

Financial Economics

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Introduction

- Finance (FIE) – the most popular profile at NHH
 - Around 40% of all masters students
- Why is that?
 - A really interesting and exciting subject.
 - FIE is a well-structured major with a diverse portfolio of high-quality courses.
 - Strong job prospects given the recognized FIE brand.

Careers and skills

- Wide range of outstanding career opportunities within:
 - financial services,
 - consulting,
 - and management.
- Upon completion of the programme, you will be able to:
 - perform investment analysis and valuation,
 - evaluate portfolio management strategies,
 - make corporate finance decisions,
 - integrate risk management in your decisions.

Basic structure

- Students are required to take a minimum of 45 ECTS within FIE
 - 3 mandatory FIE courses (22.5 ECTS) + 3 FIE electives (22.5 ECTS)
- On top of the major, students can:
 - Take up to three more FIE elective courses,
 - take a minor,
 - Or take part in an exchange program.
- 3 courses (22.5 ECTS) have to be taken outside of Finance
- A minimum of 2.5 ECTS have to be in an Ethics course
- Thesis

Mandatory Courses

- Core courses:
 - FIE400 Investments/Financial Markets
 - FIE402 Corporate Finance

- One empirical methods course:
 - FIE401: Financial Econometrics
 - ECO402: Econometric Techniques

Ethics

- The following course is a FIE elective that fulfills the Ethics requirement:
 - FIE459 Sustainable Finance

- You can take any of the Ethics approved courses.

Electives

- Designing the individually optimal course–portfolio
 - How much in–depth specialization?
 - How much diversity?
 - How much priority to "more advanced" courses?

A lot of flexibility... Choose wisely!!

• FIE403 Business Cycle Analysis	• FIE446 Financial Engineering
• FIE420 Pengemarkeder og Bankvesen	• FIE447 Trading, Liquidity, and Pricing in Securities Markets
• FIE421 Long-Term Macroeconomic Analysis	• FIE448 Banking and Financial Technology (FinTech)
• FIE423 Finansiell modellering av renteinstrumenter	• FIE450 Programming with Applications in Finance
• FIE425 Derivatives and Risk Management	• FIE451 Asset Management with Programming Applications
• FIE426 Kapitalforvaltning	• FIE453 Big Data with Applications to Finance
• FIE428 Cases in Corporate Finance	• FIE457 Entrepreneurial Finance
• FIE431 Krakk og Kriser	• FIE458 Deep Learning with Applications to Finance
• FIE432 Personlig Økonomi	• FIE459 Sustainable Finance
• FIE433 International Finance	• BAN432 Applied Textual Data Analysis for Business and Finance
• FIE434 Behavioural Finance and Wealth Management	• ECN430 Empirical Methods and Applications in Macroeconomics and Finance
• FIE436 Venture Capital, Private Equity and IPO's	• ECO420 Corporate Governance
• FIE437 Valuation	• ECO421 Asset Pricing
• FIE441 Taxes and Business Strategy	• ECO422 Advanced Corporate Finance
• FIE442 Growth and Architecture of Financial Systems	• ECO423 Principles of Derivatives Pricing and Risk Management
• FIE443 Mergers and Acquisitions	• ECO425 International Macroeconomics
• FIE444 Bank Management	• ECO440 Economics of Uncertainty: Insurance and Finance

Profile tracks

- **Corporate Finance**
 - Prepares students for careers in investment banking, M&A advisory, security analysis, commercial banking, private equity, management consulting, and corporate positions.
- **Capital Markets**
 - Prepares students for careers in portfolio management, risk management, treasury functions, and securities sales and trading.
- **Quantitative Finance and Fintech**
 - Prepares students for careers as specialists in quantitative-oriented areas such as asset management, risk management, and financial product development, as well as financial regulation.

Recommended course combinations

- **Corporate Finance:**
 - FIE428 Cases in Corporate Finance
 - FIE433 International Finance
 - FIE436 Venture Capital, Private Equity and IPO's
 - FIE437 Valuation
 - FIE441 Taxes and Business Strategy
 - FIE443 Mergers and Acquisitions
 - FIE444 Bank Management
 - FIE457 Entrepreneurial Finance
 - FIE459 Sustainable Finance
 - FIE460 Ship Finance and Marine Insurance
 - ECO420 Corporate Governance
 - ECO422 Advanced Corporate Finance

Recommended course combinations

• Capital Markets:

- FIE403 Business Cycle Analysis
- FIE421 Long-Term Macroeconomic Analysis
- FIE425 Derivatives and Risk Management
- FIE433 International Finance
- FIE434 Behavioural Finance and Wealth Management
- FIE442 Growth and Architecture of Financial Systems
- FIE446 Financial Engineering
- FIE447 Trading, Liquidity, and Pricing in Securities Markets
- FIE448 Banking and Financial Technology (FinTech)
- FIE450 Programming with Applications in Finance
- FIE451 Asset Management with Programming Applications
- FIE459 Sustainable Finance
- FIE461 Risk and Insurance
- ECO425 International Macroeconomics
- ECO440 Economics of Uncertainty: Insurance and Finance
- FIE420 Pengemarkeder og Bankvesen
- FIE423 Finansiell modellering av renteinstrumenter
- FIE426 Kapitalforvaltning
- FIE431 Krakk og Kriser
- FIE432 Personlig Økonomi

Recommended course combinations

- **Quantitative Finance and Fintech:**
 - FIE446 Financial Engineering
 - FIE448 Banking and Financial Technology (FinTech)
 - FIE450 Programming with Applications in Finance
 - FIE451 Asset Management with Programming Applications
 - FIE453 Big Data with Applications to Finance
 - FIE458 Deep Learning with Applications to Finance
 - BAN432 Applied Textual Data Analysis for Business and Finance
 - ECN430 Empirical Methods and Applications in Macroeconomics and Finance
 - ECO421 Asset Pricing
 - ECO423 Principles of Derivatives Pricing and Risk Management

Track Specialization

- There is no formal requirement for tracks.
- Students not wanting to specialize can choose electives from all tracks.
- If students want to specialize in a specific track then we recommend that a minimum of three FIE elective courses are chosen from that track.

Suggested timeline

- First semester:
 - FIE400 Investments
 - FIE402 Corporate Finance
 - FIE401: Financial Econometrics or ECO402: Econometric Techniques
 - FIE459 Sustainable Finance
- Second and third semesters:
 - Electives
 - Semester abroad or more electives
- Fourth semester: Thesis

Examples of topics covered in FIE

- The Government Pension Fund Global – The Norwegian Oil Fund
 - <https://www.nbim.no/>
- M&A deals
 - <https://www.vox.com/culture/2019/3/20/18273477/disney-fox-merger-deal-details-marvel-x-men>
- Financial crisis
 - <https://www.youtube.com/watch?v=II1EAHleDQc>
- Covid crisis
 - <https://www.youtube.com/watch?v=Y2p0HjK7HHw>
 - <https://www.youtube.com/watch?v=gBQQjFhJ4-8>
 - <https://www.youtube.com/watch?v=vCa9HlVN3Is>
 - <https://www.youtube.com/watch?v=AlrYS0DWy0Q>

Former FIE students



Yngve Slyngstad

- Departing CEO of Norges Bank Investment Management (NBIM)
- NBIM part of the Norwegian Central Bank that is responsible for managing The Government Pension Fund – Global.
- In 2013 and 2014, Slyngstad was on the Forbes list of The World's Most Powerful People as #70 and #72, respectively.

Former FIE students



REAL TIME NET WORTH

as of 4/2/19

\$1.2B

- Former business journalist Svein Støle is the owner of Pareto Group, a financial services conglomerate.
- The company provides financing, research and asset-management services to such clients as foundations, pension funds and high-net-worth individuals.
- Through Pareto's shipping arm it also manages tankers, dry bulk ships and drilling rigs.
- Støle worked as a journalist for Norwegian business publication Kapital before taking a job as an analyst at an investment bank in 1987.
- In 1992 he and a group of investors bought Pareto, then a small project finance and securities outfit of bankrupt Oslobanken.

Source: Forbes

FIE: Concluding remarks

- If you have already decided that FIE is the right major for you,
 - welcome!
- If you are still in doubt,
 - try it out
 - and remember that your choice of major is not set in stone.
- If you have already decided that FIE is not for you,
 - thanks for sticking around till the end of the video,
 - and seriously consider taking a couple of courses in FIE.
- Questions: Francisco.Santos@nhh.no