

Regulations on Curriculum Implementation

Graduate School, Department of Business Administration

Enforcement date: March 1, 2026

Article 1 (Purpose)

1. The purpose of these regulations is to stipulate the specific requirements for obtaining degrees in the above graduate school department.
2. Those who wish to obtain a degree must satisfy all the requirements prescribed in the Graduate School Regulations, the Enforcement Rules of the Graduate School Regulations, the internal bylaws of the Graduate School, as well as all matters stipulated in these detailed regulations.

Article 2 (Educational Objectives)

The educational objectives of the Department are as follows:

1. To cultivate outstanding researchers who will lead the field of business administration for future generations in accordance with Kyung Hee University's founding philosophy.
2. To provide education that enables students to acquire the capabilities of independent researchers with deep insight and excellent research competence in each sub major (hereinafter "major") within the Department of Business Administration.
 - Majors: Marketing, Human Resource Management & Organizational Behavior, Finance, Production and Operations Management, Management Information Systems (MIS), Pension Finance, Big Data Management.
3. To provide education that allows students to acquire business expertise appropriate to each major field.

Article 3 (Career and Employment Fields)

The career and employment fields of the Department are as follows:

1. Academic and research careers as scholars and researchers in the major fields of business administration.
2. Entrepreneurial and employment opportunities in diverse areas that require professional expertise based on comprehensive corporate management knowledge and convergent/interdisciplinary understanding.

Article 4 (Basic Structure of Curriculum)

1. Students who wish to graduate (complete) from the Department of Business Administration must earn the credits for major required and major elective courses specified in [Table 1] “Basic Structure of the Curriculum” and Annex 1 “Curriculum Composition Table.”
2. Graduate level courses offered by other departments that are not included in Annex 1 “Curriculum Composition Table” may be recognized as major electives within the limits of credits from other departments stipulated in [Table 1].
3. Prerequisite credits are not included in the graduation credit requirement.
4. Students must complete the major required courses by area as specified in [Table 2].

[Table 1] Basic Structure of the Curriculum

Department (Major)	Program	Major Required		Major Elective *	Common Courses	Total Credits for Completion	Max. Credits Recognized from Other Departments
		Area 1	Area 2 (Major-specific)				
Department of Business Administration	Master’s	At least 3 credits	At least 3 credits in courses designated for each major	At least 6 credits	-	24	9
	Doctoral	At least 6 credits	At least 6 credits in courses designated for each major	At least 9 credits	-	36	12
	Integrated Master’s– Doctoral	At least 6 credits	At least 6 credits in courses designated for each major	At least 12 credits	-	60	12

- For the Marketing and Human Resource/Organizational Behavior majors, students must complete the designated major specific courses in order to have their major requirements recognized.

[Table 2] Composition of Major Required Courses

Major Required Courses				
Area 1	Methodology of Empirical Research (실증연구방법론), Methodology of Behavioral Research (행동연구방법론), Research Design Methodology (연구설계방법론), Research Methodology (연구조사방법론), Data Mining: Theory and Practice (데이터마이닝이론및실제)			
Area 2	Marketing	Consumer Behavior (소비자행동), Marketing Research (마케팅조사론)	Human Resource & Organizational Behavior	Strategic Human Resource Management (전략적인적자원관리), Organizational Behavior (조직행동론)

Management Information Systems (MIS)	Management Information Research (경영정보연구), Management Information Systems (경영정보시스템)	Big Data Management	Introduction to Big Data Management (빅데이터경영개론), Machine Learning (머신러닝)
Finance	Financial Management (재무관리), Investments (투자론)	Production and Operations Management	Production and Operations Management (생산운영관리), Empirical Research in Production and Operations Management (생산운영관리실증연구)
Pension Finance	Pension Finance (연금재무), Retirement Pension Management (퇴직연금경영론)		

⑤ After students in this major complete other disciplinary methodology courses designated by their advisor, they shall fill out the Application for Substitution of Major Required Courses. Upon approval by the advisor and the department chair, the course may be recognized as one major required course in Area 1.

Article 5 (Curriculum)

The curriculum is as follows:

1. The curriculum composition table is shown in Annex 1.
2. Course descriptions are provided in Annex 2.

Article 6 (Prerequisite Courses)

Those who fall under the following categories must complete prerequisite courses as follows:

1. Eligible students:
 - Students who have been admitted to a department (major) different from the department (major) of their previous lower degree program.
2. Number of prerequisite credits:
 - Master's program: 9 credits to be completed in a lower degree (undergraduate) program.
 - Doctoral and Integrated Master's–Doctoral programs: 12 credits to be completed in a lower degree program.
3. List of prerequisite courses: [Table 3]

[Table 3] List of Prerequisite Courses

Degree Program	Prerequisite Courses (Lower-degree Program)	Notes
Master's Program	Undergraduate-level courses: Management Information Systems, Managerial Accounting I, Principles of Marketing, Production and Operations Management, Financial Management, Organizational Behavior, Business Statistics, Principles of Management, Responsible Management, Principles of Accounting	Up to 9 credits of undergraduate courses may be recognized.
Integrated Master's–Doctoral Program	Undergraduate-level courses: Management Information Systems, Managerial Accounting I, Principles of Marketing, Production and Operations Management, Financial Management, Organizational Behavior, Business Statistics, Principles of Management, Responsible Management, Principles of Accounting	Up to 12 credits of undergraduate courses may be recognized.
Doctoral Program	Any courses offered by this Department	Up to 12 credits completed in undergraduate or Master's programs may be recognized.

- Courses not listed above may be recognized as prerequisites through the decision of the departmental meeting.

② Among courses completed in a lower degree program before admission, those that are approved for credit recognition after confirmation by the academic advisor and the department chair, and approval by the relevant authority (dean, etc.), may be recognized as prerequisite credits.

Article 7 (Recognition of Courses from Other Departments)

1. Students may take major courses from other departments within the Graduate School with the approval of their academic advisor and the department chair, and these may be recognized as major electives within the limits of credits from other departments specified in [Table 1].
2. When a student changes departments or majors (via transfer within the university), the courses completed in the previous department may be recognized as major electives within the limits of credits from other departments in [Table 1], subject to approval by the department chair.
3. If the number of credits from other departments exceeds the stipulated limit, additional recognition may be granted through a decision of the departmental meeting.

Article 8 (Completion of Graduate School Common Courses)

1. A student who wishes to take common (convergence education) courses offered by the

Graduate School for all graduate students must consult with their academic advisor (or the department chair if no advisor has yet been assigned) to decide which courses to take, and then complete the prescribed course registration form and obtain approval from both the academic advisor and the department chair.

2. When Graduate School common courses are completed, up to 3 credits in the Master's program and up to 6 credits in the Doctoral and Integrated Master's–Doctoral programs may be recognized as major elective credits.

Article 9 (Completion of Program)

1. Completion of the program is recognized only for students who have completed the courses corresponding to Article 4 and have satisfied all requirements prescribed in higher level regulations such as the Graduate School Regulations and internal bylaws.

2. Students required to complete prerequisite credit(s) must earn the prescribed prerequisite credits. However, prerequisite credits are not included in the credits required for program completion.

3. Among credits recognized from other departments and common courses, only the credits defined in the relevant articles are recognized toward program completion.

Article 10 (Graduation)

1. Graduation is recognized only for those who have fulfilled all requirements for completion in Article 9 and have satisfied all graduation requirements, including passing the degree qualifying examinations, completing the degree thesis/dissertation, and meeting the publication requirements.

2. The eligibility requirements for submission of a degree thesis/dissertation follow the Graduate School bylaws, and the Department's additional requirements are as follows:

- 1) For Doctoral students, those who have completed the program and registered for research after completion.
- 2) Those whose thesis/dissertation similarity test (plagiarism check) results, conducted by the University, indicate that the risk of plagiarism is deemed to be very low.

Article 11 (Degree Qualifying Examinations)

1. To submit a degree thesis/dissertation to the Graduate School of this university, students must pass the degree qualifying examinations prescribed by this Department.

2. The degree qualifying examinations are held each semester.

3. The degree qualifying examinations consist of:

- Degree Qualifying Examination (Comprehensive Examination), and
 - Degree Qualifying Examination (Research Proposal).
4. To be eligible to take the Comprehensive Examination, a student must have completed at least one semester of the program and be currently enrolled or have completed the program.
 5. To be eligible to take the Research Proposal, a student must meet all of the following requirements:
 - 1) Have already earned, or be scheduled to earn in the relevant semester, at least 24 credits (Master's program), 36 credits (Doctoral program), or 60 credits (Integrated Master's–Doctoral program).
 - 2) Have already passed, or be scheduled to pass in the relevant semester, the Comprehensive Examination prescribed by this Department.
 6. The Research Proposal is evaluated on a Pass (P) / Fail (N) basis, and the examination result report, confirmed by the department chair, is submitted to the Dean of the Graduate School.

Article 12 (Requirements for Publication of Papers)

1. To obtain a degree, students must submit proof of research paper publication (or accepted manuscript) in addition to the degree thesis/dissertation.
2. The publication requirements defined by this Department follow the internal regulations of the Graduate School. However, in the Marketing major, Doctoral students must submit, in addition, at least one proof of submission to an SSCI journal and the first round review result report. In such cases, the student must be listed as the first author on the submission certificate, and the first round review result is recognized as valid only if it is not a “desk reject.”
3. More than one student cannot use the same paper as their research publication record for meeting the degree requirements.

Article 13 (Recognition of Credits Earned Prior to Admission)

1. If, before admission to this Department, a student has completed courses that correspond to this Department's curriculum in an equivalent degree program at another domestic or overseas graduate school and applies for credit recognition by submitting the prescribed application form with confirmation by the department chair, the student may, with the approval of the department chair, have up to 6 credits (Master's and Integrated Master's–Doctoral programs) or up to 9 credits (Doctoral program) recognized.
2. If a student completes a Graduate School course offered by this university while enrolled in an undergraduate program at this university and receives a grade of B or higher, then, subject to the procedure in Paragraph 1 and only for credits in excess of those required for the undergraduate degree, up to 6 credits may be recognized.

Article 14 (Recognition of Credits for Transfer Students)

Students who transfer into this Department may have credits earned at their previous graduate school recognized, up to 6 credits for the Master's program and up to 9 credits for the Doctoral program, only if the courses are deemed similar to those in this Department's curriculum and are approved by the department chair.

Article 15 (Department Operating Committee)

1. To deliberate on major matters related to the operation of this Department, the Department of Business Administration in the Graduate School shall operate the Department Operating Committee (hereinafter referred to as the "Operating Committee").
2. The Operating Committee shall consist of at least five members, including the department chair.
3. The ex officio member (department chair) serves for the duration of their term of office, while appointed members serve for one year and may be reappointed.
4. The department chair serves as the chairperson of the Operating Committee, convenes committee meetings, and presides over them.
5. Meetings of the Operating Committee are convened when a majority of the members are present, and resolutions are adopted by a majority vote of those present.

Supplementary Provisions

[Supplementary Provision 1]

1. Enforcement date: March 1, 2021.

[Supplementary Provision 2]

1. Enforcement date: March 1, 2022.
2. Transitional measures (regarding Article 12, Degree Qualifying Examination in the then current regulations):
 - The provisions on the degree qualifying examination in the 2022 Curriculum Implementation Regulations may also apply to students admitted before the 2022 academic year.
 - The degree qualifying examination may replace the public presentation or the thesis submission eligibility examination.
 - For students who have their degree qualifying examination recognized as a substitute, previously obtained public presentations or thesis submission eligibility examinations will not be recognized.

[Supplementary Provision 3]

1. Enforcement date: March 1, 2023.
2. Transitional measures: Students admitted before the enforcement date of these detailed regulations shall follow the previous curriculum of their respective departments. However, if necessary, they may be allowed to apply the new curriculum with the approval of the department chair following a departmental meeting.

[Supplementary Provision 4]

1. Enforcement date: March 1, 2024.
2. Transitional measures: Same as in Supplementary Provision 3.

[Supplementary Provision 5]

1. Enforcement date: March 1, 2025.
2. Transitional measures: Same as in Supplementary Provision 3.

[Supplementary Provision 6]

1. Enforcement date: March 1, 2026.

2. Transitional measures:

1) Students admitted before the enforcement date of these detailed regulations shall follow the previous curriculum of their respective departments. However, if necessary, they may be allowed to apply the new curriculum with the approval of the department chair following a departmental meeting.

2) With regard to Article 4 (Basic Structure of Curriculum), when previously admitted students are subject to the 2026 basic curriculum structure, those who have taken Methodology of Behavioral Research 1 or Methodology of Behavioral Research 2 shall be regarded as having completed Methodology of Behavioral Research, and those who have taken Methodology of Empirical Research 1 or Methodology of Empirical Research 2 shall be regarded as having completed Methodology of Empirical Research. However, if a student has completed both courses 1 and 2 of the same methodology subject, this shall be recognized as completing two Area 1 major required courses.

About Annexes 1 and 2

- Annex 1 (Curriculum Composition Table) lists all courses by major (Marketing, HR/OB, Finance, Production and Operations Management, MIS, Pension Finance, Big Data Management) with Korean titles and English titles already provided side by side.
- Annex 2 (Course Descriptions) provides detailed Korean course descriptions followed by full English descriptions for most courses (e.g., Management Science, Knowledge Management Systems, Unstructured Data Analysis, AI Business, etc.).

Annex 1. Curriculum Composition Table

No	Major/Area	Code	Title	Credits	Program		Course Type				Offered Semester		Notes	
					Master's	Doctoral	Theory	Practice	Hands-on Training	Design	1st	2nd		
1	Major Required (Area 1)	MGMT7185	Methodology of Behavioral Research	3	O	O	O					O	O	New Course
			행동연구방법론											
2	Major Required (Area 1)	MGMT7186	Methodology of Empirical Research	3	O	O	O					O	O	New Course
			실증연구방법론											
3	Major Required (Area 1)	MGMT7004	Research Methodology	3	O	O	O					O	O	
			연구조사방법론											
4	Major Elective (Production & Operations)	MGMT7035	Managerial Decision Making	3	O	O	O					O		
			경영과의사결정											
5	Major Elective	MGMT7122	Ethics and Compliance Management	3	O	O	O					O		
			윤리경영											
6	Major Elective	MGMT7059	Business and Society	3	O	O	O						O	
			기업과사회											
7	Major Required (Marketing)	MGMT7011	Consumer Behavior	3	O	O	O					O	O	
			소비자행동											
8	Major Required (Marketing)	MGMT7036	Marketing Research	3	O	O	O					O	O	
			마케팅조사론											
9	Major Elective (Marketing)	MGMT7187	Experimental Methods in Business Research	3	O	O	O					O		New Course
			경영학실험법											
10	Major Elective (Marketing)	MGMT7188	Quantitative Marketing	3	O	O	O					O		New Course
			계량마케팅											
11	Major Elective (Marketing)	MGMT7189	Seminar in Quantitative Marketing	3	O	O	O						O	New Course
			계량마케팅세미나											
12	Major Elective (Marketing)	MGMT7070	Marketing Strategy	3	O	O	O					O		
			마케팅전략론											

13	Major Elective (Marketing)	MGMT7071	IMC Strategy	3	O	O	O					O	
			IMC 전략론										
14	Major Elective (Marketing)	MGMT7072	Consumer Behavior Seminar	3	O	O	O					O	Change of Offere d Semester
			소비자행동세미나										
15	Major Elective (Marketing)	MGMT7044	Brand Management	3	O	O	O					O	
			브랜드관리										
16	Major Required (HR/OB)	MGMT7007	Strategic Human Resource Management	3	O	O	O					O	O
			전략적인적자원관리										
17	Major Required (HR/OB)	MGMT7060	Organization Behavior	3	O	O	O					O	O
			조직행동론										
18	Major Elective (HR/OB)	MGMT7075	Leadership Development	3	O	O	O					O	
			리더십개발										
19	Major Elective (HR/OB)	MGMT7076	Team & Diversity Management	3	O	O	O					O	
			팀및다양성관리										
20	Major Elective (HR/OB)	MGMT7077	Psychology at Work	3	O	O	O					O	
			산업심리및실제										
21	Major Elective (HR/OB)	MGMT7168	Organization Theory	3	O	O	O					O	
			조직이론										
22	Major Elective (HR/OB)	MGMT7079	International Human Resource Management	3	O	O	O					O	
			국제인적자원관리										
23	Major Elective (HR/OB)	MGMT7061	Organizations and Social Networks	3	O	O	O					O	
			조직과사회연결망										
24	Major Elective (HR/OB)	MGMT7080	Emotional Labor and Affect at Work	3	O	O	O					O	
			감정노동과정서										
25	Major Elective (HR/OB)	MGMT7081	Organization Design & Innovation	3	O	O	O					O	
			조직개발과변화관리										

26	Major Elective (HR/OB)	MGMT7082	Seminar on Personnel Management	3	O	O	O						O	
			조직설계와혁신											
27	Major Elective (HR/OB)	MGMT7083	Human Resource Development	3	O	O	O						O	
			인적자원관리세미나											
28	Major Elective (HR/OB)	MGMT7084	Human Resource Development	3	O	O	O						O	
			인적자원개발											
29	Major Elective (HR/OB)	MGMT7085	Seminar on Organizational Behavior	3	O	O	O						O	
			조직행동론세미나											
30	Major Required (Finance)	MGMT7113	Investment Analysis	3	O	O	O						O	O
			투자론											
31	Major Required (Finance)	MGMT7141	Financial Management	3	O	O	O						O	O
			재무관리											
32	Major Elective (Pension Finance)	MGMT7024	Insurance and Risk Management	3	O	O	O						O	
			보험경영론											
33	Major Elective (Finance)	MGMT7087	Risk Management	3	O	O	O						O	
			위험관리											
34	Major Elective (Finance)	MGMT7089	Seminar on Financial Management	3	O	O	O						O	
			재무관리세미나											
35	Major Elective (Finance)	MGMT7057	Financial Engineering	3	O	O	O						O	
			금융공학											
36	Major Elective (Pension Finance)	MGMT7114	Seminar on Pension and Retirement Plan	3	O	O	O						O	O
			퇴직연금경영론											
37	Major Elective (Finance)	MGMT7055	Financial Derivatives	3	O	O	O						O	
			금융파생상품론											
38	Major Elective	MGMT7090	Pension Accounting & Taxation	3	O	O	O						O	

	(Pension Finance)		연금세무회계										
39	Major Elective (Pension Finance)	MGMT7091	Pension ALM	3	O	O	O					O	
			연금 ALM										
40	Major Elective (Pension Finance)	MGMT7190	Behavioral Economics	3	O	O	O					O	New Course
			행동경제학										
41	Major Elective (Pension Finance)	MGMT7039	Pension Asset Management	3	O	O	O					O	
			연기금자산운용론										
42	Major Elective (Pension Finance)	MGMT7056	Actuarial Pension Funding & Valuation	3	O	O	O					O	
			연금계리										
43	Major Elective (Pension Finance)	MGMT7092	Pension Seminar	3	O	O	O					O	
			연금세미나										
44	Major Elective (Pension Finance)	MGMT7138	Pension Economics	3	O	O	O					O	
			연금경제론										
45	Major Elective (Pension Finance/ Finance)	MGMT7142	Financial Mathematics & Statistics	3	O	O	O					O	
			금융수리통계										
46	Major Required (Pension Finance)	MGMT7094	Pension Finance	3	O	O	O					O	O
			연금재무										
47	Major Elective (Finance)	MGMT7130	Corporate Finance	3	O	O	O					O	
			기업재무론										
48	Major Required (POM)	MGMT7003	Production and Operations Management	3	O	O	O					O	O
			생산운영관리										
49	Major Elective (POM)	MGMT7034	Business Simulation	3	O	O	O					O	
			경영시뮬레이션										
50	Major Elective (POM)	MGMT7096	Management Science	3	O	O	O					O	
			경영과학										
51	Major Elective	MGMT7097	Supply Chain Management	3	O	O	O					O	

	(POM)		공급사슬관리										
52	Major Elective (POM)	MGMT7098	Service Operations Management	3	O	O	O						O
			서비스운영관리										
53	Major Elective (POM)	MGMT7099	Seminar on Management Science	3	O	O	O						O
			경영과학세미나										
54	Major Elective (POM)	MGMT7100	Special Topics in Management Science	3	O	O	O					O	
			경영과학특론										
55	Major Elective (POM)	MGMT7101	Seminar on Operation Management	3	O	O	O						O
			생산운영관리세미나										
56	Major Elective (POM)	MGMT7102	Special Topics in Operations Management	3	O	O	O					O	
			생산운영관리특론										
57	Major Elective (Big Data)	MGMT7103	Business Analytics	3	O	O	O					O	Code Sharin g(Reg ulator y Scienc e)
			비즈니스애널리틱스										
58	Major Required (POM)	MGMT7062	Empirical Research in Operations Management	3	O	O	O						O
			생산운영관리실증연구										
59	Major Elective (POM)	MGMT7104	Project and Process Management	3	O	O	O						O
			프로젝트및프로세스관리										
60	Major Elective (POM)	MGMT7105	Total Quality Management	3	O	O	O						O
			품질경영										
61	Major Elective (POM)	MGMT7106	Quantitative Production Planning	3	O	O	O						O
			수리생산계획										
62	Major Elective (MIS)	MGMT7164	Electronic Commerce	3	O	O	O					O	
			전자상거래										
63	Major Required (MIS)	MGMT7107	Research in Management Information System	3	O	O	O					O	O
			경영정보연구										

64	Major Elective (MIS)	MGMT7109	MIS Seminar	3	O	O	O				O		
			MIS 세미나										
65	Major Required (MIS)	MGMT7043	Introduction to Management Information Systems	3	O	O	O				O		
			경영정보시스템										
66	Major Elective (Big Data)	MGMT7165	Decision Making Model and Analysis	3	O	O	O					O	
			의사결정모형및분석										
67	Major Elective (Big Data)	MGMT7112	Management Network Analysis	3	O	O	O					O	
			경영네트워크분석										
68	Major Elective (MIS)	MGMT7051	Database Management	3	O	O	O					O	
			데이터베이스관리										
69	Major Elective (MIS)	MGMT7052	Case Studies in Information Technology	3	O	O	O					O	
			정보기술활용연구										
70	Major Elective (Big Data)	MGMT7166	Unstructured Data Analysis	3	O	O	O					O	
			비정형데이터분석										
71	Major Elective (MIS)	MGMT7134	Knowledge Management Systems	3	O	O	O					O	
			지식경영시스템										
72	Major Elective (MIS)	MGMT7136	Digital Media Management	3	O	O	O				O		
			디지털미디어경영										
73	Major Elective (MIS)	MGMT7167	MIS Case Study	3	O	O	O					O	
			MIS 사례연구										
74	Major Elective (MIS)	MGMT7029	Business Model Research	3	O	O	O					O	
			비즈니스모델연구										
75	Major Elective (MIS)	MGMT7171	Information Security and Ethics	3	O	O	O				O		
			정보보안및윤리										
76	Major Elective (MIS)	MGMT7172	Blockchain Business	3	O	O	O				O		
			블록체인비즈니스										
77	Major Required (Big Data)	MGMT7132	Introduction to Big Data Management	3	O	O	O				O	O	
			빅데이터경영개론										
78		MGMT7169	AI Business	3	O	O	O				O		

	Major Elective (Big Data)		AI 비즈니스											
79	Major Required (Big Data)	MGMT7173	Machine Learning 머신러닝	3	O	O	O					O	O	
80	Major Elective (Big Data)	MGMT7174	Deep Learning 딥러닝	3	O	O	O					O		
81	Major Elective (Big Data)	MGMT7175	AI Programming AI 프로그래밍	3	O	O	O						O	
82	Major Elective (Big Data)	MGMT7176	Big Data Visualization 빅데이터시각화	3	O	O	O						O	
83	Major Elective (Big Data)	MGMT7177	Big Data Programming 빅데이터프로그래밍	3	O	O	O					O		Code Sharin g(Reg ulator y Scienc e)
84	Major Required (Area 2)	MGMT7010	Datamining Theory and Applications 데이터마이닝이론및실제	3	O	O	O					O	O	
85	Major Required (Area 2)	MGMT7170	Research Design Methodology 연구설계방법론	3	O	O	O					O	O	
86	Major Elective (Finance)	MGMT7178	Seminar for Financial Policy 금융정책세미나	3	O	O	O					O		
87	Major Elective (Marketing)	MGMT7179	Special Topics in Marketing 마케팅특수연구	3	O	O	O					O		Chang e of Cours e Title
88	Major Elective (Marketing)	MGMT7180	Seminar in Marketing Research 마케팅조사세미나	3	O	O	O						O	Chang e of Cours e Title
89	Major Elective (Marketing)	MGMT7181	Marketing Analytics 마케팅애널리틱스	3	O	O	O						O	
90	Major Elective (HR/OB)	MGMT7182	Leadership System Seminar 리더십시스템세미나	3	O	O	O					O		
91	Major Required	MGMT7183	Research Data Management 연구데이터관리	3	O	O	O						O	
92	Major Elective (Finance)	MGMT7184	Empirical Studies in Finance 재무실증연구	3	O	O	O					O		

Annex 2. Course Descriptions

NO.	Code	Title	Course Descriptions
1	MGMT7185	Methodology of Behavioral Research	This lecture focuses on the concept and principles of behavioral research methods for master/doctoral students in various business administration fields (marketing, HR organization, MIS, etc.) that utilize social science and behavioral science research theories and research methods. Through this lecture, master/doctoral students will learn experimental research methods and investigative research methods to solve business management research problems according to the behavioral science approach. Students will learn to build a theoretical model based on behavioral science theory and an analytical model based on methods of quantitative psychology research. Under these designs, students will also learn how to collect primary data: experimental data and survey data. Finally, students will theoretically learn about various behavioral science statistical models and analysis methods to analyze these data. In particular, this lecture focuses on mediating effects using regression analysis, moderating effects, mediated moderating effects, controlled mediating effect testing methods, exploratory/confirmatory factor analysis, partial least squares path modeling, and correlation structure analysis.
		행동연구방법론	
2	MGMT7186	Methodology of Empirical Research	This lecture provides information on essential research methodologies for empirical research of first-year graduate students. In particular, this lecture is based on the contents of econometrics for academic research using secondary data in a wide range of business majors, and provides contents related to basic empirical modeling necessary for writing papers. Specifically, this lecture discusses basic econometric methodologies such as basic session analysis or panel data analysis by starting with a review of basic probability and statistical theory, which are commonly used in business topics and provides content that can help students write their papers. This lecture also aims to develop students' actual empirical research skills by providing theoretical content in empirical research methodology to enable them to write papers, and by providing sessions to model their desired topics using actual data. In this lecture, various problem sets will be provided for students' understanding and practical experience, and they will have time to discuss them in class. In addition, this is a mandatory course for taking Methodology of Empirical Research II, which covers more advanced methodologies.
		실증연구방법론	
3	MGMT7004	Research Methodology	In this lecture, students review basic statistical theories and mathematical knowledge, and theoretical learning of survey methods ranging from filling out questionnaires to specific survey procedures for practical research. In addition, through this lecture, students will learn about the effective use of analysis programs such as SPSS and SAS through practice, and develop the ability to accurately interpret and apply the results of these analysis programs. Therefore, in order to effectively complete this lecture, a certain amount of statistics, mathematics, and basic knowledge of computers are required.
		연구조사방법론	
4	MGMT7035	Managerial Decision Making	In this lecture, students learn mathematical theory, quantitative methodology, and methodologies that use computers to find answers to decision-making problems required in various fields of management. Based on the basic contents of basic mathematics, management science, and optimization theory, this lecture provides decision-making methodology and organizational and management economic contents.
		경영과의사결정	
5	MGMT7122	Ethics and Compliance Management	In this lecture, students will review and discuss how ethical and moral elements in corporate management will be integrated into the decision-making process, communication process, and leadership process, what institutional devices are for compliance, and what best practices are.
		윤리경영	
6	MGMT7059	Business and Society	This lecture theoretically and empirically reviews/discusses ways for companies to discover opportunities, present solutions, build corporate citizenship in social problems and needs to identify organic relationships between companies and society.
		기업과사회	
7	MGMT7011	Consumer Behavior	This lecture provides a variety of consumer behavior models, learning the theoretical structure of consumer behavior in psychological, sociological, and anthropological aspects.
		소비자행동	
8	MGMT7036	Marketing Research	This lecture covers the process of systematically acquiring, processing, analyzing, and using research results in marketing strategies, and provides research methodologies that can be applied in other academic fields along with marketing areas.
		마케팅조사론	

9	MGMT7187	Experimental Methods in Business Research	The goal of this course is to become familiar with experimental research techniques and data analysis. Specifically, we will discuss various experimental designs, how to manipulate independent variables and measure dependent variables, how to control for the influence of extraneous variables, and how to eliminate alternative hypotheses. Further, we will discuss the methods to statistically analyze data obtained from experimental research (e.g., analysis of variance, regression analysis).
		경영학실험법	
10	MGMT7188	Quantitative Marketing	This course explores the marketing science approaches to improve marketing decision making in such areas as strategic marketing, advertising, pricing, sales force management, sales promotions, new products, and digital marketing.
		계량마케팅	
11	MGMT7189	Seminar in Quantitative Marketing	This course is designed to discuss various contemporary issues in quantitative marketing. Special topics are addressed and studied in detail.
		계량마케팅세미나	
12	MGMT7070	Marketing Strategy	Recently, as the external marketing environment of a company has become increasingly fierce, the success or failure of a company is determined by establishing a long-term marketing strategy that can win market competition and effectively implement it. According to this trend, this lecture analyzes company's internal and external marketing environment and covers the concepts, models, methods, and activities of strategic market management.
		마케팅전략론	
13	MGMT7071	IMC Strategy	IMC is the field that companies have recently mentioned as a survival self-rescue measure due to intensifying competition. This lecture is a subject to learn about the research directions and research methods of existing research in these new fields. In this lecture, we will also think about new research tasks related to these topics. Therefore, we examine research results in the fields of advertising/promotion theory and effectiveness measurement, direct marketing theory, general understanding of salesmanship, general understanding of promotions, and IMC and brand assets.
		IMC 전략론	
14	MGMT7072	Consumer Behavior Seminar	The existing consumer behavior doctor's seminar is intended to be a consumer behavior seminar so that master's students can take it.
		소비자행동세미나	
15	MGMT7044	Brand Management	As a first step to becoming a brand manager, we discuss understanding the concept and case of a brand, selecting a brand when consumers make purchase decisions, building brand equity, utilizing brand equity, and strengthening power through research on brand importance and necessity. This lecture aims to learn the foundation and practical guidelines of brand strategy and effective management by integrating the latest theories and development strategies of branding from an academic and practical perspective to address important issues related to the application and case studies of classical and contemporary branding, global outlook, and strategy establishment and evaluation.
		브랜드관리	
16	MGMT7007	Strategic Human Resource Management	In this lecture, we study the theory of human resource planning, training, and development to improve the personal performance of corporate organization members and the efficiency of the entire organization. Focusing on the function of human resource management, which has an integrated relationship with the company's strategic direction, we summarize recent theoretical trends and research methodological issues related to human resource planning and training development management faced by modern corporate organizations.
		전략적인적자원관리	
17	MGMT7060	Organization Behavior	Organizational behavior studies the theoretical basis of understanding (perception, personality, motivation, attitude, etc.) of various individual differences occurring at the individual or group level in the organization, and various methods and examples that can be applied to achieve and activate organizational goals.
		조직행동론	
18	MGMT7075	Leadership Development	This lecture provides methodologies and examples to successfully settle in organizational phenomena through various recently developed leadership theories based on the basic theory of leadership.
		리더십개발	
19	MGMT7076	Team & Diversity Management	This lecture focuses on examining what effective team building requirements are, under what conditions and through what processes these building requirements affect team effectiveness, and seeks effective team management measures based on understanding them. This lecture place a great importance on diversity, which is a field of team building requirements, and examines diversity management measures to improve team effectiveness.
		팀및다양성관리	
20	MGMT7077	Psychology at Work	This lecture aims to understand and analyze various individual and social phenomena occurring in industrial sites through psychological theory. In this lecture, we will examine how psychological theories can be applied, especially to improve organizational effectiveness and personal welfare, and understand how they are applied in industrial sites.
		산업심리및실제	
21	MGMT7168	Organization Theory	The purpose of this lecture is to discuss academic theories and research trends to understand not only companies but also all kinds of organizations that have emerged since modern times from a macro perspective. While organizational behavior is the subject of a theory that focuses on the actions and performances of members in an organization, organizational theory is the subject of a theory about the phenomenon of an organization
		조직이론	

			surviving in response to environmental changes. It focuses on promoting the understanding of the development trends of empirical papers through reading and discussion of major academic papers along with various theories included in the field of macro-organizational theory.
22	MGMT7079	International Human Resource Management 국제인적자원관리	Through this lecture, we will understand the changes in the environment that require international human resource management and international human resource management in the era of global competition, and explore the important tasks that globalized environmental change poses to multinational companies and countermeasures.
23	MGMT7061	Organizations and Social Networks 조직과사회연결망	In this lecture, it is a subject that provides an understanding of theory and methodology about social network theory and analytical methodology, which has recently attracted great attention in terms of methodology as well as theoretical aspects of theory. This lecture aims to understand the structure of intra-organizational and inter-organizational social networks in terms of relationships and to provide an understanding of how the characteristics of relationships affect employees' behavior or performance as members of the organization, as well as strategic behavior and performance of corporate organizations. For more specific purposes, the lecture aims to (1) provide students with an understanding of the fundamentals of social network theory, (2) inspire their ability to use the network concepts used in this theory for practical research, and (3) elicit the ability to construct research that encompasses social network perspectives.
24	MGMT7080	Emotional Labor and Affect at Work 감정노동과정서	This lecture covers the causes, consequences, dimensions, and roles of moods, emotions, and emotional events that make up affect, and focuses on how the research on emotions has been applied and can be applied to industrial sites. In addition, it focuses on emotional labor, which is a hot topic in the service industry these days, and seeks ways to manage emotions by identifying the way emotions are regulated in organizational life, the organizational performance of the discipline method, and the impact on personal mental health.
25	MGMT7081	Organization Design & Innovation 조직개발과변화관리	Members of the organization are involved in some form of change. Whether the scale of change is large, small, or the benefits of change are real or radical, members of an organization are forced to adapt to change and sometimes lead the way. In particular, change is inevitable to maintain survival and growth in a rapidly changing competitive environment. In this lecture, students will understand the connection between theoretical concepts and practical tools based on the complexity of phenomena occurring in the organization and review ways to effectively approach and manage changes.
26	MGMT7082	Seminar on Personnel Management 조직설계와혁신	In this lecture, we examine the basic variables for designing organizational structures and how they are effective to be designed according to organizational situations (environment, technology, strategy, and scale), and study cases based on the theoretical basis of organizational design models. In addition, through this lecture, we will strengthen the ability to build a successful organizational model by acquiring an understanding of the direction of organizational innovation and new organizational models according to changes in the organizational environment.
27	MGMT7083	Human Resource Development 인적자원관리세미나	In this lecture, we explore, compare and analyze the functions and second theories of personnel management, and savor the theory, policy, and industrial relations focusing on cases for efficient management of manpower.
28	MGMT7084	Human Resource Development 인적자원개발	It studies the management techniques of employment planning, recruitment, training, and deployment of personnel who can develop their potential to the fullest extent and effectively use them, as well as the management of working conditions such as safety and welfare, and human relations and labor-management relations.
29	MGMT7085	Seminar on Organizational Behavior 조직행동론세미나	This lecture is an advanced subject rather than an organizational behavior, which provides various research topics in depth and includes the process of designing actual research and linking it with research models.
30	MGMT7113	Investment Analysis 투자론	It examines the institutional aspects of the securities issuance and distribution markets and fosters theories and techniques that can make rational investment decisions based on them.
31	MGMT7141	Financial Management 재무관리	This lecture fosters the ability to broadly understand theories and techniques on capital procurement and investment, and to analyze and evaluate problems related to them.
32	MGMT7024	Insurance and Risk Management 보험경영론	It examines general theories on insurance, environmental conditions of the insurance finance industry, and recent issues, and studies insurance management policies and financial supervision policies to improve the financial soundness of the insurance business and promote qualitative growth in terms of risk management.
33	MGMT7087	Risk Management 위험관리	This lecture provides risk and risk management techniques for financial institutions, financial industries, and financial institutions. In addition, through this lecture, we understand the various types of risks facing financial institutions, and study the theory and application of measurement techniques and management methods.
34	MGMT7089	Seminar on Financial Management	Through this lecture, students develop the ability to broadly understand theories and techniques on capital investment and procurement and to analyze and evaluate problems

		재무관리세미나	related to them.
35	MGMT7057	Financial Engineering	This lecture fosters the ability to analyze various financial products such as stocks, fixed-income securities, and derivatives through a financial engineering approach, and seeks practical risk management measures using financial engineering products.
		금융공학	
36	MGMT7114	Seminar on Pension and Retirement Plan	This lecture will selectively examine related issues that have recently emerged while promoting a comprehensive understanding and systematization of all aspects related to the operation of the retirement pension system.
		퇴직연금경영론	
37	MGMT7055	Financial Derivatives	This course is a basic subject for understanding future and option investments. This course introduces the price theory and investment strategy of futures and options to eliminate the risks posed by investors, entrepreneurs, and traders due to fluctuations in the prices of imported raw materials such as agricultural products, nonferrous metals, and financial products such as exchange rates, international interest rates, and stocks.
		금융파생상품론	
38	MGMT7090	Pension Accounting & Taxation	This lecture focuses on institutional issues on financial products/pension accounting and taxation, and covers issues related to micro economic-based tax audits through recent discussions on issues.
		연금세무회계	
39	MGMT7091	Pension ALM	Through this lecture, we will understand the necessity of PALM, pension debt management, pension debt evaluation methods, and asset allocation strategies related to debt to maintain a certain reserve ratio and examine in-depth cases of overseas PALM application.
		연금 ALM	
40	MGMT7190	Behavioral Economics	This course examines the key topics and foundational concepts of behavioral economics, a field that has emerged by addressing the limitations of traditional economics and expanding its methodological approaches. The course also covers behavioral finance -one of the most practically relevant subfields of behavioral economics - to explore how behavioral factors shape real-world economic and financial decision making.
		행동경제학	
41	MGMT7039	Pension Asset Management	Through this lecture, we will learn about the optimal pension fund asset allocation strategy in asset management of pension funds that require long-term fiscal balance management. This lecture aims to understand the overall pension fund asset management through examples of pension fund asset management.
		연기금자산운용론	
42	MGMT7056	Actuarial Pension Funding & Valuation	Through this lecture, we will enhance and apply understanding of pension accounting tools, pension finance methods, and evaluation methods that appear in advanced pension systems. In addition, this lecture aims to diagnose and review the recent accounting issues of the Korean pension system (DB), and to enhance understanding of DC asset management and pension design.
		연금계리	
43	MGMT7092	Pension Seminar	Through this lecture, we will understand the necessity of PALM, pension debt management, pension debt evaluation methods, and asset allocation strategies related to debt to maintain a certain reserve ratio and examine in-depth cases of overseas PALM application.
		연금세미나	
44	MGMT7138	Pension Economics	Through this lecture, we examine individual and corporate decision-making factors related to pensions based on economic theory. To this end, this lecture aims to learn basic economic theories and enhance the general understanding of pension economic theory based on this.
		연금경제론	
45	MGMT7142	Financial Mathematics & Statistics	This lecture provides basic mathematical and statistical knowledge to understand and apply theories and models in the pension field and finance field. In this lecture, students will learn key research papers on pension finance and also study various research methodologies at the same time. This lecture aims to promote students' research skills.
		금융수리통계	
46	MGMT7094	Pension Finance	This lecture provides Emphasize reports & presentations to understand and implement a financial and pension accounting approach based on pension repair and financial management, investment theory. Through this, the purpose is to enhance the general understanding of pension finance and to enhance understanding of asset management and list hedging in terms of DC/DB.
		연금재무	
47	MGMT7130	Corporate Finance	This lecture studies various real options that must be considered in a company's investment decision. The concept of financial options and valuation methods are learned, and the valuation method of securities is studied by applying them. Based on this, it deals with conflicts of interest between managers and shareholders and conflicts of interest between shareholders and creditors that may occur when a company makes investment decisions.
		기업재무론	
48	MGMT7003	Production and Operations Management	Through this lecture, we Study the basic contents related to the concept, design, operation, and control of the production system. It analyzes and seeks ways to solve problems related to demand forecasting methods, production plan, capability plan, schedule plan, inventory management, quality control, etc.
		생산운영관리	
49	MGMT7034	Business Simulation	Through this lecture, we will learn the concepts of statistics and simulation for more rational decision-making in various uncertain decision-making situations, implement simulation models for various decision-making problems in management such as production management, finance/insurance, marketing, and management information, and derive rational decision-making through analysis.
		경영시뮬레이션	

50	MGMT7096	Management Science	Through this lecture, we study how to solve management problems by approaching them scientifically. Establish a model for problem-solving and study its solutions. It is divided into a definitive model and a probabilistic model to present an optimal plan for decision-making.
		경영과학	
51	MGMT7097	Supply Chain Management	This course aims to develop the students' understanding of supply chain management (SCM) and its strategic importance for every firm. It will introduce the core concepts and principles of SCM and the business applications of these concepts. The students should demonstrate an understanding of SCM principles and practices; describe the critical factors affecting SC design and operations; and be able to use the SCM tools to examine business problems and recommend solutions to SC operations.
		공급사슬관리	
52	MGMT7098	Service Operations Management	As our economy is transforming into a service society, the importance of services is increasing. Therefore, this subject helps to understand the concept of service management, compares and analyzes various aspects of the service industry, and learns the techniques necessary to manage the service business by combining management scientific aspects. In addition, service operation management is learned integrally so that service organizations can achieve excellent competitive advantage.
		서비스운영관리	
53	MGMT7099	Seminar on Management Science	Through this lecture, we provide techniques that can solve complex management problems through various models of management science. A model that can analyze uncertain and competitive business environments through a systematic and quantitative analysis framework is presented. This subject is based on an understanding of probability/statistics, mathematical planning, game theory, and decision-making models, and studies various recent theories and decision-making issues that confront reality.
		경영과학세미나	
54	MGMT7100	Special Topics in Management Science	This subject is based on systematic thinking for designing and operating complex systems, and studies how various management scientific methodologies are applied to companies and industries. We also study the latest trends and theories of management science, but we also examine how management and technology are fused and harmonized with each other, affecting the actual industry.
		경영과학특론	
55	MGMT7101	Seminar on Operation Management	In this lecture, we understand the basic concepts of design, operation, and control systems necessary for the creation of tangible and intangible goods, and study models such as production planning, process management, work management, business management, inventory management, location analysis, and design layout.
		생산운영관리세미나	
56	MGMT7102	Special Topics in Operations Management	In this lecture, we educate master/doctoral students with recent papers and examples related to high-level production management and study the latest theories and trends through active discussions. The main contents include production strategy, location, inventory management, material requirement plan, scheduling, supply chain management, TQM, E-Business, and ERP. It is also possible to provide research on special fields by industry, such as information media industry, automobile industry, shipbuilding industry, and construction industry.
		생산운영관리특론	
57	MGMT7103	Business Analytics	In this lecture, we learn methodologies that derive useful information from complex and large amounts of data and also learn how we make decisions through them. Through this lecture, we study actual data analysis and application based on various models and techniques of management science, including multivariate statistical analysis. This lecture covers in-depth with linear statistical models, including multivariate regression analysis, and introduces methodologies for applying analyzed data based on decision trees and strategic game theories. This lecture also discusses how to derive useful information hidden in big data through classification techniques and clustering of data, including cluster analysis. For this lecture, we also learn how to use software such as Matlab and R, implement these methodologies, and analyze actual data through them.
		비즈니스애널리틱스	
58	MGMT7062	Empirical Research in Operations Management	The objective of this course is to expose students to the existing empirical operations management (OM) literature and to provide them with the training required to engage in empirical study themselves. The course will introduce what types of problems in operations are interesting and valuable from an empirical viewpoint and how students can get start with an empirical OM research project. Relevant research techniques will be introduced. Students will be required to study and comment on selected OM literature.
		생산운영관리실증연구	
59	MGMT7104	Project and Process Management	This course aims to develop the students' ability to formulate and implement a project, and to evaluate, plan and manage projects. The course will introduce the role of project management, the identification of project opportunity, the evaluation of project feasibility, and the development of project proposals. The major techniques in project management activities will be covered. Students will learn and apply the project management concepts and techniques through a project management proposal.
		프로젝트및프로세스관리	
60	MGMT7105	Total Quality Management	The objective of this course is to introduce students to the principles of total quality management (TQM) that integrates quality of product, process and management. The course will discuss in detail the principles of total quality management in both theories and practice. The major techniques in TQM adoption will be covered, and students will learn to apply TQM principles and techniques through a quality improvement project.
		품질경영	
61	MGMT7106	Quantitative Production	This course covers the preparation of production plans using optimization tools. Learn

		Planning 수리생산계획	how to mathematically model real-world problems in various industries, including production plans for a single variety, production plans for multiple varieties, and production plans for multi-stage MRPs. At the same time, we will look at how to use the Xpress/MP or CPLEX tool. Using these optimization tools, we learn how to create an optimal production plan and develop the ability to understand the meaning of the optimization solution derived.
62	MGMT7164	Electronic Commerce 전자상거래	In order for a company to survive and succeed, e-commerce is to reorganize the company's overall value chain using network technology and establish a new business model. In the era of the 4th Industrial Revolution, e-commerce will be faster, 1:1 customized marketing will be more sophisticated, and safer and more reliable transactions will be made on the basis of the new e-commerce infrastructure of blockchain. New business models (O2O services) such as Kakao Taxi and Baedal Minjok have also emerged, creating new customer values as online and offline businesses have converged. This subject focuses on helping an accurate understanding of e-commerce and using it as a new strategic opportunity for companies or organizations in the era of the Fourth Industrial Revolution.
63	MGMT7107	Research in Management Information System 경영정보연구	This course introduces the concept of information, information technology, information systems, and how they are applied in business operations, management processes, and decision making. It also emphasizes the role of information technology as a way of gaining competitive advantage in business. The current issues such as electronic commerce, mobile commerce and social/ethical issues such as computer crime and privacy are discussed to help students understand the information society better and succeed in it.
64	MGMT7109	MIS Seminar MIS 세미나	In this lecture. research and presentation of related papers at home and abroad to study the development trend and system of MIS field, and industry-academic cooperation research is conducted by holding a seminar of practical experience to study how theory and practice in MIS field are developing in combination.
65	MGMT7043	Introduction to Management Information Systems 경영정보시스템	In this lecture. the role of information in corporate management and the structure and development of information systems that can provide such information are studied, and measures and case studies are conducted to improve corporate competitiveness using information technology.
66	MGMT7165	Decision Making Model and Analysis 의사결정모형및분석	The purpose of this course is to improve the ability to effectively and efficiently solve various types of decision-making problems that are complex and difficult to define under the uncertainties commonly encountered by corporate managers. Therefore, this subject introduces basic theories and concepts for decision-making problems and decision analysis, formalizes management decision-making problems that are difficult to define, and learns various modeling methods and analysis techniques to solve them.
67	MGMT7112	Management Network Analysis 경영네트워크분석	For innovative ideas, it is important to discover new ideas and combine various perspectives. One of the means to increase the possibility of such innovative ideas is to form various relationships within and outside the organization. Conventional companies have focused on increasing the closeness and adhesion of relationships, but IBM, Google, and Apple have created innovations that go beyond the existing competition framework based on various relationships. Therefore, this subject discusses the importance of building various relationships within the organization and how to build various relationships through acquiring basic and core concepts of network analysis.
68	MGMT7051	Database Management 데이터베이스관리	The key to information resource management is data resource management. Recently, data resource management has become more important as big data has become a hot topic. In this course, we will study various technologies related to data resource management in terms of business administration. Study DBMS, Data Model, Data Warehouse, OLAP, Data Mining, Data Architecture, No SQL, Data Governance, etc. Specifically, we study detailed techniques for data modeling and data architecture.
69	MGMT7052	Case Studies in Information Technology 정보기술활용연구	In this lecture, we study the characteristics, strengths and weaknesses of various recent information technologies that are increasingly explosive and examine in depth the latest domestic and foreign cases using these information technologies.
70	MGMT7166	Unstructured Data Analysis 비정형데이터분석	In this lecture, we learn the process of analyzing large amounts of unstructured data such as text, images, sounds, and videos, which have recently exploded due to the use of SNS, and extracting useful information, patterns, and knowledge necessary for management decisions. It learns techniques such as unstructured data collection, data processing and conversion, frequency analysis, keyword association analysis, emotional analysis, topic analysis, image mining, and video mining using crawling techniques, and conducts practical projects to apply them to actual management cases.
71	MGMT7134	Knowledge Management Systems 지식경영시스템	The knowledge management system is an information technology system that improves corporate competitiveness by systematically managing and sharing knowledge and supports an integrated knowledge management process to maximize the value of knowledge resources within the organization. In this subject, knowledge management theories and systems such as knowledge management theory and framework, knowledge management and organization, knowledge management process and knowledge

			management strategy, knowledge management information technology and knowledge management system, and T-KMS are studied.
72	MGMT7136	Digital Media Management	Design and develop various digital media products, services, content, and business models such as digital products, smart connected products, and social media, and learn issues that may arise in the process of business development and organization. Students will learn the elements necessary to make the digital media business successful by selecting roles according to their technical readiness and interests and conducting projects individually and group by group. In this process, smart technologies such as artificial intelligence technology and IoT technology are learned, and media/network theory, economic/management theory, and examples are learned.
		디지털미디어경영	
73	MGMT7167	MIS Case Study	As the Internet became more common and IT and information systems developed, many changes and innovations took place in companies. Recently, in the era of the 4th Industrial Revolution, digital transformation of business models and work processes using digital technology is taking place. The purpose of this subject is to understand the concept of overall MIS through practical examples. In particular, we focus on the latest MIS cases to strengthen the practical MIS utilization capabilities.
		MIS 사례연구	
74	MGMT7029	Business Model Research	This lecture fosters the ability to design, analyze, and evaluate business based on the Business Model methodology. First, you will learn the establishment and development process when defining the business model through the overview of the business model, role, institutional characteristics, importance, business model, competition strategy, reality, and existing business model research. Based on this theoretical basis, a new business model is established from the first stage (value model) model to the second stage (customer model), the third stage (process model), and the fourth stage (financial model), and the cost structure and profit model of the business model are analyzed and evaluated.
		비즈니스모델연구	
75	MGMT7171	Information Security and Ethics	This lecture learns the overall contents of information protection and information ethics. This course aims to learn information protection concepts, passwords, system security and network security, and authentication, and learn about human information protection, physical information protection, disaster recovery plan, and access control. In addition, within the framework of responsible management, ethical issues in various areas such as information ethics, information technology ethics, and information system ethics are dealt with along with examples. Through this course, students will learn the motivation and ability to maintain a safe and sustainable information society.
		정보보안및윤리	
76	MGMT7172	Blockchain Business	This lecture focuses on conceptual understanding of blockchain, which has recently emerged as a disruptive technology, major use cases, future prospects, and virtual currency such as Bitcoin.
		블록체인비즈니스	
77	MGMT7132	Introduction to Big Data Management	Big data or business analysis is being talked about as areas that can have the greatest impact on companies after the mobile era. This subject introduces big data and business analysis. Although the overall introduction is made, this subject aims to focus on the use of big data rather than big data technology. In particular, it deals with data task discovery, structured data analysis, unstructured data analysis, and data visualization. I would like to study big data cases by industry related to this. In addition, I would like to study open data and my data concepts and examples beyond big data.
		빅데이터경영개론	
78	MGMT7169	AI Business	In this lecture we understand the correct definition and development history of artificial intelligence (AI), and overview various methodologies and applications of AI. To this end, we learn enough to directly utilize various AI algorithms and methodologies, study cases where these AI methodologies are used in companies, and learn about AI's business application methodologies. Through this, we learn about corporate response strategies and emerging artificial intelligence business models and cases in the era of digital transformation using AI.
		AI 비즈니스	
79	MGMT7173	Machine Learning	Machine learning is a branch of artificial intelligence that studies problem-solving systems that can continuously improve performance through data observation and experience from the environment. In this subject, we learn about the theory of machine learning and practical application methods in companies. We study the basic principles and theoretical background of supervised learning, unsupervised learning, and reinforcement learning, and learn specific algorithms for them. It deals with Bayesian, decision-making trees, artificial neural networks, SVMs, deep learning, and other recent machine learning algorithms, as well as methods used in various fields such as finance, marketing, and production.
		머신러닝	
80	MGMT7174	Deep Learningv	Among many machine learning techniques, it is a class specialized in deep learning, which is called the core technology of artificial intelligence as it is making the fastest development. In this subject, we learn about the basic principles and major applications of deep learning algorithms such as CNN, RNN, and Reinforcement Learning, and then conduct simple practice using Python.
		딥러닝	
81	MGMT7175	AI Programming	In this lecture, we learn how to perform machine learning and deep learning using Python programming language, which is exploding in the era of artificial intelligence. We train
		AI 프로그래밍	

			Python's grammar and programming logic and cultivate programming skills for artificial intelligence learning and data processing through practice of collecting, processing, analyzing, and visualizing various forms of structured and unstructured data.
82	MGMT7176	Big Data Visualization	The reason why visualizing and presenting the results of big data analysis is important is that visualization can intuitively and quickly identify the characteristics of the data, which can facilitate understanding and persuasion in the management decision-making process. In this subject, various visualization tools such as R, Python, and Tableau are used to cultivate the ability to efficiently and effectively derive visualization data suitable for specific management purposes.
		빅데이터시각화	
83	MGMT7177	Big Data Programming	This lecture aims to learn the programming basics skills for big data analysis using R which is a programming language and software environment that efficiently supports data analysis and visualization using data processing, statistical analysis, data mining, machine learning, and deep learning. R is an open-source software language with a wide spectrum of applications based on more than 14,800 different packages and it is helping to solve big data processing, analysis, and visualization with simple programming based on powerful data-type functions. In this lecture, students will develop their ability to handle R skillfully through R's basic grammar, data collection, data processing, data analysis, visualization, and simple real-world management case analysis.
		빅데이터프로그래밍	
84	MGMT7010	Datamining Theory and Applications	In this lecture, structured data analysis, which is the basis of big data analysis, is learned using data mining tools. Data mining techniques enable large-capacity data summarization, future prediction, identification of relationships and patterns, and modeling through rule search. Specifically, methodologies such as logistic regression analysis, decision tree, artificial neural network, clustering, SVM, association rules, and sequential patterns are learned and applied to management practice projects.
		데이터마이닝이론및실제	
85	MGMT7170	Research Design Methodology	This lecture aims to carefully examine the considerations that must be reflected in social science research that complies with scientific rigor from the perspective of social science philosophy. From establishing research questions and hypotheses that contribute academically, we want to provide a fundamental understanding of scientific rigor to students who want to design and conduct research independently within the field of business administration by discussing a series of processes that implement research. To this end, this lecture focuses on the meta-knowledge of the basis of scientific research methodology, which encompasses each different investigation methodology, rather than dealing with the theory of statistical analysis based on model estimation, which is a part of research.
		연구설계방법론	
86	MGMT7178	Seminar for Financial Policy	It focuses on financial policies related to public and private pensions and raises expert knowledge on changes and development in financial markets based on macroeconomic systems through discussions on major mid- to long-term financial policies (including pension policies). Pension policy is an area that develops in close connection with long-term financial policy and government welfare policy and aims to provide an understanding of the overall financial policy.
		금융정책세미나	
87	MGMT7179	Special Topics in Marketing	This course provides an opportunity for a graduate student to comprehensively study recent and classical marketing literature. It covers both theoretical and empirical research and discusses recent marketing topics.
		마케팅특수연구	
88	MGMT7180	Seminar in Marketing Research	This course provides an opportunity for a graduate student to comprehensively study recent and classical marketing literature. It covers both theoretical and empirical research and discusses recent marketing topics.
		마케팅조사세미나	
89	MGMT7181	Marketing Analytics	This course introduces students to the fundamentals of data-driven marketing, including topics of marketing research and analytics. It examines many different sources of data available to marketers, including data from customer transactions, surveys, pricing, advertising, and A/B testing, and how to use those data to guide decision-making. Through real-world applications from various industries, including hands-on analyses using modern data analysis tools, students will learn how to formulate marketing problems as testable hypotheses, systematically gather data, and apply statistical tools to yield actionable marketing insights.
		마케팅애널리틱스	
90	MGMT7182	Leadership System Seminar	In this seminar, the students will 1) comprehend “leadership” from the system perspective, 2) acquire a knowledge of classical and modern leadership theory/methodology, and 3) learn how to examine various academic/practical leadership phenomena pervaded in organizations.
		리더십시스템세미나	
91	MGMT7183	Research Data Management	This course focuses on the process of managing and preparing data. To conduct research successfully, a considerable amount of time and effort is spent at this stage. Therefore, in this course, students will learn how to understand different types of data structures, how to inspect and clean data, how to merge data from multiple sources, how to reorganize and transform data for analysis, and how to effectively summarize and visualize data. To achieve this, students will use a widely used software package (SAS) for data management and analysis, and they will also have the opportunity to practice data management using
		연구데이터관리	

			publicly available datasets. Additionally, this course also includes an introduction to how to manage data using R.
92	MGMT7184	Empirical Studies in Finance 재무실증연구	The course provides fundamental methods of empirical studies in finance and deals with related literature. Students are expected to learn how to apply various empirical methods to research in corporate finance, capital markets, and financial assets.