



FACULTY OF BUSINESS
MASTER OF SCIENCE IN FINANCE WITH DATA ANALYTICS

LEARNING MODULE OUTLINE

Academic Year	2024/2025	Semester	2
Module Code	FIDA6298 - 221		
Learning Module	Project Report		
Prerequisite(s)	N/A		
Medium of Instruction	English		
Credits	6	Contact Hours	90
Instructor	1. Luk Kwai Wing 2. Chan Ka Yin, Victor 3. Gao Hong, Jennifer 4. Huang Guihai, Samuel 5. Lai Tsz Ming, Terence 6. Li Siu Pan, Thomas 7. Tian ShaoHua, Bruce 8. To Wai Ming 9. Xiang Xin, Josephine 10. Yu Tat Wai, Billy	Email	1. t1790@mpu.edu.mo 2. vkychan@mpu.edu.mo 3. jennifergao@mpu.edu.mo 4. ghhuang@mpu.edu.mo 5. tmlai@mpu.edu.mo 6. spli@mpu.edu.mo 7. shtian@mpu.edu.mo 8. wmta@mpu.edu.mo 9. xxiang@mpu.edu.mo 10. billyyu@mpu.edu.mo
Office	1. B110 2. M549 3. M521 4. M560 5. M533 6. M546 7. M523 8. M547 9. M532 10. M534	Office Phone	1. 85996311 2. 85993322 3. 85993344 4. 85993321 5. 85993346 6. 85993332 7. 85993314 8. 85993319 9. 85993306 10. 85993312

MODULE DESCRIPTION

This module aims to develop candidates' ability to integrate what they have learned from all the taught modules and related independent studies to further their capacities and skills in finance and data analytics by completing an original academic or applied report in the area of finance. The project report is a student-driven learning opportunity and will be done under the guidance of one or more supervisors. The credits are gained after passing the written report review and oral defense.

MODULE INTENDED LEARNING OUTCOMES (ILOS)

On completion of this learning module, students will be able to:



M1.	Review and critique relevant literature in a chosen financial issue.
M2.	Conduct applied research, particularly using data analytics, into the chosen financial issue through a rigorous and systematic approach.
M3.	Communicate effectively, written and orally, to both professional and nonprofessional audiences on the chosen financial issue.
M4.	Demonstrate good skills in time management and independent study so that tasks can be planned and implemented at a professional level.

These ILOs aim to enable students to attain the following Programme Intended Learning Outcomes (PILOs):

Knowledge and Understanding On completion of this programme, students will be able to:					
PILOs		M1	M2	M3	M4
PILO-1.	Master critical knowledge of financial theories, financial models and data analytics in finance and apply it to a wide range of complex financial issues.	√	√		
PILO-2.	Expand knowledge of finance and data analytics through critically evaluating current issues informed by leading edge research and practice in the industry.	√	√		
Skills and Attributes On completion of this programme, students will be able to:					
PILO-3.	Conduct applied research, particularly using data analytics, into financial issues through a rigorous and systematic approach.	√	√		
PILO-4.	Communicate effectively, written and orally, to both professional and nonprofessional audiences on local and global financial issues.	√	√	√	
PILO-5.	Demonstrate skills in time management, teamwork, leadership and independent study so that tasks can be planned and implemented at a professional level.			√	√
PILO-6.	Identify and address ethical dilemmas and social responsibility issues to uphold high standards of integrity, professionalism and ethical behaviour.			√	√



MODULE SCHEDULE, COVERAGE AND STUDY LOAD

Project report is a student-driven learning opportunity, and students are encouraged to actively communicate with their supervisors. The supervisor is responsible for discussions with students on the research topic, related literature, research methods, data analysis, and academic writing. Students should finish a master's final project report of at least 10,000 words, present the research findings to the examination panel and answer questions.

Note: Each student must follow a standard multistep process to complete the project report. The steps are as follows:

1. Consider and select a research area.
To assist students in allocating a research area, the following steps should be completed:
 - Students should attend at least three seminars held by the faculty and review at least ten academic papers before submitting the Project Report Application Form.
 - Students should finish the summary of the paper reading and seminars (presented as an appendix of the Project Report Application Form).
2. Consider and select a supervisor.
 - The appointment of supervisors is generally based on a two-way choice between the student and the supervisor.
 - Students are encouraged to select supervisors based on their research directions.
3. Consider and select a topic.
 - Students are encouraged to actively select a research topic based on their research interests.
 - The supervisor can provide advice and assist students in selecting a research topic.
4. During the research work terms, students should submit progress forms as necessary and at appropriate times (described in the Project Report Guidebook), filled in and signed by the supervisor.
5. The grade for this course is given on the basis of the student's project report and presentation in front of the examination panel.

TEACHING AND LEARNING ACTIVITIES

Project report is a student-driven learning opportunity. Students should actively communicate with their supervisors and regularly contact their supervisors. Supervisors should give students regular guidance.

ATTENDANCE

Students are expected to communicate with their supervisor and to be monitored by the supervisor regularly.

ASSESSMENT

The examination panel will assess the written project report and give a single grade for the student based on the written report and their oral examination. There will be no other tests or written examinations. The assessment criteria are detailed in the Project Report Guidebook.

MARKING SCHEME

Referring to the Master's Project Report Guidebook



澳門理工大學
Universidade Politécnica de Macau
Macao Polytechnic University

REQUIRED READINGS

The supervisor may provide some advice in terms of the required reading list.

REFERENCES

Students are expected to locate and review references, and the supervisor may provide some advice.

STUDENT FEEDBACK

At the end of every semester, students are invited to provide feedback on the learning module and the teaching arrangement through questionnaires. Your feedback is valuable for instructors to enhance the module and its delivery for future students. The instructor and programme coordinators will consider all feedback and respond with actions formally in the annual programme review.

ACADEMIC INTEGRITY

The Macao Polytechnic University requires students to have full commitment to academic integrity when engaging in research and academic activities. Violations of academic integrity, which include but are not limited to plagiarism, collusion, fabrication or falsification, repeated use of assignments and cheating in examinations, are considered as serious academic offenses and may lead to disciplinary actions. Students should read the relevant regulations and guidelines in the Student Handbook which is distributed upon the admission into the University, a copy of which can also be found at www.mpu.edu.mo/student_handbook/.



Appendix 1: Key Dates (Subject to final announcement by the College)

1. October 1, 2024

Confirmation of the advisor and preliminary determination of the topic for the project report; submission of the Project Report Application form confirmed by the advisor to the Faculty Office, Room M556.

2. October 1, 2024 - April 20, 2025

Students are required to write a project report based on the approved research plan under the guidance of their supervisor. The student is required to meet with the supervisor to discuss the progress of the project report and to seek the supervisor's advice. The student is required to meet with the supervisor no less than five times, and the student is required to keep a record of each meeting and have the supervisor sign off on it. The student is required to document each meeting and have the supervisor sign off on it. Specific meeting times are to be determined by agreement between the student and the supervisor.

3. March 2025

The university announces the composition of the examination committee, the corresponding defense and points to note.

4. By April 20, 2025

Students should submit 3 hard copies of the first draft of the project report, the plagiarism detection system (Turnitin) verification report homepage (supervisor's signature required), a statement of originality of the project report (attached to the project report), and a form of Application for Project Report Defense (supervisor's signature required). In addition, students should submit a minimum of 5 attendance and meeting records. All of these documents should be submitted to the Faculty Office, Room M556.

Note: Before submitting the first draft, students may use the plagiarism detection system (Turnitin) to verify that the project report is free of excessive citation or plagiarism.

5. April 20 - May 16, 2025

Students present their project reports during the project report viva, answer questions from the examiners, and make any necessary revisions to their project reports as needed. Students will have 15 minutes to present their project reports, followed by a Q&A session and an examiner discussion session.

6. Within one week after viva

Students are required to submit a bound volume of the project report to the Room M556 and an electronic copy to the Programme Coordinator via Canvas.

7. Students who fail the project report will be required to retake in the following academic year.

Appendix 2: "Project Report" layout, printing format requirements

1. The first page for the project report cover page, including the name of the University and its academic units, the name of the course, thesis title, student name, student number, the year of the degree to be awarded; cover page does not need to set page number;
2. The second page is the title page of the project report, including the title of the project report, the name of the student, student number, academic unit, course, major, supervisor, date of completion; title page without page numbering.
3. The third page is the page of the declaration of originality (should include the Turnitin similarity score).
4. The fourth page for the project report summary (about 200 words) and key words (3-5).
5. The fifth page is the Table of Contents, List of Figures (if any), Symbols and Abbreviations (if any) and the



main body of the project report. The body of the report generally includes an introduction, literature review, research methodology, analysis of results and conclusion.

6. A list of references is included at the end of the main text, and the format of references follows the APA format of the American Psychological Association (APA), which can be found at <https://apastyle.apa.org/> or <https://www.revistacomunicar.com/pdf/documentos/2020-apa7-comunicar-cn.pdf>.
7. Interviews, questionnaires, etc. as appendices after the references, if any.
8. The layout, printing and binding requirements of the project report should follow the University's "Guidelines on Formatting for Master's Theses" ; the content and format of the cover page, title page, and statement of originality page of the project report should follow the University's template. Refer to http://www.mpu.edu.mo/student_corner_p/zh/masterrule_thesis.php

Academic Integrity

The Macao Polytechnic University requires its students to conduct their research and academic activities with academic integrity. Violations of academic integrity in the form of, but not limited to, plagiarism, collusion, fabrication or tampering, duplication of work, and cheating on examinations are considered serious academic misconduct and may result in disciplinary action. Warning: Plagiarism is a serious form of academic misconduct. Plagiarism includes:

Copying another person's work or data directly from one or more sources without identifying the source. This includes both paper and electronic materials, whether from websites, books, articles, unpublished works such as conference papers, working papers, internal reports, handouts, and visual materials such as photographs, drawings, and designs;

Using very close translations of whole sentences or clauses without reasonable attribution;

Presenting another student's thesis or part thereof without explicit permission;

Using another person's ideas, work, or research data without indication;

Submitting a paper written by someone else, etc.