



Minor in Information and Telecommunication Systems

The ITS Minor is for any student whose career preparation will benefit from a systematic grounding in telecom networking. Today, communication is increasingly mediated by electronic networks, especially computer-based networks.

Modern business practices are grounded in computer data networks and telephone voice networks. Graduates who are comfortable with and knowledgeable of networking practices will have a competitive advantage over those who do not.

The ITS minor is open to all students in good standing. To declare an ITS minor, simply go to the student affairs office of your home college (for example the Scripps College of Communication or Arts and Sciences) and ask to declare minor code OR5329.

Required ITS Courses (10 semester hours):

- ITS 2140 – Introduction to Information and Telecommunication Systems *Credit Hours: 3*
- ITS 2300 – Data Networking *Credit Hours: 4*
- ITS 4020 - Strategic Decision Making in Information and Telecommunication Industries *Credit Hours: 3*

Plus, select 3 courses from this list, including at least two above 3000 (9 semester hours):

- ITS 1010 - Consumer Issues in Telecommunication *Credit Hours: 3*
- ITS 2010 - Understanding Internet Technology *Credit Hours: 3*
- (Note: only one of the above courses can be counted toward the minor)
- ITS 3019 – Information and Telecommunications Policy I *Credit Hours: 3*
- ITS 3021 - Information and Telecommunications Policy II *Credit Hours: 3*
- ITS 3100 – Internet Applications and Network Systems *Credit Hours: 4*
- ITS 3900 – Topical Seminar *Credit Hours: 3*
- ITS 4050 - Competition and Market Structure in Telecommunications Industries *Credit Hours: 3*
- ITS 4110 - Pricing of Telecommunications Services *Credit Hours: 3*
- ITS 4290 - Communication Network Analysis and Design *Credit Hours: 3*
- ITS 4310 - Privacy in the Internet Age *Credit Hours: 3*
- ITS 4370 - Wireless Telecommunications *Credit Hours: 3*
- ITS 4510 - Telecommunication Network Security *Credit Hours: 3*
- ITS 4530 – Encrypted Communication *Credit Hours: 3*
- ITS 4750 – Internet Engineering *Credit Hours: 4*
- ITS 4900 – Topical Seminar *Credit Hours: 3*

Note: non-ITS prerequisite classes may be required.