

# Information Systems Major

## Transition Plan for Degree Plans prior to Fall 2016

If you need.....			Take.....		
Crs No	Crs Title	Credits	Crs No	Crs Title	Credits
CS 122	Introduction to Computer Science -or-	3	CS 123	Introduction to Information Systems	4
CS 123	Introduction to Information Systems -or-		CS 160	-or-	
CS 160	Survey of Computer Science			Survey of Computer Science	
Option 1	CS 161 Computer Science I - and -	10-12.	CS 13x	Programming Language	4
-or-	CS 162 Computer Science II		CS 161	-or-	
Option 2	CS 13x Prog Languages -and-	10-12.		Computer Science I	
	2 or more courses above CS 123			Prerequisites: Varies	
CS 340W	Ethics and Information Mgmt	3	CS 340W	Ethics and Information Mgmt	4
	Prerequisites: CS 160 and junior standing			Prerequisites: Passing grade in WR 135 and/or WR 122 and junior standing	
CS 350	Network Administration	3	IS 278	Networks	4
	Prerequisites: CS 160, MTH 111, MTH 231 (or concurrent) or MTH 251 (or concurrent)			Prerequisites: CS 13x or CS 161 (or concurrent)	
IS 270	Applied Operating Systems	3	IS 270	Operating Systems	4
	Prerequisites: CS 162			Prerequisites: CS 13x or CS 161 (or concurrent)	
IS 320	Data Structures	3	IS 240	Information Management I	4
	Prerequisite: CS 162			Prerequisites: CS 13x or CS 161 (or concurrent)	
IS 420	Intro to Database Systems	3	IS 340	Information Management II	4
IS 421	Database Administration	3		Prerequisites: IS 240, IS 270, IS 278, and MTH 243	
	Prerequisite: CS 420				
IS 425	Introduction to Project Mgmt	3	IS 470	Project Management	4
	Prerequisites: CS 350, CS 420			Prerequisites: IS 345, IS 355 and senior standing	
IS 430	IT Project Implementation	3	IS 475	Project Implementation	4
	Prerequisite: IS 425			Prerequisite: IS 470	
IS 482	System Administration UNIX	3	IS 440	Systems Administration	4
	Prerequisites: IS 270, CS 350, and CS 355			Prerequisites: IS 345 and IS 355	
IS 483	Systems Administration	3			
	Prerequisite: CS 350				
IS 485	Intro to Computer Security	3	IS 485	Intro to Computer Security	4
	Prerequisite: IS 320 or CS 162				
IS 486	Network Security	3	CS/IS	Elective	4
			3/4xx		

*Program changes are expected to go into effect in the Fall of 2016, but are considered a draft until full approvals are granted as a result of the WOU curriculum process.*