

**TELECOMMUNICATIONS & INFORMATION MANAGEMENT (TIM)
MAJOR
Minimum 36 hours
Non-teaching major**

1. Pre-Communication Requirements	6 hours
COM 2000: Introduction to Communication Theory	3
COM 2400: Introduction to Media and Telecommunications	3

2. Telecommunications & Information Management Core Requirements 21 hours

Each TIM major shall take the 7 courses listed below:

CIS 3260*: Networking and Data Communications	3
<i>Prerequisite: "C" or better in CIS 2600</i>	
CIS 3600*: Systems Analysis and Design	3
<i>Prerequisite: "C" or better in CIS 2600</i>	
CIS 3660: Information Assurance and Compliance	3
<i>Prerequisite: "C" or better in BUS 2700</i>	
CIS 4600* Business Database Application	3
<i>Prerequisite: "C" or better in CIS 3600</i>	
**COM 4480: Telecommunications Management	3
<i>Prerequisites: "C" or better in COM 2000 & COM 2400</i>	
***COM 5410: Telecommunications Law and Policy	3
<i>Prerequisites: "C" or better in COM 2000 & COM 2400</i>	
COM 5540: Communication Technology	3
<i>Prerequisites: "C" or better in COM 2000 & COM 2400</i>	

3. Telecommunications & Information Management Communication Electives 9 hours

Each TIM major shall select at least 3 of the following courses:

CIS 2600: Business Programming A	3
<i>Prerequisite: "C" or better in CIS 1020/1100 or equivalent</i>	
CIS 2640: Business Reporting	3
<i>Prerequisite: "C" or better in CIS 1020/1100 or equivalent</i>	
CIS 2800: Internet Programming	3
<i>Prerequisite: "C" or better in CIS 1020/1100 or equivalent</i>	
CIS 3620: Information Technology Project Management	3
<i>Prerequisite: BUS 2700</i>	
CIS 3900: Business Web Architecture	3
<i>Prerequisite: Admitted to TIM major</i>	
CIS 4100: Internship	3
<i>Prerequisite: CIS department approval</i>	
*CIS 4640: Business Data Mining	3
<i>Prerequisite: "C" or better in CIS 4600</i>	
CIS 4700: e-Portal Development	3
<i>Prerequisite: CIS 3900</i>	
CIS 4900: e-Commerce Development	3
<i>Prerequisites: CIS 3900 & co-req CIS 4700</i>	

CIS 4950: Web Administration	3
<i>Prerequisites: CIS 3900 & CIS 4600</i>	
CIS 4990*: Enterprise Project	3
<i>Prerequisite: "C" or better in CIS 4600</i>	
CIS 5550: Topics in CIS	3
<i>Prerequisite: Consent of instructor</i>	
COM 3540: Web Design Basics	3
<i>Prerequisite: "C" or better in CIS 1020/1100 or equivalent</i>	
COM 4550: International Telecommunications Policy	3
<i>Prerequisites: COM 2400</i>	
COM 4990: Communication Internship	3
<i>Prerequisite: "C" or better in COM 4480 or COM 5410.</i>	
COM 5640: Telecommunications Networks	3
<i>Prerequisite: "C" or better in COM 2400</i>	
GEOG 5010*: Introduction to Geographic Information Systems	4
<i>Prerequisites: Department computer literacy requirement plus 14 credits of Geography</i>	
GEOG 5690*: Intermediate Geographic Information Systems.....	4
<i>Prerequisite: GEOG 5010</i>	

- All course prerequisites must be met to enroll in upper-level courses. A course and its prerequisite cannot be taken at the same time.
- Grade requirement: A minimum grade of "C" is required in all courses to be applied toward the major.
- The School prohibits students from taking a class more than twice for credit. .
- Baccalaureate-level writing requirement must be met by taking one of the courses marked with a double asterisk. (**)
- ***In the event of scheduling conflicts, COM 4550 can be substituted for COM 5410.