

Required Information Technology Courses

10 Units

		Units	Offered
_____ CIS 211	Fundamentals of Information Systems	3	Fall, Spring & Summer
_____ CIS 377	Introduction to Cybersecurity	3	Fall, Spring & Summer
_____ COSC 236	Intro to Computer Science I	4	Fall, Spring & Summer

Foundational Information Technology Courses

6 Units

Select at least 2 of the following courses:

		Units	Offered
_____ ITEC 231	Fundamentals of Web Technologies	3	Fall & Spring
_____ ITEC 250	Fundamentals of Computer Networks	3	Fall & Spring
_____ ITEC 274	Fundamentals of System Management	3	Fall & Spring

Elective Information Technology Courses

9 Units

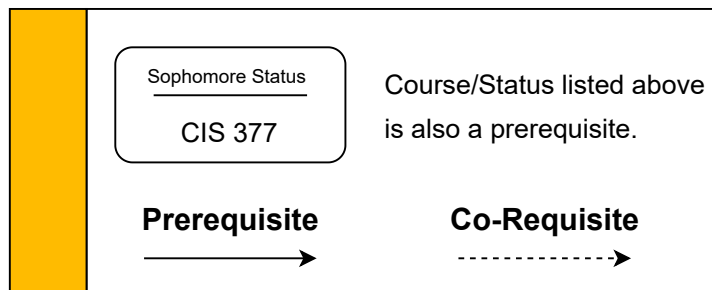
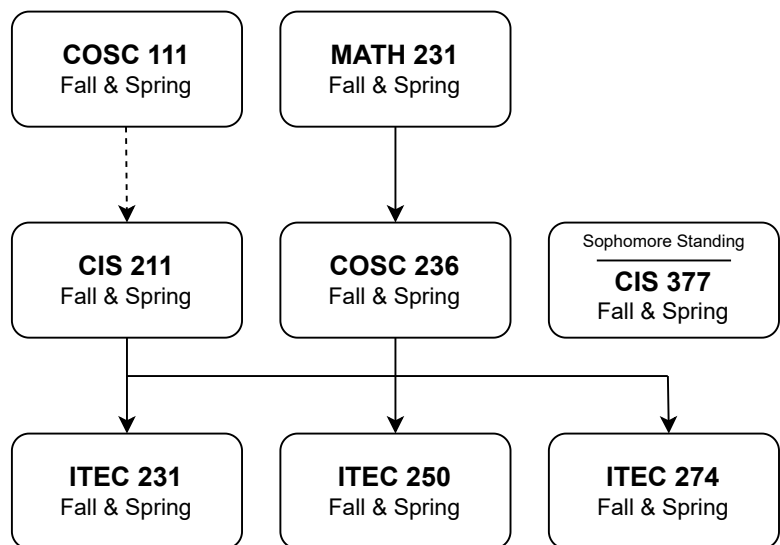
Select at least 3 of the following courses:

		Units	Offered
_____ CIS 435	Human-Computer Interaction	3	Fall & Spring
_____ CIS 440	System Development / E-Commerce	3	Fall
_____ CIS 445	Universal Usability	3	Spring
_____ ITEC 315	Data and Information Management	3	Fall & Spring
_____ ITEC 325	System Administration & Maintenance	3	Fall & Spring
_____ ITEC 336	Legal & Policy Issues in Info Technology	3	Fall & Spring
_____ ITEC 345	Scripting Languages	3	Fall & Spring
_____ ITEC 357	Network Security Practicum	3	Fall & Spring
_____ ITEC 397	Information Technology Internship	3	Fall, Spring & Summer
_____ ITEC 411	System Architecture & Integration	3	Fall & Spring
_____ ITEC 423	Emerging Internet Technologies	3	Fall, Spring & Summer
_____ ITEC 425	IT Enterprise Architecture	3	Occasionally
_____ ITEC 427	Cloud Computing	3	Fall & Spring
_____ ITEC 433	Cybersecurity Risk Management	3	Fall & Spring
_____ ITEC 437	Disaster Recovery	3	Fall & Spring
_____ ITEC 450	Advanced Computer Networking	3	Spring
_____ ITEC 451	Advanced Data Management	3	Fall
_____ ITEC 464	Web Development	3	Fall & Spring
_____ ITEC 470	Special Topics in Information Technology	3	Occasionally
_____ ITEC 495	Independent Study	3	Occasionally

Total Units: 25

Minor - Information Technology

Catalog Year 2019-2020 and Later



*Math prerequisite course must be completed before enrolling in COSC 236.

**COSC 236 requires MATH 231 or MATH 119.

Elective Prerequisites

CIS 435	CIS 379 or ITEC 411
CIS 440	CIS 379 or ITEC 411
CIS 445	CIS 379 or ITEC 411
ITEC 315	CIS 211 and COSC 236
ITEC 325	COSC 236 and ITEC 274
ITEC 336	CIS 211, Co-Req COSC 236
ITEC 345	COSC 236
ITEC 357	ITEC 250 and CIS 377
ITEC 397	IT 315 or IT 325 or IT 345, 2.75 GPA, IC
ITEC 411	ITEC 315, Co-Req ITEC 325

ITEC 423	ITEC 231
ITEC 425	ITEC 411
ITEC 427	ITEC 231
ITEC 433	ITEC 250 and CIS 377
ITEC 437	ITEC 325
ITEC 450	ITEC 250 and ITEC 325
ITEC 451	ITEC 315
ITEC 464	ITEC 231
ITEC 470	12 units of ITEC/COSC/CIS courses
ITEC 495	Senior standing in ITEC

Find more advising resources at:

<https://www.towson.edu/fcsm/departments/computerinfosci/resources/advising.html>

Visit the CIS Advising Hub in YR 207

Or Email: cisadvising@towson.edu