

## IEPP Curriculum (Newcomers of 2021)

### [Master Program]

Total 13/ 39 Credits	Degree
	Engineering (Technology Management, Economics and Policy)
Compulsory (3)	Introduction to Technology Management, Economics and Policy (463.501) (fall) Methodologies for Technology Management, Economics and Policy (463.502) (fall)  (methodology: choose one from the below) Theory and Practice of technology innovation (463.519) (spring) Managerial Statistics (463.504) (spring)
Energy & Resource Policy Core (5)	Industrial Energy and Environmental Strategy (M1592.000600) (Benefit Cost analysis and Business Model) (Fall) Analysis of Energy Industry (463.530A) (Energy & Resource Economics) (fall) Analysis of Energy Industry (463.530A) (Analysis of Korean Economy) (spring) Industrial Energy and Environmental Strategy (M1592.000600) (International cooperation of new energy) (spring) Analysis on Energy Business and Policy (463.531) (Fall)
Selective (5)	Courses in TEMEP, Engineering Departments, Economic Dept., Business School or School of Public Administration Dissertation Research

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

**[PhD Program]**

<b>Total 15 / 45 Credits</b>	Degree
	Engineering (Technology Management, Economics and Policy)
Compulsory (3)	<p align="center">Introduction to Technology Management, Economics and Policy (463.501) (fall)                      Methodologies for Technology Management, Economics and Policy(463.502) (fall)</p> <p align="center">(methodology: choose one from the below)                      Theory and Practice of technology innovation (463.519) (spring)                      Managerial Statistics (463.504) (spring)</p>
Energy & Resource Policy Core (5)	<p align="center">Industrial Energy and Environmental Strategy (M1592.000600)                      (Benefit Cost analysis and Business Model) (Fall)                      Analysis of Energy Industry (463.530A) (Energy &amp; Resource Economics)                      (fall)                      Analysis of Energy Industry (463.530A) (Analysis of Korean Economy)                      (spring)                      Industrial Energy and Environmental Strategy (M1592.000600)                      (International cooperation of new energy) (spring)                      Analysis on Energy Business and Policy (463.531) (Fall)</p>
Selective (7)	<p align="center">Courses in TEMEP, Engineering Departments, Economic Dept, Business School or                      School of Public Administration                      Dissertation Research</p>

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

# [Graduation]

## 1. Completion of Courses

- A. Credits
  - i. Master: 39 credits
  - ii. PhD: 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  
+ 2 from  
(Analysis of Energy Industry (463.530A) (001) (Korean Economy)  
+ Analysis of Energy Industry (463.530A) (002) (Energy & Resource Economics))
  - ii. PhD **(4 in total)**  
Select 1 from 'Methodology' category  
+ 3 from  
(Analysis of Energy Industry (463.530A) (001) (Korean Economy)  
+ Analysis of Energy Industry (463.530A) (002) (Energy & Resource Economics)  
+ 1 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