UNIVERSITY OF FREDERICTON

# Finance Leadership
# (FL 8120) Financial Modeling for Decision Makers

## Course Description

This course provides students with foundational knowledge and skills in modelling techniques and covers topics such as forecasting cash flows and projecting revenues, expenses, and financial health. Financial modelling helps business leaders make informed decisions and plans about business goals and projects, whether planning for current operations or for capital projects and business growth. Leaders of startups, established global enterprises, or nonprofit organizations benefit from understanding how financial modelling enhances knowledge about the potential impact of business decisions on revenue and expense streams, cash flow, and profitability. Students will explore additional topics, such as using scenarios, sensitivity, and other tools to better understand the financial situation and risks facing business organizations. The course will assist decision-makers in preparing and managing business projects and actions through practical applications such as case analyses and team projects.

## Learning Objectives

**As a result of this course, the student will be able to:**

- Explain the purposes and uses of financial modelling in decision-making scenarios
- Discuss financial modelling principles and approaches, including their role in various organizational structures
- Demonstrate technical proficiency using software tools to build financial models
- Create models that will assist decision-makers in forecasting, budgeting, and capital projects
- Model and interpret risk, scenario, and sensitivity analyses with a high degree of accuracy
- Interpret and professionally communicate modelling results for decision-making purposes

**Grade Scheme: Letter Grade** **Minimum Pass: 70%**

**Deliverables:**

- **Participation**
- **Assignments**
- **Team Projects**

| Grade | Grade Point Average (GPA) | Percentage |
|---|---|---|
| A+ | 4.3 | 90-100% |
| A | 4.0 | 94-97% |
| A- | 3.7 | 90-93% |
| B+ | 3.3 | 87-89% |
| B | 3.0 | 84-86% |
| B- | 2.7 | 80-83% |
| C+ | 2.3 | 76-79% |
| C- | 2.0 | 70-75% |
| F | 0.0 | 0-69% |

UNIVERSITY OF FREDERICTON

# Finance Leadership
# (FL 8121) International Finance

## Course Description

International Finance builds on the learnings provided in the Financial Modeling course, the first course in the Finance Leadership Specialty Stream. Students will have the opportunity to apply modeling skills to financial problems and challenges that global enterprises face each day. These problems range include matters such as measuring exchange rate exposure, assessing financial and capital investment opportunities, and managing cash balances across multiple currencies.

International Finance explores the financial issues and challenges that arise in a global business environment. The course covers topics such as exchange rate risk management, international investment strategies, multinational capital budgeting, global capital markets, and the impact of international financial institutions. Emphasis is placed on practical applications and real-world case studies to develop students' analytical and decision-making skills in managing financial operations across borders. Students will gain practical experience through case studies and/or team projects.

## Learning Objectives

**As a result of this course, the student will be able to:**

- Summarize the fundamentals of international finance and their relevance in the context of global commerce
- Analyze the impact of exchange rate fluctuations on multinational corporations and develop strategies to mitigate currency risk
- Evaluate different methods of international investment appraisal that can inform decisions about capital allocation
- Explore the functioning of global capital markets and the role of international financial institutions
- Improve skills in managing cross-border financing, including international debt and equity financing
- Apply theoretical concepts to real-world scenarios through case studies and practical exercises

**Grade Scheme: Letter Grade** **Minimum Pass: 70%**

**Deliverables:**

- **Participation**
- **Assignments**
- **Exams**

| Grade | Grade Point Average (GPA) | Percentage |
|---|---|---|
| A+ | 4.3 | 90-100% |
| A | 4.0 | 94-97% |
| A- | 3.7 | 90-93% |
| B+ | 3.3 | 87-89% |
| B | 3.0 | 84-86% |
| B- | 2.7 | 80-83% |
| C+ | 2.3 | 76-79% |
| C- | 2.0 | 70-75% |
| F | 0.0 | 0-69% |

UNIVERSITY OF FREDERICTON

# Finance Leadership
# (FL 8122) Financial Innovations and Fintech

## Course Description

Financial Innovations and Fintech builds on the foundational concepts introduced in the first course in the Finance Leadership Specialty Stream. This course provides students with the knowledge, skills, and insights required to navigate and succeed in the dynamic world of fintech.

Students will explore the rapidly evolving landscape of financial technology and its impact on traditional financial services. The course covers key topics such as innovations in banking, insurance, investment, and payment systems driven by technological advancements. The course also covers blockchain and cryptocurrencies, robo-advisors, peer-to-peer lending, crowdfunding, algorithmic trading, and regulatory challenges associated with fintech. Through case studies and/or team projects, students will gain insights into the disruptive potential of fintech and its implications for the future of finance, preparing them to adapt and thrive in this rapidly changing industry.

## Learning Objectives

**As a result of this course, the student will be able to:**

- Analyze the concept of financial innovation and its role in transforming the financial industry
- Discuss different types of financial technologies and their applications in banking, investment, insurance, and payments
- Investigate the impact of fintech on traditional financial services, including customer experience, risk management, and business models
- Critique the opportunities and challenges associated with blockchain, cryptocurrencies, and decentralized finance (DeFi)
- Analyze regulatory frameworks and ethical considerations in the fintech ecosystem
- Develop critical thinking and problem-solving skills through real-world case studies and hands-on projects

**Grade Scheme: Letter Grade** **Minimum Pass: 70%**

**Deliverables:**

- **Participation**
- **Assignments**
- **Team Projects**
- **Exams**

| Grade | Grade Point Average (GPA) | Percentage |
|---|---|---|
| A+ | 4.3 | 90-100% |
| A | 4.0 | 94-97% |
| A- | 3.7 | 90-93% |
| B+ | 3.3 | 87-89% |
| B | 3.0 | 84-86% |
| B- | 2.7 | 80-83% |
| C+ | 2.3 | 76-79% |
| C- | 2.0 | 70-75% |
| F | 0.0 | 0-69% |