DATABASE DEVELOPER: CP

Full-Time Academic Plan

course-catalog/) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

PLEASE NOTE: If you originally enrolled at STLCC prior to Fall 2024, you may need to view an archived catalog (https://www.stlcc.edu/programs-academics/

Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
IS 120	Introduction to Excel	1	Reading Proficiency	
IS 153 or 187 or 167	C# Programming I or Java Programming I or C++ Programming I	4	Reading Proficiency	
IS 225	Database Management	4	Reading Proficiency	
IS 229	Unix/Linux I	3	Reading Proficiency	
Elective		3-4		
	Credit Hours	**15-16**		
Spring				
IS 240	SQL and Database Development	3	IS 225 with a minimum grade of "C" and Reading Proficiency	First 8 weeks
IS 257	Big Data Analytics	3	IS 225 with a minimum grade of "C" and Reading Proficiency	Apply for graduation
IS 268 or 276	SQL Server Programming or Oracle Programming	3	IS 240 with a minimum grade of "C" and Reading Proficiency	Second 8 weeks
IS 253 or 287 or 267	C# Programming II or Java Programming II or C++ Programming II	4	IS 153 or IS 167 or IS 187 or IS 166 with minimum grades of "C" and Reading Proficiency	
Elective		3-4		
	Credit Hours	**16-17**		
	Total Credit Hours	**31-33**		

*Click on the hyperlinked course number to view additional information about the course.

**Students completing a course that has been assigned a MOTR number may transfer that course to any public institution in Missouri. Those who complete CORE 42 requirements will have that verification on their transcript.

*** It is your responsibility to verify that the courses listed above will transfer to the four-year institution of your choice. Maximize your transfer credits/classes by meeting with an academic advisor.