs computational, graphical, and numerical approaches to solve statistical problems. The course focuses on an open source software statistical language as an ideal computing environment. The goal of this course is to introduce students to the R programming environment and related eco-system and thus provide them with an in-demand skill-set, in both the research and business environments. This course provides guidance to students through the steps of importing, wrangling, exploring, and modeling the data, and communicating the results. This course prepares students to take up analytic and data science courses in the future. No previous programming experience is assumed.
Assessment Weightage	Continuous Assessment: 60% Final Examination: 40%
Medium of Instruction	English

AA037015 3 Credits	**DATA ANALYTICS**
Learning Outcomes	At the end of the course, students are able to: (1) Discuss the emerging trends and future impacts of business analytics; (2) Construct analytical techniques or tools to solve real world problems; and (3) Propose recommendations through analytical interpretations of results.
Synopsis of Course Contents	Analytics has become the technology driver of this decade. This course provides students with the theoretical knowledge and practical skills to drive decision making. The course emphasizes a hands-on approach to extensively use the analytical modeling and statistical analysis in the examination of data or content to discover deeper insights, make predictions, or generate recommendations using sophisticated techniques and tools on real world problems. Students will also acquire understanding of predictive analytics using statistical and machine learning techniques to understand future outcome. The analytical abilities to be acquired by students in this course are to reliably select analytic techniques or method and specify steps involve in the analysis process and to interpret analytically the results obtained from data analytics techniques or tools.
Assessment Weightage	Continuous Assessment: 60% Final Examination: 40%
Medium of Instruction	English

AA037016 4 Credits	**INDUSTRY STATISTICAL PROJECT**
Course Pre-requisite(s)/Minimum Requirement(s)	**AA037002, AA037003 and AA037004**
Learning Outcomes	At the end of this course, the students are able to: (1) Relate application of statistics in the industry to statistical theories and methods; (2) Develop practitioner skills through experiential learning; (3) Build working relations with the industry; (4) Adopt ethical practices in the conduct of statistical projects; (5) Prepare a practitioner-oriented report.
Synopsis of Course Contents	This course enables the students to gain industry experience through exposure to the use of statistics in the private and public sectors as well as the civil society. The students will conduct a project grounded on the application of statistical methods involving input from practitioners in a chosen company/firm/organization. The application of statistics should be synthesized in the form of (a) statistical consulting, (b) organizational statistical problem solving, (c) implementation of new statistical systems, or (d) review of existing statistical systems in the organization. At the end of the project, the students shall write a report of no more than 10,000 words. The report should be practitioner-oriented and contain a reflection to relate the industry experience to the context of the programme of study. The supervision of students will involve lecturers from the department and staff from the chosen company/firm/organization, starting from conception of the project to project completion. The stages covered are identifying an organization, determining the project direction, designing the analytical framework, organizing the findings that include analysis, ensuring ethical practices, relating the industry experience to the context of the programme, making appropriate recommendations, and preparation of the report.
Assessment Weightage	Continuous Assessment: 100% Final Examination: None%
Medium of Instruction	English

AA037017	**BAYESIAN STATISTICS**
4 Credits	
Learning Outcomes	At the end of the course, students are able to:
	(1) Develop models based on the foundations of Bayesian statistics;
	(2) Determine different approaches to the choice of prior distribution;
	(3) Adapt to the computational implementation of Bayesian analysis;
	(4) Use the Bayesian approach in solving real world problems.
Synopsis of Course Contents	This course expose students to Bayesian approach to statistical inference. Topics covered includes the foundation of Bayesian statistics, determining prior distribution, Bayesian inference, Bayesian decision theory and computational tools for inferences. Students will learn statistical software for Bayesian analysis and apply the Bayesian approach to real world problems.
Assessment Weightage	Continuous Assessment : 60% Final Examination: 40%
Medium of Instruction	English

AA017015 3 Credits	**INTERNATIONAL FINANCE**
Learning Outcomes	At the end of the course, students are able to: (1) Explain the basic concepts and theories in international finance and open-economy macroeconomics; (2) Evaluate the issues in international finance; (3) Specify the issues in international finance by using relevant theories.
Synopsis of Course Contents	This course discuss concepts and theories in several topics such as balance of payment, foreign exchange market and risks, exchange rate determination, price and income adjustment mechanisms with flexible and fixed exchange rate, open macroeconomics theories and policies and international monetary systems.
Assessment Weightage	Continuous Assessment : 50% Final Examination: 50%
Medium of Instruction	English

AA017019
3 Credits

POLITICAL ECONOMY

Learning Outcomes

At the end of this course, the students are able to:
(1) Analyse the concept of political economics.
(2) Apply the theoretical concept in political economics analysis.
(3) Valuing the empirical evidence and its economic implication.

Synopsis of Course Contents

This course provides an in-depth discussion of political economics and discussion based on the purpose and structure in economic analysis. Particular emphasise on the political discussion and its implication to the economy.

Assessment Weightage

Continuous Assessment : 60%
Final Examination: 40%

Medium of Instruction

English

PROPOSED STUDY PLAN
MASTER OF APPLIED STATISTICS

COMPONENT	SEMESTER 1		SEMESTER 2		SPECIAL SEMESTER		TOTAL CREDIT
	SUBJECT	CREDIT	SUBJECT	CREDIT	SUBJECT	CREDIT	
Core Course	Choose three (3) core courses	12	Choose one (1) core courses	4	Research Project (P2)	5	26
			Research Project (P1)	5			
Optional Course	Choose any two (2) courses	6	Choose any three (3) courses	10			16
Total Credit		**18**		**19**		**5**	**42**

TOTAL CREDIT: 42 CREDITS

GRADING SCHEME

25

Marks	Grade	Grade Point	Meaning
90.00 - 100	A+	4.0	High Distinction
80.00 - 89.99	A	4.0	Distinction
75.00 - 79.99	A-	3.7	
70.00 - 74.99	B+	3.3	Pass
65.00 - 69.99	B	3.0	
60.00 - 64.99	B-	2.7	Fail
55.00 - 59.99	C+	2.3	
50.00 - 54.99	C	2.0	
45.00 - 49.99	C-	1.7	
40.00 - 44.99	D+	1.5	
35.00 - 39.99	D	1.0	
0.00 - 34.99	F	0.0	

STEP FOR REGISTRATION FOR RESEARCH PROJECT (AA037018)

FIRST STEP

Submission of Pink Form (Approval for the Field of Research and Supervisor)
- Prepare the Research Proposal
- Get the Approval from potential Supervisor
- Submit to the Postgraduate Unit, FPE **before deadline**

1

Register 5credit Research Project (P1) at maya.um.edu.my
and make the CONFIRMATION of the courses in the add and drop courses week

2

Student can start the Research Project once the Approval is obtained from Faculty

3

Board of Examiner - Grade P1
(Procced Continue Register P2)

SECOND STEP

Submission of Blue Form (Approval for Title and Appoinment of Internal Examiner)
- Get the Approval form the Supervisor
- Submit to the Postgraduate Unit, FPE **before deadline**

1

Register 5 credit Research Project (P2) at
and make the CONFIRMATION of the courses in the add and drop courses week

2

Submission of Yellow Form (Submission Research Project for Examination)
- Get the approval from the Supervisor before submission. Your supervisor must sign off the submission.
- Submit the Research Project to the Postgraduate Unit, FEA **before deadline**
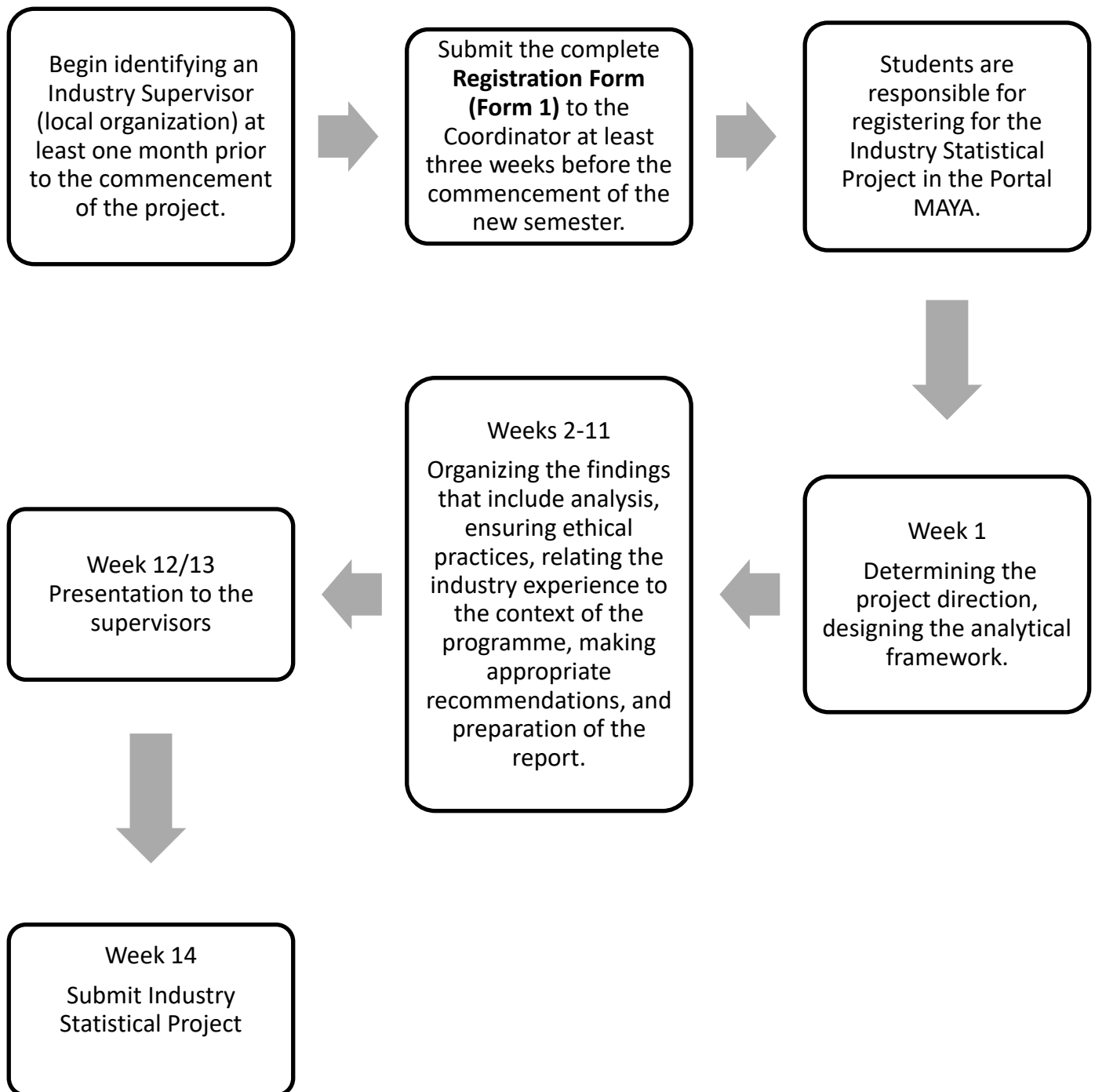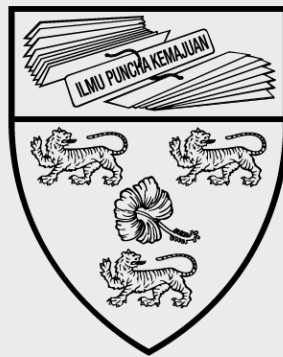
3

Examination procees

4

Submission of Green Form (Correction and Final Submission for Research Project)
-Get the Approval from the supervisor
-Submission of Final Research Project to the Postgraduate Unit, FEA **before deadline**

5

Board of Examiner - Actual Grade

STEP FOR REGISTRATION AND FLOWCHART FOR INDUSTRIAL STATISTICAL PROJECT (AA037016)

Begin identifying an Industry Supervisor (local organization) at least one month prior to the commencement of the project.

Submit the complete **Registration Form (Form 1)** to the Coordinator at least three weeks before the commencement of the new semester.

Students are responsible for registering for the Industry Statistical Project in the Portal MAYA.

Weeks 2-11

Organizing the findings that include analysis, ensuring ethical practices, relating the industry experience to the context of the programme, making appropriate recommendations, and preparation of the report.

Week 1

Determining the project direction, designing the analytical framework.

Week 12/13 Presentation to the supervisors

Week 14

Submit Industry Statistical Project

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http://fpe.um.edu.my