

## Cooperative Telecommunication Education Program Course Requirements (M.S. Degree)

### Thesis Master's Degree

■ **Graduation Credits** : at least 33 credits

■ **Mandatory General Course** : 3 credits and 1AU

■ **Interdisciplinary Mandatory Major Courses** : 3 credits

■ **Interdisciplinary Elective Major Courses** : At least 12credits

- Every student must select at least 4 courses among the designated elective major courses, including at least 2 courses among the following courses:

TE503 (Telecommunication Management), TE504 (Telecommunication Networks), TE628 (Internet Server), TE630 (Internet communication), and CS642 (Distributed Processing Systems).

■ **Mandatory / Elective Major Courses in the Related Departments** : at least 6 credits

- Every student must satisfy the mandatory / elective major courses of his / her own department. If there are elective major courses which the related departments designate, students must take those course. The remainder of the credits must be taken within the mandatory / elective major which the interdisciplinary program provides or mandatory / elective major in the related departments

■ **Research** : At least 9 credits

- Every student must have at least 9 credits in thesis, individual research, seminar, and thesis seminar.

※ Course requirements of related departments as well as interdisciplinary one should be satisfied.

### Non-thesis Master's Degree

The same as top

□ **Measures for Changes**

- This requirement is applies to all undergraduate from 1th. Feb. 2009.

- The integrated M.S. and Ph.D. degree program students should follow the Ph.D. course requirements after they officially become Ph.D. students.

- Students who need to graduate only with this interdisciplinary program (not with the related department) may take mandatory / elective major courses or mandatory / elective major courses (in related departments) instead of mandatory major courses (in related departments).

- For the students who apply for “Telecommunication Engineering Interdisciplinary Program” since year 2010 can take any TE course not only TE523 to comply with mandatory course requirement.

## **Cooperative Telecommunication Education Program Course Requirements (Ph.D. Degree)**

■ **Graduation Credits** : at least 63 credits

■ **Mandatory General Course** : 3 credits and 1AU

- It is the same as for the MS course. (If the student has already taken this course during his MS program, then it does not have to be taken again.)

■ **Interdisciplinary Mandatory Major Courses** : 3 credits

■ **Interdisciplinary Elective Major Courses** : At least 18 credits

- In addition to the courses taken in the MS program, every student must take at least 6 courses which the interdisciplinary program provides, including the following courses : TE503 (Telecommunication Management), TE504 (Telecommunication Networks) (recommended to take during MS course), and at least 1 course from the following courses: TE628 (Internet server), TE630 (Internet communication), and CS642 (Distributed Processing Systems).

■ **Mandatory / Elective Major Courses in the Related Departments** : at least 9 credits

- Including the courses taken in the MS program, every student must satisfy the mandatory / elective major courses of his/her own department. If there are elective major courses which the related departments designate, students must take those course. The remainder of the credits must be taken within the mandatory / elective major that the interdisciplinary program provides or mandatory / elective major in the related departments.

■ **Research** : at least 30 credits

Students must have at least 30 credits in dissertation, individual research, seminar, etc. (Research courses may be substituted by ones in their department)

□ **Measures for Changes**

- This requirement is applies to all undergraduate from 1th. Feb. 2009.
- The integrated M.S. and Ph.D. degree program students should follow the Ph.D. course requirements after they officially become Ph.D. students.
- Students who need to graduate only with this interdisciplinary program (not with the related department) may take mandatory / elective major courses or mandatory / elective major courses (in related departments) instead of mandatory major courses (in related departments).
- For the students who apply for “Telecommunication Engineering Interdisciplinary Program” since year 2010 can take any TE course not only TE523 to comply with mandatory course requirement.