



Curriculum Check Sheet – Semester Version

Your most important academic resource is your advisor! See him/her regularly. The *Undergraduate Catalog* is the final authority for degree requirements. This check sheet is intended to be a quick aid, not a complete guide.

ITS Course Requirements

You must complete the following 4 courses with a grade of C or better:

- ITS 2140 Introduction to Information and Telecommunication Systems (3 semester hours)
Prerequisite: None
 - ITS 2300 Data Communications w. Lab (4)
Prerequisite: None
 - ITS 3100 Internet Applications and Networking Systems w. Lab (4)
Prerequisite: C or Better in (2140 and 2300)
 - ITS 3020 Fundamentals of Common Carrier Regulation (3)
Prerequisites: (C or Better in 2140) and ECON 1030
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You must complete the following 3 courses.

- ITS 3110 Network Transport, Optical Networking w. Lab (4 semester hours)
Prerequisite: 3100
 - ITS 3021 Applications of Common Carrier Regulation (3)
Prerequisite: C or Better in 3020 and ITS Major
 - ITS 4440 Lifecycle Management of Telecom Systems (3)
Prerequisite: 3110 and 3021
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Select 3 courses [at least 9 semester hours] from the following list of elective courses.

- ITS 3790 Geographic Information Systems (3 semester hours)
Prerequisite: 2140
- ITS 4050 Market Structure (3)
Prerequisite: 2021
- ITS 4070 International Communication Networks (3)
Prerequisite: C or Better in 3020
- ITS 4110 Pricing of Telecommunication Services (3)
Prerequisite: 3020
- ITS 4290 Comm Network Analysis and Design (3)
Prerequisite: 3110 and PSY 2110
- ITS 4310 Privacy in the Information Age (3)
Prerequisite: JR or SR
- ITS 4370 Wireless Networking (3)
Prerequisite: C or Better in 2300
- ITS 4410 Voice over IP Systems (3)
Prerequisite: C or Better in 3100
- ITS 4510 Telecom Network Security (3)
Prerequisite: C or Better in 3100
- ITS 4530 Encrypted Communication (3)
Prerequisite: 2300
- ITS 4750 Internet Engineering (4)
Prerequisite: 3100, No credit if CS 4750
- ITS 4900 Topical Seminar (1-3)
Prerequisite: 3020 and 3100

These optional courses are not required and do not count as electives. See your advisor.

- ITS 1010 Consumer Issues (3 semester hours)
 - ITS 2010 Understanding Internet Technology (3)
 - ITS 4910 Internship in Communication (1-12 semester hours)
Prerequisite: Permission
 - ITS 4920 Practicum (1-3)
Prerequisite: Permission
 - ITS 4930 Special Studies (1-3)
Prerequisite: Permission
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General Requirements

You must complete these 12 courses. You can choose among several programming courses. See your advisor.

- ACCT 1010 Foundations of Accounting (3)
Prerequisite: Math Placement level 1 or higher
- ACCT 1020 Managerial Accounting (3)
Prerequisite: ACCT 1010 & ECON 1030
- BUSL 2000 Law and Society (3)
Prerequisite: SOPH OR JR OR SR & NOT COB, No Credit if taken after BUSL 2550
- ECON 1030 Principles of Microeconomics (3) (Tier 2: 2SS)
Prerequisite: Math placement level 2 or higher or permission.
- ECON 1040 Principles of Macroeconomics (3) (Tier 2: 2SS)
Prerequisite: Math placement level 2 or higher or permission.
- MGT 2000 Introduction to Management (3)
Prerequisite: SOPH OR JR OR SR, Not COB, No Credit if taken after MGT 2100.
- MKT 2020 Marketing Principles (3)
Prerequisite: NOT COB, No Credit if taken after MKT 2400.
- PSY 2110 Statistics for the Behavioral Sciences (4) (Tier I Quantitative Skills: 1M)
Prerequisite: Math Placement level 2 or higher or MATH 1200 or 1300 or 2301 & (NOT MATH 2500 or QBA 2010 or ECON 3810 or COMS 3520)
- FIN 2020 Foundations of Financial Management (3)
Prerequisite: ACCT 1010 & NOT COB & NOT 3100. No Credit if taken after FIN 2400.
- COMS 1030 Fundamentals of Public Speaking (3)
Prerequisite: None
- MIS 2021 Business Information Systems Nonmajor (3)
Prerequisite: Not COB, No credit if MIS 2020
- Computer Programming
See your advisor for choices, which include CS 2300, CS2400, and others.

Area of Concentration

The area of concentration gives you a chance to identify an area which will help you prepare for your specific individual career goals. The area of concentration cannot be a random mix of courses; it should be a group of courses, usually from one or two departments, which contribute to a telecom career. Examples of areas of concentration include Computer Science, Management, Communication Studies, International Studies, Political Science, Economics, Marketing, Foreign Languages, and many other possibilities.

You should begin discussing your choices with your advisor as soon as possible. By the time you have attained junior rank and have completed ITS 2140, you should have identified your four course area of concentration.

Please note: Courses identified as part of the area of concentration cannot be used to fulfill any other requirements for the ITS curriculum.

Check in the school office for the Declaration of Area of Concentration form which must be completed and filed in the school office. The Declaration form also has samples of areas that have worked for others.