

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]
<i>Select any 6 credit hours designated as humanities (H), one low level, and one upper level</i>					
				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
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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