Credit Requirements for the Master of Entrepreneurship and Innovation Program
(For Coursework in the Master's Program)

Coursework in the Master's Program

Please make sure to check the common credit requirements separately.

▣ **Graduation credit requirements:** Completion of a total of 33 or more credits (GPA: 2.5/4.3 or above)

Degree program	Mandatory general courses	Curriculum			Research credits	Total credits to be completed
		Mandatory major courses	Electives	Departmental major courses		
Professional master's program	3 or more credits	4 credits	12 or more credits	12 or more credits	2 or more credits	33 or more credits

▣ **Mandatory general courses:** 3 credits (including 0-credit courses)
    ○ Completion of CC533 "Entrepreneurial Leadership" (3 credits)
    ○ Completion of CC020 "Ethics and Safety I"
    ○ Completion of CC010 "Special Lecture on Leadership" (0 credit)

▣ **Mandatory major courses:** Completion of a total of 4 credits
    ○ Completion of KEI501 "Advanced Multidisciplinary Capstone Design"

▣ **Elective courses:** Completion of a total of 12 or more credits
    ○ Completion of courses offered by K-School (course code: KEI)

▣ **Credit requirements per department:**
    ○ Completion of 12 or more credits out of the relevant major courses (please see the Annex)

▣ **Research courses:** Completion of a total of 2 or more credits
    ○ Completion of course including KEI998 "Startup Onsite Practicum"

▣ **Transitional Measures:**
    ○ The course requirements above take effect from the Spring semester of 2019. However, it may be applied to students who have enrolled in year 2018 or before on request.
    ○ Credit requirements for both the Division of Future Vehicles and the School of Business and Technology Management are to apply from spring semester 2017.

<2016-6th Course Committee>

○ Changes to the credit requirements for the Graduate School of Knowledge Service Engineering are to apply from spring semester 2017. <2016-7th Course Committee>

○ Changes to the credit requirements for the School of Business and Technology Management are to apply from autumn semester 2017. <2017-1st Course Committee>

○ Credit requirements for the Graduate School of Culture Technology are to apply from autumn semester 2017. <2017-1st Course Committee>

○ Credit requirements for the Cho Chun Shik Graduate School for Green Transportation are to apply from the autumn 2018 semester. <2018-2nd Course Committee>

○ Changes to the credit requirements for the Department of Chemistry are to apply to students entering KAIST in 2019 and thereafter. <2019-3rd Course Committee>

○ Credit requirements for the Department of Bio and Brain Engineering are to apply from spring semester 2020. <2019-6th Course Committee>

○ Credit requirements for the Graduate School of AI are to apply from autumn semester 2020. <2020-4th Course Committee>

\<Credit Requirements per Department\>

Department (School)/program	Major credits	Details
Department of Physics	12	○ Master's and doctorate courses starting with PH (including courses mutually recognized for undergraduate and graduate programs)
Department of Mathematical Sciences	12	○ Including 6 credits from MAS500 level or above
Department of Chemistry	12	■ Students admitted in 2018 or before ○ Essential elective courses: 9 credits (CH500 level from two or more sub-fields) ○ General elective courses: 3 credits ■ Students admitted in 2019 and thereafter ○ Essential elective courses: 9 credits (CH400, CH500, CH600 levels from two or more sub-fields) ○ General elective courses: 3 credits
Department of Biological Sciences	12	○ Including two courses from BS400 level or above
Department of Mechanical Engineering	12	○ Master's and doctorate courses starting with ME (including courses mutually recognized for undergraduate and graduate programs)
Department of Aerospace Engineering	12	○ Master's and doctorate courses starting with AE (including courses mutually recognized for undergraduate and graduate programs)
School of Electrical Engineering	12	○ Including three or more courses from EE500 level or above
- Division of Future Vehicle	12	○ Including 9 credits from master's and doctorate courses starting with PD
School of Computing	12	■ Courses of CS500 level or above ○ Essential elective courses: 6 credits (Take at least one course from each of the two fields among the following three areas: ①Theory, ②Software, ③Computer Systems) ※ Courses in each of the three areas are same as essential elective courses for Master's program of CS ○ General elective courses: 6 credits
Department of Civil and Environmental Engineering	12	○ Master's and doctorate courses starting with CE (including courses mutually recognized for undergraduate and graduate programs)
Department of Bio and Brain Engineering	12	○ Master's and doctorate courses starting with BiS (including courses mutually recognized for undergraduate and graduate programs)
Department of Industrial and Systems Engineering	12	○ Including 9 credits from IE/KSE500 level or above
- Graduate School of Knowledge Service Engineering	12	○ Master's and doctorate courses starting with KSE or IE (including courses mutually recognized for undergraduate and graduate programs)
Department of Chemical and Biomolecular Engineering	12	○ Master's and doctorate courses starting with CBE (including courses mutually recognized for undergraduate and graduate programs), including two courses of CBE601 Research Methodology for Chemical and CBE602 Problem Solving in Chemical & Biomolecular Engineering
Department of Materials Science and Engineering	12	○ Master's and doctorate courses starting with MS (including courses mutually recognized for undergraduate and graduate programs)
Department of Nuclear and Quantum Engineering	12	○ Master's and doctorate courses starting with NQE (including courses mutually recognized for undergraduate and graduate programs)
Graduate School of Culture Technology	12	○ 9 credits or more from master's and doctorate courses starting with GCT, up to 3 credits from CTP400 level recognized
School of Business and Technology Management	12	○ Mandatory elective courses: MSB510 "Innovation Management and Strategy" (3 credits) ○ General elective courses: Courses of MSB500 level or above(9credits)
Cho Chun Shik Graduate School for Green Transportation	12	○ Master's and doctorate courses starting with GT (including courses mutually recognized for undergraduate and graduate programs)
Graduate School of AI	12	○ Courses of AI500 level or above