

**Major Course Completion Requirements for
Green Business & Policy Program
(For Master's Program)**

Thesis Mater's Degree Program

Please check the common graduation requirements.

■ **Credit Requirement for Graduation:** Required to complete a total of more than 45 credits

■ **Mandatory General Courses:** 3 credits and 1AU

○ CC511 Probability and Statistics(3)

[substitution: BA581 Probability and Statistics,
BA582 Statistical Decision Analysis and Forecasting,
MGT503 Management Statistical Analysis,
IM503 Statistical Analysis and Decision Modeling]

■ **Mandatory Major Courses:** 9 credits

■ **Elective Courses:** Minimum 27 credits

○ Students can choose maximum 2 tracks from below areas and course subject can only be counted as one of the track

- Green Finance Track (Minimum 9 credits)

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)

GG571 Green Technology R&D and Green Industry Policy(1.5)

GG572 Energy and Environment Economics(3)

- Green Policy Track (Minimum 9 credits)

GG532 Carbon Emission Trading Market and Carbon Finance(1.5)

GG570 Green Growth Policy(3)

GG571 Green Technology R&D and Green Industry Policy(1.5)

GG572 Energy and Environmental Economics(3)

GG574 Environmental Policy(3)

GG575 Green Resource Policy(1.5)

GG588 Food, Forest, Water Policy(1.5)
GG591 Environmental Issues and Policy Analysis(1.5)
GG601 Research Methodology for Green Business(3)
[Substitution: BA541 Research Methodology for Behavior Science(3),
MGT504 Quantitative Analysis for Management I (1.5) +
MGT588 Quantitative Analysis for Management II(1.5)]

- Green Business Track(Minimum 9 credits)
 - GG511 Green Venture and Industrialization(1.5)
 - [Substitution: MGT534 Entrepreneurship and New Venture Creation(1.5)]
 - GG531 Green Accounting(1.5)
 - GG532 Carbon Emission Trading Market and Carbon Finance(1.5)
 - GG535 Valuation of Green Firms(1.5)
 - GG540 Green Marketing(1.5)
 - GG542 Green Innovation and Strategy(1.5)
 - GG545 Green Value Chain and Carbon Management(1.5)
 - GG551 Green IT and Smart Grid(3)
 - GG552 Security for Information and Energy Infrastructures(3)
 - GG570 Green Growth Policy(3)
 - GG571 Green Technology R&D and Green Industry Policy(1.5)
 - GG601 Research Methodology for Green Business(3)
 - [Substitution: BA541 Research Methodology for Behavior Science(3),
MGT504 Quantitative Analysis for Management I (1.5) +
MGT588 Quantitative Analysis for Management II(1.5)]

■ **Research Courses:** Minimum 6 credits

- Students are required to take GG960 Thesis for Graduate Students (minimum 6 credits)

■ **English Proficiency Requirement:**

- Students are required to complete two BUS900-level English courses.
- English requirement can be waived if students obtain S (Superior) Level in Oral Proficiency Interview(OPI) or who complete 9 or more credits either as an exchange student or participate in dual-degree program.

Coursework Master's Degree Program

Please check the common graduation requirements.

- **Credit Requirement for Graduation:** Required to complete a total of more than 45 credits

■ **Mandatory General Courses:** 3 credits and 1AU

○ CC511 Probability and Statistics(3)

[substitution: BA581 Probability and Statistics,
BA582 Statistical Decision Analysis and Forecasting,
MGT503 Management Statistical Analysis,
IM503 Statistical Analysis and Decision Modeling]

■ **Mandatory Major Courses:** 9 credits

■ **Elective Courses:** Minimum 30 credits

○ Students can choose maximum 2 tracks from below areas and course subject can only be counted as one of the track

- Green Finance Track (Minimum 9 credits)

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)

GG571 Green Technology R&D and Green Industry Policy(1.5)

GG572 Energy and Environment Economics(3)

- Green Policy Track (Minimum 9 credits)

GG532 Carbon Emission Trading Market and Carbon Finance(1.5)

GG570 Green Growth Policy(3)

GG571 Green Technology R&D and Green Industry Policy(1.5)

GG572 Energy and Environmental Economics(3)

GG574 Environmental Policy(3)

GG575 Green Resource Policy(1.5)

GG588 Food, Forest, Water Policy(1.5)

GG591 Environmental Issues and Policy Analysis(1.5)

GG601 Research Methodology for Green Business(3)

[Substitution: BA541 Research Methodology for Behavior Science(3),

MGT504 Quantitative Analysis for Management I (1.5) +

MGT588 Quantitative Analysis for Management II(1.5)]

- Green Business Track(Minimum 9 credits)

GG511 Green Venture and Industrialization(1.5)

[Substitution: MGT534 Entrepreneurship and New Venture Creation(1.5)]

GG531 Green Accounting(1.5)

GG532 Carbon Emission Trading Market and Carbon Finance(1.5)

GG535 Valuation of Green Firms(1.5)

GG540 Green Marketing(1.5)
GG542 Green Innovation and Strategy(1.5)
GG545 Green Value Chain and Carbon Management(1.5)
GG551 Green IT and Smart Grid(3)
GG552 Security for Information and Energy Infrastructures(3)
GG570 Green Growth Policy(3)
GG571 Green Technology R&D and Green Industry Policy(1.5)
GG601 Research Methodology for Green Business(3)
[Substitution: BA541 Research Methodology for Behavior Science(3),
MGT504 Quantitative Analysis for Management I (1.5) +
MGT588 Quantitative Analysis for Management II(1.5)]

■ **Research Courses:** Minimum 3 credits

- Students are required to take GG951 Green Project (minimum 3 credits)

■ **English Proficiency Requirement:**

- Students are required to complete two BUS900-level English courses.
- English requirement can be waived if students obtain S (Superior) Level in Oral Proficiency Interview(OPI) or who complete 9 or more credits either as an exchange student or participate in dual-degree program.

□ **Transitional Measures**

- The above graduation requirement applies to students who entered in 2016. With the approval of department chair, the revised graduation requirement can be applied to students who entered in 2015 or before.
- For students who entered in 2015, GG592 Green Macroeconomics can be acknowledged if he or she takes GG603 Special Topics in Green Business(Green Macroeconomics).
- For students who entered in 2015, following courses will be acknowledged as Green Business/Technology track: GG551 Green IT and Smart Grid, GG552 Security for Information and Energy Infrastructures.
- For students who entered in 2013 and 2014, GG604 Research on Green Growth Strategy can be acknowledged if he or she takes GG602 Research on Green Growth and GG581 Green Growth Sociology.
- For students who entered in 2013 and 2014, GG576 Climate Change and International Collaboration can be acknowledged if he or she takes GG573 Climate Change and International Collaboration and

GG580 Green Collaboration with Developing Countries.

- For students who entered in 2013, GG571 Green Technology R&D and Green Industry Policy can be acknowledged instead of MGT714 Climate Change R&D Strategy. Furthermore, FMB665 Green Accounting can be acknowledged instead of GG531 Green Accounting. FMB666 Green Fund Investment Strategy can be accepted instead of GG536 Green Fund Investment Strategy.