



Computer and Information Sciences

Major - Information Systems with a Track in Interface Design

Catalog Year 2019 - 2020 and Later

Required Information Systems Courses

35 Units

		Units
_____ CIS 211	Fund of Info Sys and Technology	3
_____ COSC 236	Intro to Computer Science I	4
_____ COSC 237	Intro to Computer Science II	4
_____ ITEC 231	Fund of Web Technologies	3
_____ CIS 239	Enterprise Sys and Architecture	3
_____ CIS 350	Telecommunications	3
_____ CIS 377	Information Systems Security	3
_____ CIS 379	Systems Analysis and Design	3
_____ CIS 435	Human Computer Interaction	3
_____ CIS 458	Org Database Management	3
_____ CIS 479	Software Project Management	3

Required Math Courses

9-10 Units

		Units
_____ MATH 263	Discrete Math	3
_____ MATH 273	Calculus I OR	4
_____ MATH 211	Calculus for Applications	3
_____ MATH 231	Basic Statistics	3

Required Core Courses

6 Units

		Units
_____ ENGL 317	Writing for Business (Core 9)	3
_____ COSC 418	Ethical Concerns (Core 14)	3

Required IS Interface Design Track Courses

15 Units

		Units
_____ ART 103	2D Process	3
_____ ART 217	Digital Concepts: Image/Surface	3
_____ CIS 334	Data Organization	3
_____ CIS 445	Universal Usability	3
_____ CIS 468	Data Mining and Visual Analytics	3

IS Capstone

3 Units

		Units
_____ CIS 475	Information Systems Capstone	3

Elective IS Courses

6 Units

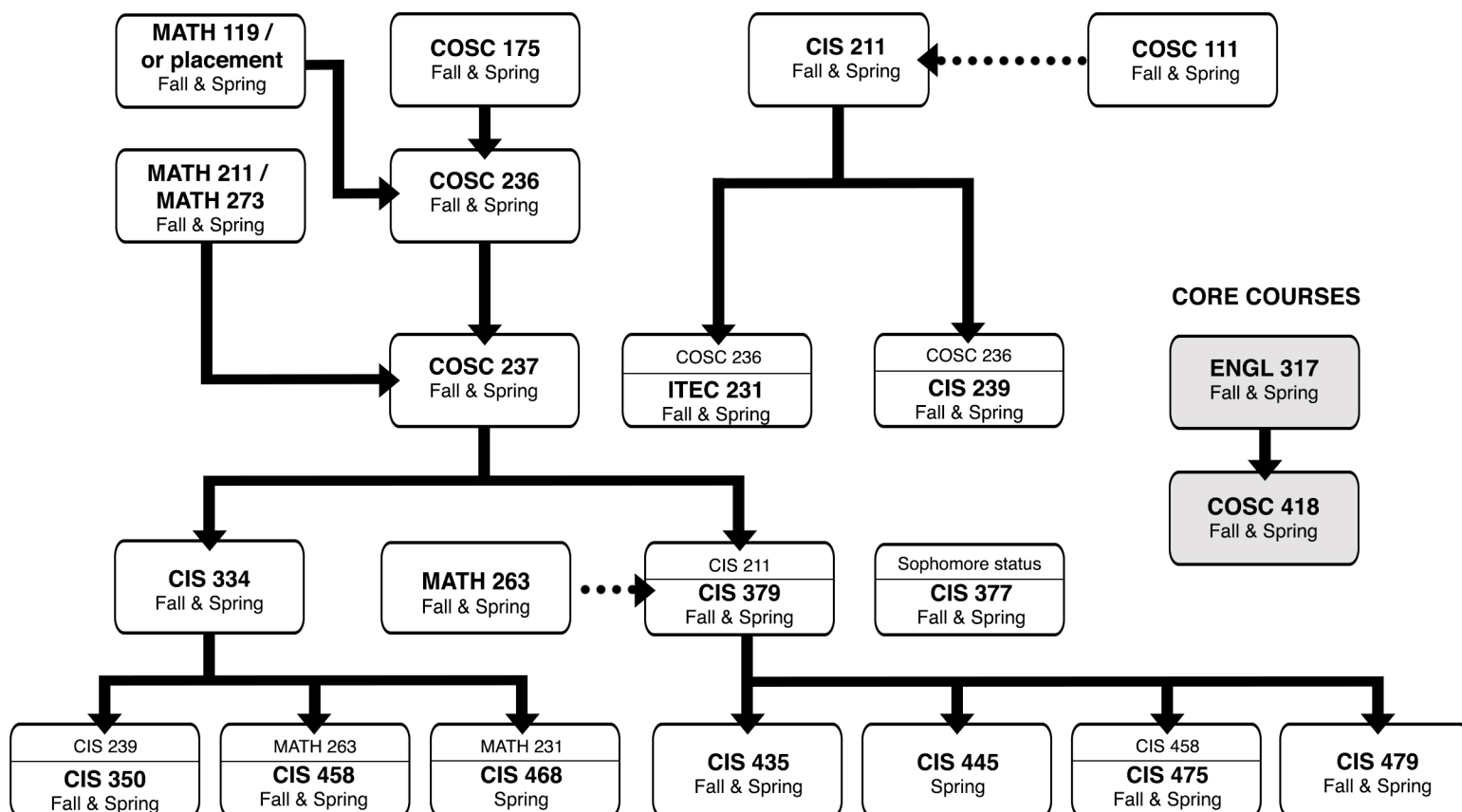
Select two courses from the following:

		Units
_____ DFST 101	Intro to Deaf Culture OR	3
_____ OCTH 211	Philosophy of Occp Therapy	3
_____ ART 365	Design for the WWW	3
_____ CIS 397	Internship in IS	3
_____ CIS 425	Decision Support Systems	3
_____ CIS 426	Gaming Interface Design	3
_____ CIS 433	Special Topics in IS	3
_____ CIS 436	E-Government	3
_____ CIS 495	Independent Study in IS	3

IS Major Total Units: 68-69

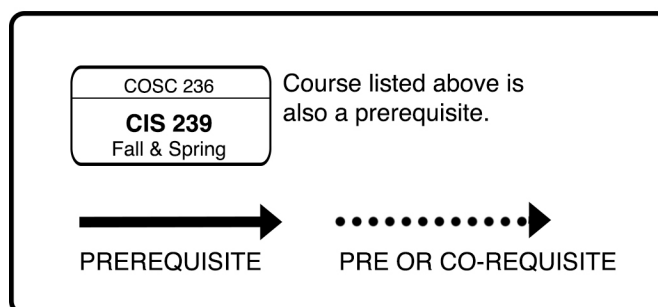
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Elective Prerequisites

DFST 101	Fall & Spring	No prerequisite
OCTH 211	Fall & Spring	No prerequisite
ART 365	Fall	ART 217
CIS 397	Fall & Spring	6 upper level IS units/Instructor Consent
CIS 425	Occasionally	CIS 379 and MATH 231
CIS 426	Fall	CIS 379 or ITEC 411
CIS 433	Occasionally	9 units of IS/Instructor Consent
CIS 436	Fall	CIS 379
CIS 495	Occasionally	Senior Standing/Instructor Consent



Find more advising resources on:

www.towson.edu/fcsm/departments/computerinfosci/resources/advising.html