H9PFM: Portfolio Management

Module Code:	H9PFM
Long Title	Portfolio Management APPROVED
Title	Portfolio Management
Module Level:	LEVEL 9
EQF Level:	7
EHEA Level:	Second Cycle
Credits:	5
Module Coordinator:	CORINA SHEERIN
Module Author:	CORINA SHEERIN
Departments:	School of Business
Specifications of the qualifications and experience required of staff	

Learning Outcomes

On successful completion of this module the learner will be able to:

#	Learning Outcome Description
LO1	Demonstrate a critical awareness of the theoretical underpinnings of modern portfolio management
LO2	Critically assess the role of fundamental, economic and technical analysis in the security selection process.
LO3	Apply modern portfolio theory in the selection of securities and construction of portfolios.
LO4	Demonstrate familiarity with the key principles of portfolio management and identify its use in the modern business.
LO5	Have a practical comprehension of the application of asset pricing models.
LO6	Demonstrate a comprehension of the various methodologies applied in evaluating portfolio performance.

Dependencies

Module Recommendations

No recommendations listed

Co-requisite Modules

No Co-requisite modules listed

Entry requirements	There are no additional entry requirements for this module. The programme entry requirements apply.

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Module Content & Assessment

Indicative Content
Introducing Portfolio Models Basic mechanics of portfolio calculations. Return distributions from historical price data. General case of N assets (matrix notation).
Calculating Efficient Portfolios Theory and calculations necessary for the capital asset pricing model (CAPM). Major results and implementation of these results: how to calculate efficient portfolios and how to calculate the efficient frontier.
Calculating the Variance-Covariance Matrix Sample variance-covariance matrix – computation and limits. Alternatives to the sample matrix – the so-called “shrinkage” methods
Estimating Betas and the Security Market Line What does the CAPM actually say? What are its empirical implications? The capital market line (CML) and the security market line (SML).
Calculating Efficient Portfolios Without Short Sales Finding efficient portfolios of assets when short sales are restricted.
Bond duration and Immunization Strategies Bonds’ duration as a risk measure and bond portfolios’ immunization strategies

Assessment Breakdown	%
Coursework	40.00%
End of Module Assessment	60.00%

Assessments

Full Time

Coursework

Assessment Type:	Continuous Assessment	**% of total:**	40
Assessment Date:	n/a	**Outcome addressed:**	3,4,5
Non-Marked:	No		

Assessment Description:
Candidates are required to complete one in-class Excel-based test, which is a mix of theoretical and problem-based questions. The in-class examination will be worth 40%

End of Module Assessment

Assessment Type:	Terminal Exam	**% of total:**	60
Assessment Date:	End-of-Semester	**Outcome addressed:**	1,2,3,4,5,6
Non-Marked:	No		

Assessment Description:
Final Examination, which will consist of an Excel-based exam.

No Workplace Assessment

Reassessment Requirement

Repeat examination
Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.

Reassessment Description
Repeat assessment of this module will consist of a repeat examination which will test all the learning outcomes.

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Module Workload

Module Target Workload Hours 0 Hours

Workload: Full Time				
Workload Type	*Workload Description*	*Hours*	*Frequency*	*Average Weekly Learner Workload*
Lecture	Classroom and demonstrations	24	Per Semester	2.00
Directed Learning	Directed e-learning	24	Per Semester	2.00
Independent Learning	Independent learning	77	Per Semester	6.42
			Total Weekly Contact Hours	4.00

Module Resources

Recommended Book Resources

Benninga, S. Financial Modeling, 4th Ed.. MIT Press.

Bodie Z., Kane A., and Marcus A.J. Investments, 11th. Mc Graw Hill.

This module does not have any article/paper resources

This module does not have any other resources

Discussion Note:	