

ACADEMIC YEAR: 2025/2026	CORPORATE FINANCE		
	SUBJECT CODE: 16640	SEMESTER: ANNUAL	TYPE: SPECIALISMS
CREDITS	7 ECTS		
STUDENT WORKLOAD	Contact Hours	Personal and/or Teamwork	Evaluation
	70	100	5
TEACHING LANGUAGE	English		
CO/PREREQUISITE	None		
SPECIALISM	FINANCE AND ACCOUNTING		
MODE OF DELIVERY	In-person		
FACULTY	BAI, Yan LOVRETA, Lidija PRZYCHODZEN, Wojciech TARRADELLAS, Joan Ramon		
COURSE DESCRIPTION	<p>This course offers a comprehensive exploration of corporate finance as a multidimensional discipline that combines quantitative rigor, strategic insight, and ethical responsibility. It is designed to equip future financial professionals with the analytical tools, valuation techniques, and decision-making frameworks needed to navigate today's volatile, data-rich, and sustainability-conscious business environment.</p> <p>The course begins with a foundational immersion in financial mathematics and risk management. Students will engage with core quantitative concepts such as the time value of money, probability distributions, matrix operations, and the calculation of return and variance. These tools form the basis for understanding how financial decisions are modeled, evaluated, and optimized. Building on this foundation, the course delves into the architecture of modern risk management, examining how firms—especially financial institutions—identify, measure, and mitigate exposure to market risk, credit risk, operational risk, and liquidity risk. Attention is given to regulatory frameworks, organizational design, and the use of digital tools and data analytics to monitor and control risk in real time.</p> <p>The second part of the course focuses on mergers and acquisitions (M&amp;A) as a strategic arena for corporate finance. Through a case-based approach, students will learn to value public and private companies using a range of methodologies, with particular emphasis on the Discounted Cash Flow (DCF) model. Participants will construct full DCF valuations, including the projection of free cash flows, estimation of Weighted Average Cost of Capital (WACC), and calculation of terminal value. Complementary techniques such as multiple valuation, net asset valuation, and real-options analysis will be introduced to refine and stress-test the base case. Throughout, students will explore how valuation is influenced by strategic fit, market dynamics, and ESG factors, including carbon liabilities, reputational risk, and stakeholder expectations.</p> <p>The final section of the course addresses ethics and professional standards in finance. Moving beyond compliance, this segment invites students to reflect on the moral and professional responsibilities of financial decision-makers. Topics include ethical dilemmas in valuation, risk disclosure, and deal-making; the role of codes of conduct and certification standards (e.g., CFA); and the long-term implications of ethical lapses for firms, markets, and society. Students will examine real-world cases and develop a practical understanding of how ethical reasoning supports trust, transparency, and resilience in financial institutions.</p> <p>Throughout the course, participants will work with real financial data, valuation models, and regulatory materials. They will be challenged to integrate technical analysis with strategic judgment and ethical awareness, preparing them to contribute meaningfully to corporate decision-making and financial leadership in a world of accelerating change.</p>		
LEARNING OUTCOMES	KNOWLEDGE	RAK1.1	Identify the latest financial management theories and their applicability to a global business environment, taking into account culture, technology and ESG criteria.
		RAK5	Understand fundamental accounting and financial management concepts and techniques and their relationship to the financial viability and sustainability of the organization.
		RAK 7	Explain business decisions and practices and their economic, social, and environmental impacts, along with their ethical dimensions.
	SKILLS	RAS2.1	Apply economic data-driven analysis to improve financial perf metrics, considering organizational and sustainability objectives.

		RAS5	Implement team engagement strategies, taking into account gender differences and diversity criteria.		
		RAS7.1	Incorporate cutting-edge technological solutions in their relevant areas of practice, taking into account relevant ethical considerations.		
	COMPETENCES	RAC3	Develop advanced leadership skills to manage teams inclusively and effectively in a technological environment, focusing on innovation.		
		RAC6.1	Promote responsible financial practices that foster sustainable growth and an ethical culture to generate a lasting positive impact.		
SDGS ADDRESSED	<table border="0"> <tr> <td style="vertical-align: top;"> <input checked="" type="checkbox"/> SDG 1 – No Poverty  <input checked="" type="checkbox"/> SDG 2 – Zero Hunger  <input type="checkbox"/> SDG 3 – Good Health and Well Being  <input type="checkbox"/> SDG 4 – Quality education  <input checked="" type="checkbox"/> SDG 5 – Gender equality  <input type="checkbox"/> SDG 6 – Clean water and sanitation  <input type="checkbox"/> SDG 7 – Affordable and clean energy  <input checked="" type="checkbox"/> SDG 8 – Decent work and economic growth  <input checked="" type="checkbox"/> SDG 9 – Industry, Innovation, Technology and Infrastructure         </td> <td style="vertical-align: top;"> <input type="checkbox"/> SDG 10 – Reduced inequality  <input type="checkbox"/> SDG 11 – Sustainable cities and communities  <input checked="" type="checkbox"/> SDG 12 – Responsible consumption and production  <input checked="" type="checkbox"/> SDG 13 – Climate action  <input type="checkbox"/> SDG 14 – Life below water  <input type="checkbox"/> SDG 15 – Life on land  <input checked="" type="checkbox"/> SDG 16 – Peace, justice and strong institutions  <input type="checkbox"/> SDG 17 – Partnerships for the goals         </td> </tr> </table>			<input checked="" type="checkbox"/> SDG 1 – No Poverty <input checked="" type="checkbox"/> SDG 2 – Zero Hunger <input type="checkbox"/> SDG 3 – Good Health and Well Being <input type="checkbox"/> SDG 4 – Quality education <input checked="" type="checkbox"/> SDG 5 – Gender equality <input type="checkbox"/> SDG 6 – Clean water and sanitation <input type="checkbox"/> SDG 7 – Affordable and clean energy <input checked="" type="checkbox"/> SDG 8 – Decent work and economic growth <input checked="" type="checkbox"/> SDG 9 – Industry, Innovation, Technology and Infrastructure	<input type="checkbox"/> SDG 10 – Reduced inequality <input type="checkbox"/> SDG 11 – Sustainable cities and communities <input checked="" type="checkbox"/> SDG 12 – Responsible consumption and production <input checked="" type="checkbox"/> SDG 13 – Climate action <input type="checkbox"/> SDG 14 – Life below water <input type="checkbox"/> SDG 15 – Life on land <input checked="" type="checkbox"/> SDG 16 – Peace, justice and strong institutions <input type="checkbox"/> SDG 17 – Partnerships for the goals
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STUDENT ASSESSMENT	SE01 - Class Participation SE02 - Continuous monitoring of work SE04 - Written Examination SE05 - Projects & activities	(10% min - 40% max) 0% (10% min - 60% max) (10% min -40% max)		
GRADING SYSTEM	Please refer to the Academic Regulations for the grading system used in the Programme and further details and for information concerning absences, participation in class, plagiarism, etc.			

16640 SUBJECT RUBRIC

ACADEMIC YEAR: 2025/2026

ILO Code	ILO Description	Weight %	Exemplary (100%-85%)	Proficient (84%-65%)	Developing (65%-50%)	Beginning (<50%)
RAK1.1	Identify the latest financial management theories and their applicability to a global business environment, taking into account culture, technology and ESG criteria.	10%	Identifies ≥3 financial theories (e.g., capital structure, risk-return, M&A strategy); compares across global and ESG contexts	Explains 2 theories with basic relevance to global or strategic settings	Mentions 1 theory; limited contextual insight	No clear theory or context
RAK5	Understand fundamental accounting and financial management concepts and techniques and their relationship to the financial viability and sustainability of the organization.	10%	Applies accounting and finance tools (e.g., DCF, WACC, valuation multiples) to assess viability and long-term sustainability	Uses core financial tools with general sustainability mention	Basic financial understanding; weak sustainability link	Misunderstands financial concepts or tools
RAK7	Explain business decisions and practices and their economic, social, and environmental impacts, along with their ethical dimensions.	10%	Evaluates corporate finance decisions (e.g., M&A, risk disclosure) with economic, social, environmental, and ethical lenses	Describes impacts and ethics with general examples	Mentions some impacts; lacks ethical depth	No meaningful impact or ethics analysis
RAS2.1	Apply economic data-driven analysis to improve financial perf metrics, considering organizational and sustainability objectives.	25%	Uses financial models and real-time data to optimize valuation, risk management, and strategic decisions with ESG integration	Applies standard analysis tools with some sustainability or performance linkage	Performs basic analysis; limited strategic or sustainability use	Incomplete or inaccurate analysis
RAS5	Implement team engagement strategies, considering gender differences and diversity criteria.	5%	Designs inclusive collaboration strategies for finance, valuation, or M&A teams with gender/diversity awareness	Applies basic engagement strategies with general diversity awareness	Lists tactics with minimal diversity consideration	No engagement or diversity strategy
RAS7.1	Incorporate cutting-edge technological solutions in their relevant areas of practice, considering relevant ethical considerations.	10%	Integrates financial databases, modeling platforms, and AI tools ethically in valuation and risk management	Uses tech tools with basic ethical awareness	Mentions tech use; lacks ethical reflection	No tech or ethical consideration
RAC3	Develop advanced leadership skills to manage teams inclusively and effectively in a technological environment, focusing on innovation.	10%	Leads finance teams using digital platforms and modeling tools; fosters innovation and inclusive culture	Demonstrates leadership with some tech and inclusion	Shows basic leadership; limited tech or innovation focus	No leadership or innovation evident
RAC6.1	Promote responsible financial practices that foster sustainable growth and an ethical culture to generate a lasting positive impact.	20%	Designs financial strategies and valuation frameworks that embed ethics, ecological performance, and long-term stakeholder value	Suggests responsible practices with general ethical framing	Identifies ethical concerns; lacks strategic depth	No responsible or ethical practice proposed