

## **Major Course Requirements for Business and Technology Management**

**(For undergraduate students admitted in 2015 or before)**

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**Please check the common graduation requirements separately.**

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■ **Credit Requirements for Graduation:** a minimum of 130 credits

※ Undergraduate students in the School of Business and Technology Management must complete double major in other natural science or engineering departments. (College of Natural Sciences, College of Life Science & Bioengineering, College of Engineering, etc.)

■ **Major:** at least 42 credits

○ **Mandatory Major Courses:** 9 credits

- MSB200 Introduction to Business Management (3), MSB204 Technology Management (3), MSB351 High Tech Venturing (3)

○ **Elective Major Courses:** at least 33 credits

- Elective Major I (select 5 courses, a minimum of 15 credits)
- Elective Major II (a minimum of 12 credits)
  - \* Special Topics I, II, III in Business and Technology Management may be taken up to 6 credits in case that course subtitles are different.
- Elective Major III (a minimum of 6 credits)

■ **Elective Courses:** Double major credits must be taken in other natural science or engineering departments.

■ **Minor:** at least 18 credits

○ **Mandatory Major Courses:** 6 credits

- Select 2 courses from MSB200 MSB200 Introduction to Business Management, MSB204 Technology Management, MSB351 High Tech Venturing

○ **Elective Major Courses:** At least 12 credits

- Elective Major I (select 2 courses, a minimum of 6 credits)  
(refer to the Table of Curriculum)
- Elective Major II (a minimum of 6 credits)  
(refer to the Table of Curriculum)
  - \* Special Topics I, II, III in Business and Technology Management may be taken up to 6 credits in case that course subtitles are different.
- Elective Major III (Optional)

■ **Double Major:** at least 40 credits

○ **Mandatory Major Courses:** 6 credits

- Select 2 courses from MSB200 MSB200 Introduction to Business Management, MSB204 Technology Management, MSB351 High Tech Venturing

○ **Elective Major Courses:** at least 34 credits

- Elective Major I (select 5 courses, a minimum of 15 credits)  
(refer to the Table of Curriculum)
- Elective Major II (a minimum of 10 credits)  
(refer to the Table of Curriculum)

\* Special Topics I, II, III in Business and Technology Management may be taken up to 6 credits in case that course subtitles are different.

- Elective Major III (a minimum of 6 credits)  
(refer to the Table of Curriculum)

※ Course Requirements for Double Major and Minor by Admission Year

(Refer to the Academic Bulletin published every two years)

Admission Year	Double Major (at least 40 credits)	Minor (at least 18 credits)
2014 and thereafter	<ul style="list-style-type: none"> <li>- Mandatory Major: 6 credits (select 2 courses out of 3 courses)</li> <li>- Elective Major I: at least 15 credits</li> <li>- Elective Major II: at least 10 credits</li> <li>- Elective Major III: at least 6 credits</li> </ul>	<ul style="list-style-type: none"> <li>- Mandatory Major: 6 credits (select 2 courses out of 3 courses)</li> <li>- Elective Major I: at least 6 credits</li> <li>- Elective Major II: at least 6 credits</li> <li>- Elective Major III: Optional</li> </ul>
2013	<ul style="list-style-type: none"> <li>- Mandatory Major: 6 credits</li> <li>- Elective Major I: at least 18 credits</li> <li>- Elective Major II: at least 10 credits</li> <li>- Elective Major III: at least 6 credits</li> </ul>	<ul style="list-style-type: none"> <li>- Mandatory Major: 6 credits</li> <li>- Elective Major I: at least 6 credits</li> <li>- Elective Major II: at least 6 credits</li> <li>- Elective Major III: Optional</li> </ul>
from 2012 to 2010	<ul style="list-style-type: none"> <li>- Mandatory Major: 6 credits</li> <li>- Elective Major I: at least 18 credits</li> <li>- Elective Major II: at least 16 credits</li> </ul>	<ul style="list-style-type: none"> <li>- Mandatory Major: 6 credits</li> <li>- Elective Major I: at least 6 credits</li> <li>- Elective Major II: at least 6 credits</li> </ul>
from 2009 to 2008	<ul style="list-style-type: none"> <li>- Mandatory Major: 21 credits</li> <li>- Elective Major: at least 19 credits</li> </ul>	<ul style="list-style-type: none"> <li>- Mandatory Major: 9 credits including Introduction to Business Management (MSB200)</li> <li>- Elective Major: at least 9 credits including Principles of Economics (BEP405) or Introduction to Economics (HSS159)</li> </ul>
2007 or before		<ul style="list-style-type: none"> <li>- Mandatory Major: 6 credits including Introduction to Business Management (MSB200) and Principles of Economics (BEP405) or Introduction to Economics (HSS159)</li> <li>- Elective Major: at least 12 credits Elective Major I: at least 6 credits Elective Major II: at least 3 credits</li> </ul>

■ **Research Courses:** at least 4 credits

- Select one from Practicum Project(3), Internship(3), B.S. Thesis Research(3) (Required)
- S&T Biz Colloquium(1) (Required)

## ☐ **Interim Measures**

- Students admitted in 2015 or before can choose to follow the completion requirements applicable to students admitted in 2016 and after if desired.
- These requirements apply to the students who admitted in 2015 and thereafter.
- The requirements for students majoring in Business and Technology Management as a first major which was established in October 2013, apply to the students admitted to BTM in spring 2014 and thereafter. The students admitted in 2009 or before are ineligible to declare Business and Technology Management as their first major.
- Students pursuing a double major or a minor in Business and Technology Management must comply with the course requirements effective 2013 and thereafter, if they pursue a minor in Economics.
- HSS159 Introduction to Economics can be applied to the course requirements for both humanities & Social Sciences (Society) and double major or minor of Business and Technology Management if students are admitted between 2010 and 2013 (2008 1st and 3rd Curriculum Implementation). Students admitted in 2009 or before can choose to follow these requirements if desired.
- Only for students admitted in 2014 or before,
  - Only one of IE200 Introduction to Operation Research, IE101 Introduction to Operation Research, MSB341 Management Science can be counted as elective major of Business and Technology Management.
  - IE200 Introduction to Operation Research, IE101 Introduction to Operation Research and IE425 Project Management are counted as elective major II of Business and Technology Management.
- Special Topics I, II, III may be taken up to 6 credits in case that course subtitles are different.
- Course Substitutions for Abolished Courses
  - BEP405 Principles of Economics, BEP471 Introduction to Market Economy: HSS159 Introduction to Economics, MSB215 Microeconomics, MSB316 Macroeconomics
  - MSB442 Laws on Culture Contents and Intellectual Properties: CTP302 Understanding of Cultural Contents
  - ※ The course substitutions for BEP405 Principles of Economics, BEP471 Introduction to Market Economy, MSB442 Laws on Culture Contents and Intellectual Properties can only apply to the students who retake the courses above.
- Policies for Overlapping Major Courses
  - A maximum of one overlapping major course (3 credits) can be double counted toward the minor requirements of Business and Technology Management and the requirements of Economics Minor Program.

- A maximum of two overlapping courses (6 credits) in Elective Major III can be double counted toward the double major requirements of Business and Technology Management and the requirements of Economics Minor Program.
- A maximum of 9 credits can be double counted toward the double major or the minor requirements of Business and Technology Management and the requirements of other academic programs.
- MSB351 High Tech Venturing can be counted as elective major II toward the double major or the minor requirements of Business and Technology Management for students admitted in 2013 or before.
- International students majoring in Business and Technology Management can substitute MSB495 Individual Study (1) for S&T Biz Colloquium.
- It is possible to substitute CS459 Introduction to Services Computing for MSB458 Web Technologies and Business Strategies for students who took the course in 2015 or before and wish to retake the course in Fall 2016 and thereafter.
- If students admitted in 2014 and thereafter take 9 credits in mandatory major courses, 3 credits which are not required in mandatory major can be counted as elective major II toward the double major or the minor requirements of Business and Technology Management.

## **Major Course Requirements for Business and Technology Management**

**(For undergraduate students admitted in 2016 and after)**

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**Please check the common graduation requirements separately.**

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■ **Credit Requirements for Graduation:** a minimum of 136 credits

- ※ Undergraduate students must complete one of advanced major, minor, double major, or individually designed major.
- ※ Undergraduate students in the School of Business and Technology Management must complete double major in other academic programs.

■ **Major:** at least 48 credits

○ **Mandatory Major Courses:** 9 credits

- MSB200 Introduction to Business Management (3), MSB204 Technology Management (3), MSB351 High Tech Venturing (3)

○ **Elective Major Courses:** at least 39 credits

- Elective Major I (select 5 courses, a minimum of 15 credits)
- Elective Major II (a minimum of 18 credits)
  - \* Special Topics I, II, III in Business and Technology Management may be taken up to 6 credits in case that course subtitles are different.
- Elective Major III (a minimum of 6 credits)

■ **Individually Designed Major:** at least 12 credits

- A minimum of 12 credits must be taken in major courses offered by at least two different academic programs except affiliation.

■ **Minor:** at least 18 credits

○ **Mandatory Major Courses:** 6 credits

- Select 2 courses from MSB200 MSB200 Introduction to Business Management, MSB204 Technology Management, MSB351 High Tech Venturing

○ **Elective Major Courses:** At least 12 credits

- Elective Major I (select 2 courses, a minimum of 6 credits)
- Elective Major II (a minimum of 6 credits)
  - \* Special Topics I, II, III in Business and Technology Management may be taken up to 6 credits in case that course subtitles are different.

- Elective Major III (Optional)

※ Double counting for overlapping major courses is not allowed.

■ **Double Major:** at least 40 credits

○ **Mandatory Major Courses:** 6 credits

- Select 2 courses from MSB200 Introduction to Business Management, MSB204 Technology Management, and MSB351 High Tech Venturing

○ **Elective Major Courses:** at least 34 credits

- Elective Major I (select 5 courses, a minimum of 15 credits)
- Elective Major II (a minimum of 10 credits)
  - \* Special Topics I, II, III in Business and Technology Management may be taken up to 6 credits in case that course subtitles are different.
- Elective Major III (a minimum of 6 credits)

※ A maximum of 6 credits in overlapping major courses can be double counted toward the requirements of Business and Technology Management and the requirements of other academic programs.

■ **Elective Courses:** Double major credits must be taken in other natural science or engineering departments.

■ **Research Courses:** at least 4 credits

- Select one from Practicum Project(3), Internship(3), B.S. Thesis Research(3) (Required)
- S&T Biz Colloquium(1) (Required)

※ International students can substitute MSB495 Individual Study (1) for S&T Biz Colloquium.

□ **Interim Measures**

- These requirements apply to the students admitted in 2016 or thereafter.
- Students admitted in 2015 or before can choose to follow the completion requirements above.
- If students pursuing a double major or a minor in Business and Technology Management take 9 credits in mandatory major courses, 3 credits which are not required in mandatory major can be counted as elective major II.

## Major Course Requirements for Business and Technology Management (For Master's Program)

### Thesis Master's Degree Program

Please check the common graduation requirements separately.

- **Credit Requirements for Graduation:** a minimum of 33 credits
- **Mandatory General Courses:** 3 credits and 1AU
  - Select one course from CC500 Scientific Writing, CC510 Introduction to Computer Application, CC511 Probability and Statistics, CC512 Introduction to Materials Science and Engineering, CC513 Engineering Economics and Cost Analysis, CC522 Introduction to Instruments, CC531 Patent Analysis and Invention Disclosure.
- **Mandatory Major Courses:** 6 credits
  - MSB500 Advanced Statistics for Management, MSB510 Innovation Management and Strategy
- **Elective Courses:** at least 15 credits
  - At least 12 credits from MSB500 level or above must be taken.
- **Research Courses:** at least 9 credits
  - 2 seminar credits must be taken.
    - International students and general scholarship students are exempt from the seminar requirement.

※ Course Requirements for Master's Program by Admission Year  
(Refer to the Academic Bulletin published every two years)

Admission Year	Master's Program (at least 33 credits)
2014	<ul style="list-style-type: none"> <li>○ Mandatory General: 3 credits, 1AU</li> <li>○ Mandatory Major: 6 credits</li> <li>○ Elective : at least 15 credits (at least 12 credits among MSB500 level or above)</li> <li>○ Research : at least 9 credits</li> </ul>
from 2013 to 2010	<ul style="list-style-type: none"> <li>○ Mandatory General: 3 credits, 1AU</li> <li>○ Mandatory Major: 3 credits</li> <li>○ Elective : at least 18 credits (at least 12 credits among MSB500 level or above)</li> <li>○ Research : at least 9 credits</li> </ul>

☐ **Interim Measures**

- These requirements apply to the students admitted in 2015 or thereafter.
- Graduate students must take and complete the core courses of School of Business and Technology of Management; Principles of Accounting, Financial Management, and Marketing. However, students who have completed core courses above in the undergraduate or graduate programs, can either get an exemption from completion of the courses or take other courses instead, by getting the approval from the Undergraduate Head Professor beforehand.  
(The exempted core course credits taken in the undergraduate program cannot be recognized as graduate credits.)



## **Major Course Requirements for Business and Technology Management (For Doctoral Program)**

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**Please check the common graduation requirements separately.**

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- **Credit Requirements for Graduation:** a minimum of 66 credits
  - **Mandatory General Courses:** 3 credits and 1AU
    - Select one course from CC500 Scientific Writing, CC510 Introduction to Computer Application, CC511 Probability and Statistics, CC512 Introduction to Materials Science and Engineering, CC513 Engineering Economics and Cost Analysis, CC522 Introduction to Instruments, CC531 Patent Analysis and Invention Disclosure.
  - **Mandatory Major Courses:** 6 credits
    - MSB500 Advanced Statistics for Management, MSB510 Innovation Management and Strategy
  - **Elective Courses:** at least 27 credits
    - At least 21 credits from MSB500 level or above must be taken.
    - It is mandatory to take at least one course from the following courses: MSB601 Research Methodologies I, MSB701 Advanced Econometrics, MSB702 Research Methodologies II.
  - **Research Courses:** at least 30 credits
    - 4 seminar credits must be taken.
      - International students and general scholarship students are exempt from the seminar requirement.
- ※ The credits taken in the master's program may be counted toward the requirements of doctoral degree except research credits.

※ Course Requirements for Doctoral Program by Admission Year  
(Refer to the Academic Bulletin published every two years)

Admission Year	Doctoral Program (at least 66 credits)
2014	<ul style="list-style-type: none"> <li>○ Mandatory General: 3 credits, 1AU</li> <li>○ Mandatory Major: 6 credits</li> <li>○ Elective : at least 27 credits (at least 21 credits among MSB500 level or above)</li> <li>- At least one course from MSB601 Research Methodologies I, MSB701 Advanced Econometrics, MSB702 Research Methodologies II must be taken.</li> <li>○ Research : at least 30 credits</li> </ul>
from 2013 to 2010	<ul style="list-style-type: none"> <li>○ Mandatory General: 3 credits, 1AU</li> <li>○ Mandatory Major: 3 credits</li> <li>○ Elective : at least 30 credits</li> <li>- At least one course from MSB601 Research Methodologies I, MSB701 Advanced Econometrics, MSB702 Research Methodologies II must be taken.</li> <li>○ Research : at least 30 credits</li> </ul>

☐ **Interim Measures**

- These requirements apply to the students admitted in 2015 or thereafter.
- Graduate students must take and complete the core courses of School of Business and Technology of Management; Principles of Accounting, Financial Management, and Marketing. However, students who have completed core courses above in the undergraduate or graduate programs, can either get an exemption from completion of the courses or take other courses instead, by getting the approval from the Undergraduate Head Professor beforehand.  
(The exempted core course credits taken in the undergraduate program cannot be recognized as graduate credits.)

## **Major Course Requirements for Business and Technology Management (For MS-PhD Integrated Program)**

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**Please check the common graduation requirements separately.**

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- **Credit Requirements for Graduation:** a minimum of 66 credits
  - **Mandatory General Courses:** 3 credits and 1AU
    - Select one course from CC500 Scientific Writing, CC510 Introduction to Computer Application, CC511 Probability and Statistics, CC512 Introduction to Materials Science and Engineering, CC513 Engineering Economics and Cost Analysis, CC522 Introduction to Instruments, CC531 Patent Analysis and Invention Disclosure.
  - **Mandatory Major Courses:** 6 credits
    - MSB500 Advanced Statistics for Management, MSB510 Innovation Management and Strategy
  - **Elective Courses:** at least 27 credits
    - At least 21 credits from MSB500 level or above must be taken.
    - It is mandatory to take at least one course from the following courses: MSB601 Research Methodologies I, MSB701 Advanced Econometrics, MSB702 Research Methodologies II.
  - **Research Courses:** at least 30 credits
    - 4 seminar credits must be taken.
      - International students and general scholarship students are exempt from the seminar requirement.
- ※ The credits taken in the master's program may be counted toward the requirements of doctoral degree.

※ Course Requirements for Doctoral Program by Admission Year  
(Refer to the Academic Bulletin published every two years)

Admission Year	Doctoral Program (at least 66 credits)
2014	<ul style="list-style-type: none"> <li>○ Mandatory General: 3 credits, 1AU</li> <li>○ Mandatory Major: 6 credits</li> <li>○ Elective : at least 27 credits (at least 21 credits among MSB500 level or above)</li> <li>- At least one course from MSB601 Research Methodologies I, MSB701 Advanced Econometrics, MSB702 Research Methodologies II must be taken.</li> <li>○ Research : at least 30 credits</li> </ul>
from 2013 to 2010	<ul style="list-style-type: none"> <li>○ Mandatory General: 3 credits, 1AU</li> <li>○ Mandatory Major: 3 credits</li> <li>○ Elective : at least 30 credits</li> <li>- At least one course from MSB601 Research Methodologies I, MSB701 Advanced Econometrics, MSB702 Research Methodologies II must be taken.</li> <li>○ Research : at least 30 credits</li> </ul>

☐ **Interim Measures**

- These requirements apply to the students admitted in 2015 or thereafter.
- Graduate students must take and complete the core courses of School of Business and Technology of Management; Principles of Accounting, Financial Management, and Marketing. However, students who have completed core courses above in the undergraduate or graduate programs, can either get an exemption from completion of the courses or take other courses instead, by getting the approval from the Undergraduate Head Professor beforehand.  
(The exempted core course credits taken in the undergraduate program cannot be recognized as graduate credits.)

## Table of Curriculum (Undergraduate Program)

Classification		Course No.	Course Code	Course Title	Lecture:Lab: Credit (Assignment)	Semester	Remarks
Mandatory Major		MSB200	42.200	Introduction to Business Management	3:0:3(6)	Spring, Fall	
		MSB204	42.204	Technology Management	3:0:3(6)	Spring, Fall	
		MSB351	42.351	High tech Venturing	3:0:3(6)	Fall	
Elective Major	Elective I	MSB230	42.230	Principles of Accounting	3:0:3(6)	Spring, Fall	
		MSB235	42.235	Financial Management	3:0:3(6)	Spring, Fall	
		MSB236	42.236	Marketing	3:0:3(6)	Spring, Fall	
		MSB237	42.237	Introduction to MIS	3:0:3(6)	Fall	
		MSB238	42.238	Organizational Behavior	3:0:3(6)	Spring	
		MSB341	42.341	Management Science	3:0:3(6)	Fall	
		MSB343	42.343	Business Strategy	3:0:3(6)	Spring	
		MSB450	42.450	Entrepreneurship & Venture Business	3:0:3(6)	Spring	◎
	Elective II	MSB201	42.201	Statistical Analysis for Business	3:0:3(6)	Fall	
		MSB336	42.336	Technology Marketing	3:0:3(6)	Spring	
		MSB337	42.337	Information Technology Management	3:0:3(6)	Spring	
		MSB338	42.338	Consumer Behavior	3:0:3(6)	Spring	
		MSB354	42.354	Operations Management	3:0:3(6)	Fall	
		MSB356	42.356	Information Society	3:0:3(6)	Spring	
		MSB360	42.360	R&D Project Management	3:0:3(6)	Fall	
		MSB370	42.370	Analysis of technology valuation	3:0:3(6)	Fall	
		MSB401	42.401	Management of Technology Innovation	3:0:3(6)	Fall	◎
		MSB403	42.403	Innovation Case Study	3:0:3(6)	Spring	◎
		MSB407	42.407	Future Technology and industry	3:0:3(6)	Spring	◎
		MSB411	42.411	Investment	3:0:3(6)	Fall	◎
		MSB416	42.416	Future High-tech product development	3:0:3(6)	Spring	◎
		MSB421	42.421	High-Tech Human Resources Management	3:0:3(6)	Fall	◎
		MSB431	42.431	Managerial Accounting	3:0:3(6)	Fall	◎
		MSB436	42.436	Marketing Research	3:0:3(6)	Fall	◎
		MSB440	42.440	Legal Aspects and Cases of Entrepreneurship	3:0:3(6)	Spring	◎
		MSB441	42.441	Patent law and management	3:0:3(6)	Spring	◎
		MSB443	42.443	Negotiation and Contention Management	3:0:3(6)	Spring	◎
		MSB446	42.446	Supply Chain Management	3:0:3(6)	Spring	◎
		MSB451	42.451	Venture Formation Practice	3:0:3(6)	Spring	◎
		MSB452	42.452	Business Model	3:0:3(6)	Spring	◎
		MSB454	42.454	Information Policy	3:0:3(6)	Fall	◎
		MSB455	42.455	Service Engineering	3:0:3(6)	Spring	◎
		MSB456	42.456	Knowledge Business	3:0:3(6)	Spring	◎
		MSB458	42.458	Web Technologies and Business	3:0:3(6)	Fall	◎

Classification		Course No.	Course Code	Course Title	Lecture:Lab: Credit (Assignment)	Semester	Remarks
				Strategies			
		MSB472	42.472	China's Economic Development	3:0:3(6)	Spring	◎
		MSB481	42.481	Special Topics I in Business and Technology Management	3:0:3(6)	Spring, Fall	◎
		MSB482	42.482	Special Topics II in Business and Technology Management	2:0:2(4)	Spring, Fall	◎
		MSB483	42.483	Special Topics III in Business and Technology Management	1:0:1(2)	Spring, Fall	◎
		ENP430	B5.430	Entrepreneurial Law	3:0:3(6)	Spring	◎
	Elective III	MSB215	42.215	Microeconomics	3:0:3(6)	Spring, Fall	
		MSB301	42.301	Econometrics	3:0:3(6)	Fall	
		MSB316	42.316	Macroeconomics	3:0:3(6)	Spring, Fall	
		MSB402	42.402	International Economics	3:0:3(6)	Fall	◎
		MSB408	42.408	Economics of Technology	3:0:3(6)	Fall	◎
		MSB413	42.413	Industrial Organization	3:0:3(6)	Spring	◎
		MSB415	42.415	Game Theory	3:0:3(6)	Fall	◎
Research		MSB490	42.490	B.S. Thesis Research	0:6:3	Spring, Fall	
		MSB491	42.491	CEO Seminar	1:0:1	Fall	
		MSB493	42.493	Practicum Project	0:4:3	Spring, Fall	
		MSB495	42.495	Individual Study	0:6:1	Spring, Fall	
		MSB496	42.496	S&T Biz colloquium	1:0:1	Spring	

※ ◎: Course mutually recognized by undergraduate and graduate programs

※ Course classification, course title, undergraduate-graduate mutual recognition courses may differ based on the course requirements by admitted year.

## Table of Curriculum (Graduate Program)

Classification	Course No.	Course Code	Course Title	Lecture:Lab: Credit (Assignment)	Semester	Remarks
Mandatory Major	MSB500	42.500	Advanced Statistics for Management	3:0:3(6)	Spring	
	MSB510	42.510	Innovation Management and Strategy	3:0:3(6)	Fall	
Elective	MSB504	42.504	Microeconomics	3:0:3(6)	Fall	
	MSB530	42.530	Accounting Principles	3:0:3(6)	Spring	
	MSB535	42.535	Corporate Finance Theory	3:0:3(6)	Spring	
	MSB536	42.536	Marketing Management	3:0:3(6)	Fall	
	MSB537	42.537	Management Information Systems	3:0:3(6)	Spring	
	MSB538	42.538	Organization Management	3:0:3(6)	Spring	
	MSB542	42.542	Management Science	3:0:3(6)	Fall	
	MSB552	42.552	Corporate Strategy and Design Process	3:0:3(6)	Fall	
	MSB554	42.554	Smart Business Application and Development	3:0:3(6)	Fall	©
	MSB556	42.556	Future and Technology: New Media technology and Business Strategies	3:0:3(6)	Fall	
	MSB601	42.601	Research Methodologies I	3:0:3(6)	Fall	
	MSB613	42.613	Network Economics	3:0:3(6)	Fall	
	MSB615	42.615	Game Theory with Applications	3:0:3(6)	Fall	
	MSB630	42.630	Managerial Accounting	3:0:3(6)	Fall	
	MSB635	42.635	Investments Theory	3:0:3(6)	Fall	
	MSB636	42.636	Marketing research	3:0:3(6)	Spring	
	MSB638	42.638	Business Strategy	3:0:3(6)	Spring	
	MSB644	42.644	Supply Chain Management	3:0:3(6)	Spring	
	MSB650	42.650	Information and Telecommunications Management	3:0:3(6)	Fall	
	MSB656	42.656	Theory of Information Policy	3:0:3(6)	Fall	
	MSB701	42.701	Advanced Econometrics	3:0:3(6)	Spring	
	MSB702	42.702	Research Methodologies II	3:0:3(6)	Spring	
	MSB704	42.704	Advanced Microeconomics Analysis	3:0:3(6)	Spring	
	MSB716	42.716	Global Financial Markets	3:0:3(6)	Spring	
	MSB736	42.736	Advanced Quantitative Marketing	3:0:3(6)	Spring	
	MSB813	42.813	Telecommunications Economics	3:0:3(6)	Fall	
	MSB830	42.830	Advanced Performances Management	3:0:3(6)	Fall	
	MSB835	42.835	Advanced Corporate Finance	3:0:3(6)	Spring	
	MSB836	42.836	Advanced Marketing Research	3:0:3(6)	Spring	
	MSB837	42.837	MIS Doctora Seminar	3:0:3(6)	Spring	
	MSB838	42.838	Advanced Organization and Management Theories	3:0:3(6)	Spring	
	MSB881	42.881	Advanced Special Topics I in Business and Technology Management	3:0:3(6)	Spring, Fall	
	MSB882	42.882	Advanced Special TopicsII in Business and Technology Management	2:0:2(4)	Spring, Fall	
	MSB883	42.883	Advanced Speical TopicsIII in Business and Technology Management	1:0:1(2)	Spring, Fall	
Research	MSB960	42.960	MS Thesis Research			

Classification	Course No.	Course Code	Course Title	Lecture:Lab: Credit (Assignment)	Semester	Remarks
	MSB965	42.965	Individual Study in Master's			
	MSB966	42.966	Seminar in MS	1:0:1	Spring, Fall	
	MSB980	42.980	Ph.D Dissertation Research			
	MSB985	42.985	Individual Study in Ph.D			
	MSB986	42.986	Seminar in Ph.D	1:0:1	Spring, Fall	

※ ◎: Course mutually recognized by undergraduate and graduate programs

※ Course classification, course title, undergraduate-graduate mutual recognition courses may differ based on the course requirements by admitted year.



## Substitute Course List

Substitute Courses in the Program					
Classification	Courses Currently Offered		Courses Currently Not Offered		
	Course No.	Course title	Course No.	Course title	Remarks
Undergraduate	HSS159	Introduction to Economics	HS144	Introduction to Economics	Course No. change
Undergraduate	MSB204	Technology Management	MSB404	Technology Management	Abolished
Undergraduate	MSB215	Microeconomics	MSB406	Microeconomics	Abolished
Undergraduate	MSB230	Principles of Accounting	MSB420	Principles of Accounting	Abolished
Undergraduate	MSB235	Financial Management	MSB410	Corporate Finance	Abolished
Undergraduate	MSB236	Marketing	MSB430	Marketing	Abolished
Undergraduate	MSB237	Introduction to MIS	MSB460	Management Information System	Abolished
Undergraduate	MSB238	Organizational Behavior	MSB444	Organizational Behavior and Leadership	Abolished
Undergraduate	MSB316	Macroeconomics	MSB202	Macroeconomics	Abolished
Undergraduate	MSB337	Information Technology Management	MSB337	Advanced Topics in MIS	Course title change
Undergraduate	MSB436	Marketing Research	MSB342	Marketing Research	Abolished
Undergraduate	MSB415	Game Theory	MSB203	Game Theory and its Application	Abolished
Undergraduate	MSB416	Future High-tech product development	MSB416	E-Biz Strategy for Korea Future techno-economic paradigm and product development strategy	Course title change
Undergraduate	MSB421	High-Tech Human Resources Management	MSB421	Human Resources Management	Course title change
Undergraduate	MSB458	Web Technologies and Business Strategies	MSB458	Strategies and Development of Business Applications using SOA	Course title change
대학원과정	MSB630	Managerial Accounting	MSB730	Strategic Performance Management	Course No. & title change
대학원과정	MSB716	Global Financial Markets	MSB616	Global Financial Markets	Course No. & title change

Substitute Courses in the Program					
Classification	Courses Offered by the Program		Courses Offered by Other Academic Programs		
	Course No.	Course title	Course No.	Course title	Remarks
Undergraduate	HSS159	Introduction to Economics	BAT115	Fundamentals of Economics	Two-way
Undergraduate	MSB200	Introduction to Business Management	MG210	Principle of Management	-
			MGT210	Principle of Management	Two-way
			BEP400	Introduction to Management	(Same course, abolished)
			BEP200	Introduction to Business Management	(Same course)
			HS176	Introduction to Business Management	Owo-way (Course title change)
			HSS158	Introduction to Business Management	(Conditional) Owo-way (In case of retaking HSS158, substitution of MSB200 is allowed)
			BAT(ITB)113	Principles of Business	Two-way

				Administration I	
Undergraduate	MSB201	Statistical Analysis for Business	BAT(ITB)201	Statistical Analysis	Two-way
Undergraduate	MSB215	Microeconomics	MG250	Theory of Microeconomics	-
			MGT250	Theory of Microeconomics	Two-way
			BEP406	Microeconomics	(Same course)
			ECN201	Microeconomics Principles	Two-way
Undergraduate	MSB230	Principles of Accounting	MG342	Principles of Financial Accounting	-
			MGT342	Principles of Accounting	Two-way
			MTP420	Accounting for Engineers & Scientists	-
			BEP420	Principles of Accounting	(Same course, abolished)
			BAT(ITB)130	Principle of Accounting	Two-way
Undergraduate	MSB235	Financial Management	MG341	Financial Management	-
			MGT341	Financial Management	Two-way
			MTP410	Finance for Engineers & Scientists	-
			BEP410	Corporate Finance	(Same course, abolished)
			BAT(ITB)235	Financial Management	Two-way
Undergraduate	MSB236	Marketing	MG346	Principles of Marketing	-
			MGT346	Principles of Marketing	Two-way
			MTP430	Marketing for Engineers & Scientists	-
			BEP430	Marketing	(Same course, abolished)
			BAT(ITB)236	Marketing Management	Two-way
Undergraduate	MSB237	Introduction to MIS	IE461	Data & Information Systems	Owo-way
			MGT320	Introduction to Information Systems	Two-way
			BEP460	Management Information System	(Same course, abolished)
			BAT(ITB)237	Introduction to MIS	Two-way
Undergraduate	MSB238	Organizational Behavior	BEP444	Organizational Behavior and Leadership	(Same course, abolished)
			BAT(ITB)238	Organization Behavior	Two-way
Undergraduate	MSB301	Econometrics	BAT(ITB)314	Econometrics	Two-way
			ECN301	Econometrics	Two-way
Undergraduate	MSB316	Macroeconomics	BEP202	Macroeconomics	(Same course, abolished)
			BAT(ITB)316	Macroeconomics	Two-way
			ECN202	Macroeconomics Principles	Two-way
Undergraduate	MSB337	Information Technology Management	BAT(ITB)345	Advanced in MIS	Two-way
Undergraduate	MSB341	Management Science	BAT(ITB)342	Operations Research	Two-way
Undergraduate	MSB343	Business Strategy	BEP343	Business Strategy	(Same course)
			BAT(ITB)338	Strategic Management	Two-way
Undergraduate	MSB354	Operations Management	BAT(ITB)354	Operations Management	Two-way
Undergraduate	MSB356	Information Society	BAT(ITB)356	Information Society	Two-way
Undergraduate	MSB370	Analysis of technology valuation	ENP450	Feasibility Analysis and Technology Valuation	Two-way
Undergraduate	MSB401	Management of Technology Innovation	BEP401	Management of Technology Innovation	(Same course)
Undergraduate	MSB402	International Economics	BEP402	International Economics	(Same course)
			BAT(ITB)457	International Economics	Two-way
			ECN402	International Economics	Two-way
Undergraduate	MSB411	Investment	MG432	Investment Management	-
			MGT432	Investments	Two-way

			BEP411	Investments	(Same course)
			BAT(ITB)331	Investment Theory	Two-way
Undergraduate	MSB412	Business Database Design & Management (abolished)	BAT(ITB)311	Business Database Design and Management	Two-way
Undergraduate	MSB413	Industrial Organization	BAT(ITB)313	Industrial Organization	Two-way
			ECN413	Industrial Organization	Two-way
Undergraduate	MSB415	Game Theory	BEP203	Game Theory and its Application	(Same course, abolished)
			BAT(ITB)415	Game theory	Two-way
			ECN415	Game Theory	Two-way
Undergraduate	MSB416	Future High-tech product development	BAT(ITB)315	Development Strategy for E-business	Two-way
Undergraduate	MSB421	High-Tech Human Resources Management	BAT(ITB)420	Human Resource Management	Two-way
Undergraduate	MSB422	Entrepreneurial Mindset (abolished)	BEP422	Entrepreneurial Mindset	(Same course)
Undergraduate	MSB431	Managerial Accounting	BAT(ITB)430	Managerial Accounting	Two-way
Undergraduate	MSB436	Marketing Research	BEP342	Marketing Research	(Same course, abolished)
			BAT(ITB)433	Market Research	Two-way
Undergraduate	MSB440	Legal Aspects and Cases of Entrepreneurship	MTP440	Legal Aspects and Cases of a Start-up Company	-
			BEP440	Legal Aspects and Cases of Entrepreneurship	(Same course)
Undergraduate	MSB441	Patent law and management	BEP441	Patent law and management	(Same course)
Undergraduate	MSB442	Laws on Culture Contents and Intellectual Properties (abolished)	CTP302	Understanding of Cultural Contents	(Conditional) Owo-way (In case of retaking MSB442, substitution of CTP302 is allowed)
Undergraduate	MSB443	Negotiation and Contention Management	BEP443	Negotiation and Contention Management	(Same course)
Undergraduate	MSB445	International Business (abolished)	BEP445	International Business	(Same course)
			BAT(ITB)321	International Business Management	Two-way
Undergraduate	MSB446	Supply Chain Management	BAT(ITB)444	Supply Chain Management	Two-way
Undergraduate	MSB450	Entrepreneurship & Venture Business	BEP450	Entrepreneurship & Venture Business	(Same course)
			EE450	Technology Entrepreneurship	Two-way
			ENP310	Entrepreneurship & Startup Creation	Two-way
Undergraduate	MSB451	Venture Formation Practice	BEP451	Technology Venture Formation	(Same course)
			EE451	IT Venture Start-up	Two-way
Undergraduate	MSB454	Information Policy	BAT(ITB)455	Information Policy	Two-way
Undergraduate	MSB458	Web Technologies and Business Strategies	CS459	Web Technologies and Business Strategies (Old. Strategies and Development of Business Applications using SOA)	Two-way (by 2015)
			CS459	Introduction to Services Computing	(Conditional) Owo-way (In case that students taken MSB458 wish to retake the course, substitution of CS459 is

					allowed)
Undergraduate	MSB472	China's Economic Development	BEP472	China's Economic Development	(Same course)
Undergraduate	MSB481	Special Topics I in Business and Technology Management	BEP481	Special Topics in Business Economics I	(Same course)
Undergraduate	MSB482	Special Topics II in Business and Technology Management	BEP482	Special Topics in Management Science II	(Same course)
Graduate	MSB500	Advanced Statistics for Management	BAT500	Advanced Statistics for Management	Two-way
Graduate	MSB504	Microeconomics	BAT504	Micro-economics	Two-way
Graduate	MSB530	Accounting Principles	BAT664	Information & Telecommunication Accounting System	Two-way
Graduate	MSB535	Corporate Finance Theory	BAT676	Corporate Finance	Two-way
Graduate	MSB536	Marketing Management	BAT651	Business Marketing Management	Two-way
Graduate	MSB537	Management Information Systems	BAT556	Management Information System	Two-way
Graduate	MSB538	Organization Management	BAT604	Human Resources Management in IT Business	Two-way
Graduate	MSB552	Corporate Strategy and Design Process	ID510	Corporate Strategy and Design Process	Two-way
Graduate	MSB554	Smart Business Application and Development	CS541	Smart Business Application and Development	Two-way
Graduate	MSB556	Future and Technology: New Media technology and Business Strategies	EE572 (EE672)	Future and Technology: New Media technology and Business Strategies (abolished)	Two-way
Graduate	MSB601	Research Methodologies I	BAT605	Research Methodology I	Two-way
Graduate	MSB613	Network Economics	BAT600	Network Economics	Two-way
Graduate	MSB614	Science Technology and Innovation Policy (abolished)	BAT614	Innovation and R&D Policy in Information Technology	Two-way
Graduate	MSB615	Game Theory with Applications	BAT511	Game Theory	Two-way
Graduate	MSB630	Managerial Accounting	BAT665	Strategic Performance Management	Two-way
Graduate	MSB635	Investments Theory	BAT673	Information and Telecommunications Investment	Two-way
Graduate	MSB638	Business Strategy	BAT661	IIT Strategic Management	Two-way
Graduate	MSB644	Supply Chain Management	BAT671	Supply Chain Management	Two-way
Graduate	MSB650	Information and Telecommunications Management	BAT650	Information and Telecommunication Management	Two-way
Graduate	MSB656	Theory of Information Policy	BAT617	Theory of Information Policy	Two-way
Graduate	MSB701	Advanced Econometrics	BAT701	Advanced Econometric Analysis	Two-way
Graduate	MSB702	Research Methodologies II	BAT895	Research Methodology II	Two-way
Graduate	MSB810	Sectoral Innovation System (abolished)	BAT810	Advanced Technology and Innovation Theory	Two-way
Graduate	MSB813	Telecommunications Economics	BAT602	Theory of Telecommunications Industry	Two-way
Graduate	MSB838	Advanced Organization and Management Theories	BAT803	Seminar in Organization and Management Theories	Two-way

※ Course substitutions may differ based on the course requirements by admitted year.