

Telecommunication Engineering 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.

Telecommunication Engineering 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.