

IEPP Curriculum (Newcomers of 2022 Fall)

[Master Program]

Total 39 Credits	Degree Engineering (Technology Management, Economics and Policy)
Compulsory (4 12credits)	<p>Introduction to Technology Management, Economics and Policy (463.501) (spring/fall)</p> <p>Methodologies for Technology Management, Economics and Policy (463.502) (spring/ fall)</p> <p>Seminar on Industrial Technology (Energy Technology) (last semester)</p> <p>(methodology: choose one from the below)</p> <p>Managerial Statistics (463.504) (spring)</p> <p>Econometric Analysis of Technology Management (463.505) (fall)</p> <p>Decision Analysis for TEMEP(M1592.000500) (2023fall) (not determined)</p>
Energy & Resource Policy Core (5 15 credits)	<p>Industrial Energy and Environmental Strategy (M1592.000600) (Benefit Cost analysis and Business Model) (Fall)</p> <p>Analysis of Energy Industry (463.530A) (Energy & Resource Economics) (fall)</p> <p>Analysis of Energy Industry (463.530A) (Analysis of Korean Economy) (spring)</p> <p>Industrial Energy and Environmental Strategy (M1592.000600) (International cooperation of new energy) (spring)</p> <p>“One of followings”</p> <p>Analysis on Energy Business and Policy (463.531) (Fall)</p> <p>Case Studies in Industrial Policy and Management (463.548) (Fall)</p>
Selective (12 credits)	<p>Courses in TEMEP, Engineering Departments, Economic Dept, Business School or School of Public Administration or Integrated Major in Smart City Global Convergence</p> <p>Or '(graduate) Core Subject for Liberal Education (less than 3 credits)'</p> <p>Dissertation Research</p>

Note) 'Dissertation Research': just one time registration is counted

[PhD Program]

Total 45 Credits	Degree
	Engineering (Technology Management, Economics and Policy)
Compulsory (4 12 credits)	<p>Introduction to Technology Management, Economics and Policy (463.501) (fall) Methodologies for Technology Management, Economics and Policy(463.502) (fall) Seminar on Industrial Technology (Energy Technology) (last semester)</p> <p align="center">(methodology: choose one from the below)</p> <p align="center">Managerial Statistics (463.504) (spring) Econometric Analysis of Technology Management (463.505) (fall) Decision Analysis for TEMEP(M1592.000500) (2023 fall) (not determined)</p>
Energy & Resource Policy Core (5 15 credits)	<p align="center">Industrial Energy and Environmental Strategy (M1592.000600) (Benefit Cost analysis and Business Model) (Fall)</p> <p align="center">Analysis of Energy Industry (463.530A) (Energy & Resource Economics) (fall)</p> <p align="center">Analysis of Energy Industry (463.530A) (Analysis of Korean Economy) (spring)</p> <p align="center">Industrial Energy and Environmental Strategy (M1592.000600) (International cooperation of new energy) (spring)</p> <p align="center">"One of followings"</p> <p align="center">Analysis on Energy Business and Policy (463.531) (Fall) Case Studies in Industrial Policy and Management (463.548) (Fall)</p>
Selective (18 credits)	<p align="center">Courses in TEMEP, Engineering Departments, Economic Dept, Business School or School of Public Administration or Integrated Major in Smart City Global Convergence Or '(graduate) Core Subject for Liberal Education (less than 3 credits)' Dissertation Research</p>

Note) 'Dissertation Research': two-time registrations can be counted

[Graduation]

1. Completion of Courses

- A. Credits
 - i. Master: 39 credits
 - ii. Ph D: 45 credits

- B. GPA
 - i. 3.5 and higher
- C. 2 time presentations in TEMEP Workshop
- D. Approval of Curriculum Committee (Screening)
- E. IEPP events (including 'Invited Speeches', 'TEMEP workshop', 'field activity', Korean culture events and etc; all event will be announced) **(More than 80% Attendances)**
- F. **Completion of Korean Class (more than level 3)**

2. Qualification Exam*

- A. Registration of 2 semesters and more 18 credits
- B. Subjects of the exam
 - i. **Master (3 in total)**
Select 1 from 'Methodology' category or
Methodologies for Technology Management, Economics and Policy (463.502)
+ 2 from "Energy & Resource Policy Core"

 - ii. **PhD (4 in total)**
Select 1 from 'Methodology' category
Methodologies for Technology Management, Economics and Policy (463.502)
+ 3 from "Energy & Resource Policy Core"

- C. Exemption of the subjects (courses)
 - i. If grade of the course is A+

Note)

* **International students** should **pass "language qualifying exam" as well**. Students should check their status on that

3. Graduation

Qualification

- i. Pass of Qualifying exam
- ii. Completion of Courses
- iii. Pass of dissertation (thesis) defense