

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

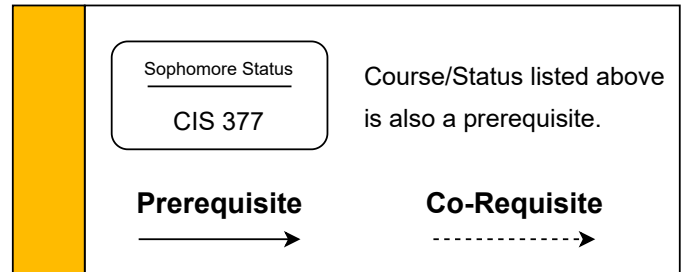
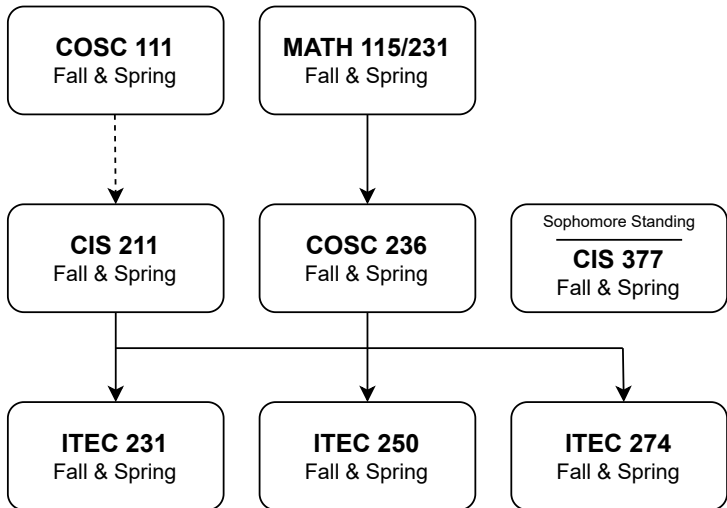
Select at least 3 of the following courses:

		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 2024-2025 and Later



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

**COSC 236 requires MATH 115 or MATH 231.

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