

(New course Fall 2026)

PREREQUISITES:	FN 2028 Principles of Finance EC 3046 Investments Analysis and Management I
CATALOG DESCRIPTION:	A hands-on experience on portfolio management, where students create a real stock portfolio, with actual funds. A unique approach is followed, based on fundamental analysis (selected by the students and ratified by the Module Leader). Upon creation, students monitor the portfolio, following an active management strategy.
RATIONALE:	The Finance and Investment modules provide the necessary and theoretical background for stocks investing. However, this course provides hands on experience to the students, as they are invited to use this knowledge to real time and real funds case study, in order to decide on the portfolio, and monitor it, giving them the opportunity to practice on active management strategies based on fundamental analysis and news reaction. To that effect, this course is offered over two consecutive semesters, namely Fall and Spring only. Students receive an internal unofficial incomplete mark (NR=Non Report) at the end of the first (Fall) semester. The final official mark will be given upon the completion of the course at the end of the second (Spring) semester.
LEARNING OUTCOMES:	By the end of the Fall Semester, students should be able to: 1. Design and justify a coherent investment strategy aligned with an investor's risk profile, constraints, and objectives. 2. Critically select, integrate, and calibrate fundamental and technical parameters to construct multi-stage stock screening and filtering frameworks. 3. Construct and optimize an investment portfolio by synthesizing strategic objectives, asset characteristics, and quantitative optimization techniques. By the end of the Spring Semester (the end of the course), students should be able to: 4. Continuously monitor, diagnose, and implement partial or full portfolio rebalancing decisions in response to market conditions, performance deviations, and risk exposures. 5. Critically evaluate and report portfolio performance using professional investment management metrics, benchmarking methodologies, and risk-adjusted performance measures.
METHOD OF TEACHING AND LEARNING:	• Lectures, and interactive discussions. • Use of financial databases (Bloomberg, Workspace, Factset) for empirical analysis. • Group meetings that replicate an Investment Committee, that decision regarding rebalancing will be taken. • Guest lectures from industry professionals (asset managers, private bankers). • Blackboard for resources, announcements, and dashboard.

	All students will be requested to take the Bloomberg Market Concept diploma, as part of the monitoring process								
ASSESSMENT:	Summative: <table border="1"> <tr> <td>1st assessment (Fall Exam) – Evaluation of the first part practices followed by the students, namely stock picking and portfolio formation</td><td>40%</td></tr> <tr> <td>Final assessment (Spring Exam): Rebalancing motivation and performance</td><td>60%</td></tr> </table> Formative: <table border="1"> <tr> <td>Case Studies, Excel applications</td><td>0</td></tr> <tr> <td></td><td></td></tr> </table> The first assessment will evaluate Learning Outcomes 1, 2, 3. The final assessment will evaluate Learning Outcomes 4, 5. Students are required to resit failed assessments in this module. Failure to pass the module results in module repeat	1 st assessment (Fall Exam) – Evaluation of the first part practices followed by the students, namely stock picking and portfolio formation	40%	Final assessment (Spring Exam): Rebalancing motivation and performance	60%	Case Studies, Excel applications	0		
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INDICATIVE READING:	Required Reading: Fabozzi, F., Pachamano, S., 2016, Portfolio Construction and Analytics, Wiley Recommended Reading: - Palaiologo, G., 2021, Advanced Portfolio Management – A Quant's Guide for Fundamental Investors, Wiley - Valuation reports from several sources - Financial Times, Wall Street Journal, Institutional Investor, Hedge Fund Review.								
INDICATIVE MATERIAL: (e.g. audiovisual, digital material, etc.)	REQUIRED MATERIAL: N/A RECOMMENDED MATERIAL: N/A								
COMMUNICATION REQUIREMENTS:	Ability to communicate effectively in English, both verbally and in writing, using academic language and appropriate technical terminology								
SOFTWARE REQUIREMENTS:	Blackboard CMS, MS Office, Bloomberg, Workspace, Factset								

WWW RESOURCES:	• www.institutionalinvestor.com • www.sec.gov • www.esma.europa.eu • Any other open data source during the course implementation
INDICATIVE CONTENT:	• Classification of Asset Classes in S&P 500 index (sector analysis) • Selection of parameters to be used for stock selection process • Selection of parameters' benchmarks • Stock Picking Process • Portfolio optimization and stocks inventory • Monitoring / Rebalancing • Closing of portfolio • Performance valuation report