

## □ Graduate Programs

- 1) Master's Program: at least 45 credits and 1AU  
(at least 36 credits for coursework + at least 9 research credits).

Mandatory General	Mandatory Major	Elective	Research	Total
3 (1AU)	3	30	9	45

- Mandatory General Courses: 3 credits & 1AU
  - CC020 Research Ethics and Safety Management (1AU)
  - CC511 Probability and Statistics
    - [ Substitution: BA581 Probability and Statistics (All unit), BA582 Statistical Decision Analysis and Forecasting (Managerial Economics, Finance, Accounting, Marketing, Operations Strategy and Management Science, IT Management unit), BA583 Statistical analysis for behavioral science (Marketing, Organization and Strategic Management, IT Management unit) ]
- Mandatory Major Courses: at least 3 credits
  - Finance, Accounting Unit : BA582 Statistical Decision Analysis and Forecasting
  - Organization and Strategic Management, IT Management, Marketing Unit : BA541 Research Methods in Behavioral Science
  - Managerial Economics, Operations Strategy and Management Science Unit : 1 Course among
    - ① BA541 Research Methods in Behavioral Science
    - ② BA582 Statistical Decision Analysis and Forecasting
      - [substitution: BA522 Econometrics and BA683 Time series analysis and forecasting ]
- Elective Courses: at least 30 credits
 

Students are required to choose on(or up to two) tracks including

  - 1) Accounting (at least 12 credits)
    - BA511 Financial Accounting [ substitution: BA811 Seminar in Financial Accounting, BA813 Empirical Methods in Financial Accounting ]
    - BA512 Accounting Information and Capital Market [ substitution: BA812 Analytical Research in Accounting, BA814 Special Topics in Accounting Research ]
    - BA521 Microeconomic Analysis [ substitution: BA621 Microeconomic Theory ]
    - 1 Course among
      - BA811 Seminar in Financial Accounting
      - BA812 Analytical Research in Accounting
      - BA813 Empirical Methods in Financial Accounting
      - BA814 Special Topics in Accounting Research
  - 2) Managerial Economics (at least 9 credits)
    - BA521 Microeconomic Analysis
      - [ substitution: BA621 Microeconomic Theory, BA624 Industrial Organization ]
    - BA522 Econometrics [ substitution: BA721 Applied Econometrics ]
    - BA623 Economics of Innovation
  - 3) Finance (at least 9 credits)
    - BA521 Microeconomic Analysis [ substitution: BA621 Microeconomic Theory ]
    - BA631 Theory of Finance I

BA632 Theory of Finance II

4) Organization and Strategic Management (at least 12 credits)

BA542 Organizational Behavior

BA543 Strategic Management

BA544 R & D Management

BA545 Organization Theory

5) Marketing (at least 9 credits)

BA551 Marketing Theory

BA652 Marketing Data Analysis [ substitution: BA651 Theories in Consumer Behavior ]

BA751 Advanced Issues in Marketing

6) IT Management (at least 9 credits)

BA561 IT Management

BA562 Business System Analysis and Design

BA563 Business Media and Communication

7) Operations Strategy and Management Science (at least 9 credits)

BA521 Microeconomic Analysis [ substitution: BA621 Microeconomic Theory ]

2 Course among

BA571 Mathematical Programming

BA572 Operations Management

BA522 Econometrics

BA683 Time series analysis and forecasting

8) Green Business (at least 10.5 credits)

GG511 Creating Green Business and Commercialization(1.5)

[substitution: MGT534 Entrepreneurship and New Venture Creation(1.5), PMB529 New Business Development(1.5), PMB534 Entrepreneurship and New Venture Creation(1.5)]

GG515 Smart Grid(1.5)

GG531 Green Accounting (1.5)

GG532 Carbon Emission Trading Market and Carbon Finance(1.5)

GG535 Valuation of Green Firms(1.5)

GG536 Green Fund Investment Strategy(1.5)

GG537 Green Derivatives(1.5)

GG538 Case Study in Green Finance(1.5)

GG540 Green Marketing(1.5)

GG542 Green Innovation and Strategy(1.5)

GG545 Green Value Chain and Carbon Management(1.5)

GG550 Green IT(1.5)

GG555 Environmental and Energy System Risk Management(1.5)

GG570 Green Growth Policy(3)

GG572 Energy and Environment Research Methods in Behavioral Science(3)

GG601 Research Methodology for Green Business(3)

GG701 Special Topics in Green Business(3)

o Research: at least 9 credits (including seminar credits)

- Seminar: 1 (required) (“CC010 Leadership Lecture“ is counted as seminar)
- Personal Research : up-to 3 credit
- o English Proficiency Requirement
  - Students are required to complete at least two English Courses. (BUS Courses)
    - BUS927 Business Presentation
    - BUS929 Academic Writing in English
  - This requirement can be waived for the students who have passed English screening test.

2) Doctoral Program: at least 66 credits and 1AU

(at least 36 credits for coursework + at least 30 research credits,  
not required, if you have already fulfilled this in the master’s program.)

Mandatory General	Mandatory Major	Elective	Research	Total
3 (1AU)	3	30	30	66

- o Mandatory General Courses: 3 credits & 1AU
- o Mandatory Major Courses: at least 3 credits
- o Research: at least 30 credits
  - Personal Research : no more than 7 credit
  - Don’t admit credits to take in Master’s degree
- o Elective Courses: at least 30 credits

Students are required to choose on(or up to two) tracks including

1) Accounting (at least 21 credits)

- BA521 Microeconomic Analysis [ substitution: BA621 Microeconomic Theory ]
- BA522 Econometrics  
[substitution: BA681 Multivariate Statistical Analysis, BA683 Time series analysis and forecasting]
- BA632 Theory of Finance II
- BA811 Seminar in Financial Accounting
- BA812 Analytical Research in Accounting
- BA813 Empirical Methods in Financial Accounting
- BA814 Special Topics in Accounting Research

2) Managerial Economics (at least 12 credits)

- BA521 Microeconomic Analysis  
[ substitution: BA621 Microeconomic Theory, BA624 Industrial Organization ]
- BA522 Econometrics [ substitution: BA721 Applied Econometrics ]
- BA622 Game Theory and Applications
- BA623 Economics of Innovation

3) Fiance (at least 9 credits)

- BA631 Theory of Finance I
- BA632 Theory of Finance II
- BA635 Empirical Studies in Finance  
[ substitution: BA732 Empirical Corporate Finance, BA734 Empirical Asset Pricing,  
BA736 Empirical Research in Capital Markets, BA737 Financial Econometrics ]



GG536 Green Fund Investment Strategy(1.5)  
GG537 Green Derivatives(1.5)  
GG538 Case Study in Green Finance(1.5)  
GG540 Green Marketing(1.5)  
GG542 Green Innovation and Strategy(1.5)  
GG545 Green Value Chain and Carbon Management(1.5)  
GG550 Green IT(1.5)  
GG555 Environmental and Energy System Risk Management(1.5)  
GG570 Green Growth Policy(3)  
GG571 Green Technology R&D and Green Industry Policy(1.5)  
GG572 Energy and Environment Research Methods in Behavioral Science(3)  
GG701 Special Topics in Green Business(3)

- Research: at least 30 credits
  - Personal Research : up-to 7 credit
  - Don't admit credits to take in Master's degree
  
- English Proficiency Requirement
  - Students are required to complete at least three English Courses. (BUS Courses)
    - BUS928 Teaching Effectiveness in English
    - BUS927 Business Presentation
    - BUS929 Academic Writing in English
    - [BUS927 and BUS929 can be waived for the students who have passed English screening test]
  
  - Students are required to obtain level 8(Advanced-Mid) or higher score in OPI Test before final evaluating dissertations for requesting degrees. Thus, Doctoral students are required to get the English Teaching Effectiveness Certificate.
  
- Notes
  - Be admitted until 9 credits from other program.
  - The credits earned in the Master's course work can be used towards the Doctoral degree (except research credits).