REQUIREMENTS FOR THE MASTER OF SCIENCE
POLYTECHNIC INSTITUTE
THE UNIVERSITY OF OKLAHOMA

Academic Year	General Requirements		Program
For Students Entering the Oklahoma State System for Higher Education **Summer 2025 through Spring 2026**	Minimum Total Hours (Thesis)	**30**	**Software Development and Integration**
	Minimum Total Hours (Non-Thesis)	**30**	**M847 (M848 Online)**
			Master of Science

THESIS OPTION

Code	Title	Credit Hours
Core Courses		
Choose a minimum of 12 credits hours of core SDI courses from the following:		12-24
SDI 5103	Software Project Management	
SDI 5113	Real Time Systems	
SDI 5123	Software Testing and Quality Assurance	
SDI 5133	Algorithms II	
SDI 5213	DevOps - CI/CD	
SDI 5233	Process Automation	
SDI 5313	Data Analytics	
SDI 5403	Advanced Web Systems	
Electives		
Choose up to 15 hours of electives from a list of courses (maximum of 6 hours may be chosen from Open Electives list) maintained by the department and approved by the Graduate College.		0-15
Thesis		
SDI 5980	Research for Master's Thesis	3-6
Total Credit Hours		**30**

NON-THESIS OPTION

Code	Title	Credit Hours
Core Courses		
Choose a minimum of 12 credits hours of core SDI courses from the following:		12-24
SDI 5103	Software Project Management	
SDI 5113	Real Time Systems	
SDI 5123	Software Testing and Quality Assurance	
SDI 5133	Algorithms II	
SDI 5213	DevOps - CI/CD	
SDI 5233	Process Automation	
SDI 5313	Data Analytics	
SDI 5403	Advanced Web Systems	
Electives		
Choose 3-15 hours of electives from a list of courses (maximum of 6 hours may be chosen from Open Electives list) maintained by the department and approved by the Graduate College.		3-15
Practicum		
SDI 5903	Master's Practicum	3
Total Credit Hours		**30**

GENERAL REQUIREMENTS FOR ALL MASTER'S DEGREES

The master's degree requires the equivalent of *at least* two semesters of satisfactory graduate work and additional work as may be prescribed for the degree.

All coursework applied to the master's degree must carry graduate credit.

Master's degree programs which require a thesis consist of *at least* 30 credit hours. All non-thesis master's degree programs require *at least* 30 credit hours.

Credit transferred from other institutions must meet specific criteria and is subject to certain limitations.

Courses completed through correspondence study may *not* be applied to the master's degree.

To qualify for a graduate degree, students must achieve an overall grade point average of 3.0 or higher in the degree program coursework and in all resident graduate coursework attempted. A student must also have at least a 3.0 in all coursework (including undergraduate coursework if any).

Additional information for master's degree students may be found in the Graduate College Bulletin.

More information in the catalog: (http://ou-public.courseleaf.com/polytechnic-institute/software-development-integration-master-science/).