INFORMATION TECHNOLOGIES B.T.
Bachelor of Technology
Software Development Track
Degree Sheet

2024-2025 Catalog

General Education Courses			40 Credit Hours	Credit Hours	*Prerequisites*
ENGL	1113		English Composition I	3	[R] [W]
ENGL	1213		English Composition II	3	ENGL 1113
Select One:	HIST	1483	U.S. History to 1865	3	[R] [W]
	HIST	1493	U.S. History since 1865		
POLS	1113		American Government	3	[R] [W]
POLS	3223		Problems in Public Policy	3	POLS 1113 or Dept Head Approval
PSYC	1113		Introductory Psychology	3	[R] [W]
Select One:	SOC	1113	Introductory Sociology	3	[R] [W]
	SOC	3623	Cultural Diversity		Junior Standing
Select One:	SPCH	1113	Introduction to Speech Communication	3	[R] [W]
	SPCH	2723	Interpersonal Communication		

Select any 3 credit hours of college-level Math course

MATH	1483		Mathematical Functions and Their Uses	3	[M]

Select any 6 credit hours designated as humanities (H), one lowel level, and one upper level

				3	Varies
				3	Varies

Select any 7 credit hours of science, one with a lab

				4	Varies
				3	Varies

Completed Associates Degree	30 Credit Hours		
Information Technologies A.S. or A.A.S. degree with 30 technical hours		30	Varies

Software Development Track			12 Credit Hours		
CIS	2013		C++ Language Programming	3	CIS 1123
CIS	2023		C# (Sharp) Programming	3	CIS 1123
CIS	2323		Java	3	CIS 1123
CIS	2703		Systems Analysis and Design	3	CIS 2013 or CIS 2023 or CIS 2323

Selective Admission into the following courses is required based on completion of an Associate in Applied Science degree or higher.

Required Upper Division Courses			40 Credit Hours		
CIS	3001		Employment Orientation	1	Department Head Approval
CIS	3023		Web Programming	3	CIS 2013 or CIS 2023 or CIS 2323
CIS	3113		Information Project Management	3	None
CIS	3463		Server Administration	3	CIS 2363
CIS	3663		Software Development .NET	3	CIS 2023
CIS	3713		Systems Implementation	3	CIS 2703
CIS	4213		Computer Architecture	3	CIS 3663
CIS	4323		Data Structures	3	CIS 2323
CIS	4333		Mobile Programming	3	CIS 3023
CIS	4453		Software Engineering	3	CIS 3663
			Approved Technical Elective (3000 or 4000 level)	3	Varies
CIS	4900		Internship	9	Department Head Approval

Total to Graduate   122

ADDITIONAL GRADUATION REQUIREMENTS:
• 2.0 Graduation/Retention GPA
• 30 credit hours earned in residence at OSU-OKC
• 60 credit hours from baccalaureate degree granting institution
• 40 credit hours of upper division coursework
• Grade of "C" or better required in all upper division technical coursework
• Students must complete the prerequisite course with a grade

of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:
FA= Fall, SP=Spring, SU=Summer
[R] Reading Proficiency/Placement
[W] Writing Proficiency/Placement
[M] Math Proficiency/Placement