RESEARCH SCHOOL OF FINANCE, ACTUARIAL STUDIES AND STATISTICS

Textbook List
First Semester 2017

FINM1001 Foundations of Finance:

Essential Text
Author: Titman, S. et al
Title: Financial Management – Principles and Applications
Edition: 7th
ISBN: 9781486019649

STAT1003 Statistical Techniques:

Essential Text
Author: Diez, D., Barr, C. and Cetinkaya-Rudel M.
Title: Open Intro Statistics
Edition: 3rd
ISBN: 1943450048

Recommended Text
Author: MacGillivray H et al
Title: Mind on Statistics
Edition: 2nd
ISBN: 9780170227810

STAT1008 Quantitative Research Methods:

Essential Text
Author: Lock, R. et al
Title: Statistics: Unlocking the Power of Data
Edition: 1st
ISBN: 9780470601877

FINM2001 Corporate Finance:

Essential Text
Author: Berk, J. and DeMarzo, P.
Title: Corporate Finance (Global Edition)
Edition: 3rd

STAT2001/6039 Introductory Mathematical Statistics/Principles of Mathematical Statistics:

Essential Text
Author: Wackerly, D., Mendenhall, W. and Scheaffer, R
Title: Mathematical Statistics with Applications
Edition: 7th
ISBN: N/A
FINM2002/7041 Derivatives/Applied Derivatives:

**Essential Text**

**Author:** Hull, J., Treepongkaruna, S., Heaney, R., Pitt, D. and Colwell, D.
**Title:** Fundamentals of Futures and Options Markets
**Edition:** 1st
**ISBN:** 978-1-4425-3279-3

FINM2003 Investments:

**Essential Text**

**Author:** Bodie, Z., Kane, A. and Marcus, A.
**Title:** Investments
**Edition:** 10th
**ISBN:** 978-0-07-786167-4

STAT2008/4038/6038 Regression Modelling:

**Recommended Text**

**Author:** Faraway, J.
**Title:** Linear Models with R
**Edition:** 2nd
**ISBN:** 978-1-4398-8733-2

**Author:** Verzani, J.
**Title:** Using R for Introductory Statistics
**Edition:** 2nd
**ISBN:** 978-1-4665-9073-1

FINM3003/7003 Continuous Time Finance:

**Essential Text**

**Author:** Hull, J.
**Title:** Options Futures and Other Derivatives
**Edition:** 8th
**ISBN:** 978-0-273-75907-2

STAT3004/4018/7018 Stochastic Modelling:

**Essential Texts**

**Author:** Rosenthal, J.
**Title:** A First Look at Rigorous Probability
**Edition:** 2nd
**ISBN:** 978-981-270-371-2

FINM3005 Corporate Valuation:

**Essential Text**

**Author:** Koller, T., Goedhart, M. and Wessels D.
Title: Valuation: Measuring and Managing the Value of Companies
Edition: 5th
ISBN: 978-0-470-427470-4

FINM3006 Financial Intermediation and Debt Markets:

Essential Text
Author: Saunders, A. and Cornett, M.
Title: Financial Institutions Management: A Risk Management Approach
Edition: 7th
ISBN: 978-0-07-353075-8

FINM3008/8016 Applied Portfolio Construction:

Recommended Text
Author: Stewart, S., Piros, C. and Heisler, J.
Title: Running Money: Professional Portfolio Management
Edition: 1st
ISBN: 978-0-07-353058-1

STAT3012/4029/7029 Design of Experiments and Surveys:

Recommended Text
Author: Lohr, S.
Title: Sampling: Design and Analysis
Edition: 2nd
ISBN: N/A

Author: Montgomery, D.
Title: Design and Analysis of Experiments
Edition: 8th
ISBN: N/A

STAT3013/4027/8027 Statistical Inference:

Essential Text
Author: Rice, J.
Title: Mathematical Statistics and Data Analysis
Edition: 3rd
ISBN: 9780534399429

Recommended Text
Author: Casella, G. and Berger, R.
Title: Statistical Inference
Edition: 2nd
ISBN: 9780534243128

STAT3032/4072/7042/8003 Survival Models/Biostatistics:

Essential Text
Author: Hosmer, D. et al
Title: Applied Survival Analysis: Regression Modelling of Time to Event Data
Edition: 2nd
ISBN: 9780471754992
STAT3040/4040/7040 Statistical Learning:

**Essential Text**
- Author: Silver, N.
- Title: The Signal and the Noise: Why So Many Predictions Fail—But Some Don’t
- Edition: N/A
- ISBN: 978-0143125028

**Recommended Text**
- Author: James, G. et al
- Title: An Introduction to Statistical Learning: With Applications in R
- Edition: N/A
- ISBN: 978-1461471370
- Author: Hastie, T., Tibshirani, R. and Friedman, J.
- Title: The Elements of Statistical Learning: Data Mining, Inference, and Prediction
- Edition: 2nd
- ISBN: N/A

ACST4031/8040 Actuarial Control Cycle 1:

**Essential Text**
- Author: Bellis, C., Lyon, R., Klugman, S. and Shepherd, J.
- Title: Understanding Actuarial Management: The Actuarial Control Cycle
- Edition: 2nd
- ISBN: 978-0-85813-074-6

FINM7006 Applied Foundations of Finance:

**Essential Text**
- Author: Titman, S. et al
- Title: Financial Management – Principles and Applications
- Edition: 7th
- ISBN: 9781486019649

FINM7007 Applied Corporate Finance:

**Essential Text**
- Author: Berk, J. and DeMarzo, P.
- Title: Corporate Finance
- Edition: 4th
- ISBN: 9781292160160

FINM7008 Applied Investments:

**Essential Texts**
- Author: Bodie, Z., Kane, A. and Marcus, A.
- Title: Investments
- Edition: 10th
- ISBN: 978-0-07-786167-4
- Author: Marc-Anthony, I.
- Title: Solution Manual for Investments
- Edition: N/A
FINM7044 Applied Valuation:

**Essential Text**
Author: Damodaran, A.
Title: Investments Valuation
Edition: 3rd

STAT7055/4055 Introductory Statistics for Business and Finance:

**Essential Text**
Author: Keller, G.
Title: Statistics for Management and Economics
Edition: 10th
ISBN: 9781285425450

STAT8002/4102 Applied Time Series Analysis:

**Essential Text**
Author: Shumway, R. and Stoffer, D.
Title: Time Series Analysis and Its Application
Edition: 3rd

FINM8006/4016 Advanced Investments:

**Recommended Text**
Author: Cochrane, J.
Title: Asset Pricing
Edition: Revised Edition
ISBN: 978-0-691-12137-6

FINM8007 Topics in International Finance:

**Recommended Text**
Author: Eun, C. and Resnick, B.
Title: International Financial Management
Edition: 6th and 7th
ISBN: 0078034655

Author: Butler, K.
Title: Multinational Finance: Evaluating Opportunities, Costs, and Risks of Operations
Edition: 5th
ISBN: 978-1-118-27012-7

Author: Madura, J.
Title: International Financial Management
Edition: 12th
ISBN: 9781133947837

Author: Moffett, M., Stonehill, A. and Eiteman, D.
Title: Fundamentals of Multinational Finance
Edition: 5th
ISBN: 9780205989751
FINM8014 Applied Financial Intermediation and Debt Markets:

*Essential Text*

Author: Saunders, A. and Cornett, M.
Title: Financial Institutions Management: *A Risk Management Approach*
Edition: 7th
ISBN: 978-0-07-353075-8

STAT2032/6046 Financial Mathematics:

*No Text Required*

STAT3035/4035/8035 Risk Theory:

*No Text Required*

FINM3045/7045 Asian Capital Markets:

*No Text Required*

ACST4045/8045 Advance insurance:

*No Text Required*

STAT8004/4015 Advanced Corporate Finance:

*No Text Required*

ACST8060/4060 Enterprise Risk Management 1:

*No Text Required*

FINM8100 Applied Project in Finance:

*No Text Required*
CHAPTER 1 An Introduction to Financial Management CHAPTER ORIENTATION

This chapter lays a foundation for what will follow. First, it focuses on the goal of the firm, followed by a review of the legal forms of business organization. Ten principles that form the foundations of financial management then follow.

CHAPTER OUTLINE

I. Goal of the firm
   A. In this book we will designate maximization of shareholder wealth, by which we mean maximization of the total market value of the firm’s common stock, to be the goal of the firm. To understand this goal and its inclusive nature it is first necess...