Telecommunication, Information Studies & Media Requirements

A) University Requirements
B) Non-Departmental Requirements
C) Telecommunication Courses/Emphasis
D) Cognate

A) University Requirements (check with your Advisor for your specific requirements)

B) Non-Departmental Requirements

1. University Math Requirement (MTH 106, 110, 114, 116, 124, or STT 200 or 201)
   *If you want ITM: MTH 103 and MTH 114 or 116 or higher are the requirement.*
2. EC 201
3. CSE 101 or 131 or 231

C) Telecommunication Courses (30-50 cr.)

REQUIRED CORE (a 2.0 cum gpa required among all core courses)
- TC 100 (3) The Information Society
- TC 200 (4) History and Economics of TC
- TC 201 (4) Intro to TC Technology
- TC 240 (3) Intro to DMAT
- TC 310 (4) Basic TC Policy

Emphasis Area: ITM, DMAT, or General

Capstone (W) Tier II Writing Course (One course is required)

D) Cognate

Choose between Business, Fine Arts, Social Science, or Biological/Physical Science. A minimum of 6 courses make up the Cognate, of which 3 different departments must be represented, and 4 courses must be at the 3-400 level. A minimum of 18 credits must be completed.

DMAT Emphasis

Emphasis (12 Credits)
(Students should, but are not required, to take all 3 courses)
- TC 342 – Basic Video Design and Production (4)
- TC 343 – Basic Audio Production (4)
- TC 346 – Basic Interactive Media Design (4)

Electives (up to 16 credits)
- TC 448 – Special Topics in DMAT (variable)
- TC 493 – Internship (variable) *recommended
Any other TC courses

Capstone (at least 1 of the following)
- TC 442 – Advanced Video and Design Production (4) W
- TC 443 – Audio Industry Design and Management (4) W
- TC 445 – Game Design (4) W
- TC 446 – Advanced Interactive Media Design (4) W
- TC 447 – 3D Graphics and Simulation (4) W

ITM Emphasis

Emphasis (6 Credits)
- TC 361 – Data Communications (3)
- TC 463 – Network Design and Implementation I (3)

Electives (maximum 23 credits)
- TC 410 – Advanced Telecom Policy (3)
- TC 456 – Multichannel and Broadband Telecom (4) W
- TC 462a – Wireless Networks and Applications (3)
- TC 462b – Teleconferencing and Computer Supported Cooperative Work (3)
- TC 462c – Intro. To Electronic Commerce (3)
- TC 464 – Network Security (3)
- TC 477 – Global Media (4) W
- TC 493 – Internship (varies) *recommended
Any other TC course

Capstone (at least 1 of the following)
- TC 452 – Telecommunication and Information Industries (4) W
- TC 458 – Telecommunication Management (3) W
- TC 465 – Network Design and Implement II (3) W

All TC course descriptions can be found on the web at:
http://ntweb1.ais.msu.edu/j4100/scripts/CatalogSearch.asp