OSU | OKLAHOMA CITY

INFORMATION TECHNOLOGY B.T.
Software Development Concentration

The following plan is for students matriculating in or before the academic year **2025-2026**
This suggested sequencing plan is provided as a courtesy. The official degree requirements sheet is used to determine eligibility for graduation. For official degree requirements, visit **https://osuokc.edu/academics/degrees**
The sequence below is designed for completion within four years; not following the sequence may delay degree completion.
As noted in the plan below, some courses are not offered every semester.

YEAR 1		FALL (15 hours)
CIS 1503 Microcomputer Applications		*Prerequisite: [R]*
ENGL 1113 English Composition I		*Prerequisites: [R] [W]*
ITD 1103 IT Fundamentals		*Prerequisite: [R]*
ITD 1533 Networking Fundamentals	**FA ONLY**	*Prerequisite: [R]*
SOC 1113 Introductory Sociology		*Prerequisites: [R]*

		SPRING (15 hours)
CIS 1123 Programming Fundamentals		*Prerequisite: [R]*
ENGL 1213 English Composition II		*Prerequisite: ENGL 1113*
ITD 1113 Client OS Fundamentals		*Prerequisite: [R] [W]*
MATH 1483 Mathematics Functions and Their Uses		*Prerequisites: [R]*
POLS 1113 American Government		*Prerequisites: [R]*

YEAR 2		FALL (15 hours)
CIS 2023 C# (Sharp) Programming	**FA ONLY**	*Prerequisites: CIS 1123*
CIS 2323 Java	**FA ONLY**	*Prerequisites: CIS 1123*
CIS 2363 Database Fundamentals	**FA ONLY**	*Prerequisites: CIS 1503*
HIST 1483 or HIST 1493		*Prerequisites: [R]*
ITD 1523 Hardware and OS Support	**FA ONLY**	*Prerequisites: [R]*

		SPRING (15 hours)
CIS 2013 C++ Language Programming	**SP ONLY**	*Prerequisite: CIS 11233*
CIS 2513 Cybersecurity Fundamentals	**SP ONLY**	*Prerequisite: [R]*
CIS 2703 Systems Analysis and Design	**SP ONLY**	*Prerequisite: CIS 2023*
CIS 2803 Capstone		*Prerequisite: Sophomore level Classification*
ITD 2193 Technical Support Communications		*Prerequisite: [R]*
==Submit graduation application with enrollment for completion of IT AAS Software Development.==		

YEAR 3 — FALL (16 hours)

Course	Term	Prerequisites
CIS 3001 Employment Orientation	**FA ONLY**	*Prerequisites: Junior Level Classification*
CIS 3023 Web Programming	**FA ONLY**	*Prerequisites: CIS 2013 or CIS 2023 or CIS 2323*
CIS 3113 Information Project Management	**FA ONLY**	*Prerequisites: [R]*
CIS 3713 Systems Implementation	**FA ONLY**	*Prerequisites: CIS 2703*
Gen Ed		*Prerequisite: Varies*
Gen Ed		*Prerequisite: Varies*

SPRING (15 hours)

Course	Term	Prerequisites
CIS 3463 Server Administration	**SP ONLY**	*Prerequisite: CIS 2363*
CIS 3663 Software Development .NET	**SP ONLY**	*Prerequisites: CIS 2023*
CIS 4323 Data Structures	**SP ONLY**	*Prerequisites: CIS 2323*
Gen Ed		*Prerequisite: Varies*
Gen Ed		*Prerequisite: Varies*

YEAR 4 — FALL (15 hours)

Course	Term	Prerequisites
CIS 4213 Computer Architecture	**FA ONLY**	*Prerequisites: CIS 3663*
CIS 4333 Mobile Programming	**FA ONLY**	*Prerequisites: CIS 3023*
CIS 4453 Software Engineering		*Prerequisite: CIS 3663*
Gen Ed		*Prerequisite: Varies*
Gen Ed		*Prerequisite: Varies*

SPRING (12 hours)

Course	Term	Prerequisites
Tech. Elective 3 hours	**SP ONLY**	*Prerequisite: Varies*
CIS 4900 Internship 9 hours	**SP ONLY**	*Prerequisites: Senior Level Classification*
==Submit graduation application with enrollment for completion of BT-IT Software Development.==		

Total Hours: 122

ADDITIONAL GRADUATION REQUIREMENTS

• 2.0 Graduation/Retention GPA

• 15 credit hours earned in residence at OSU-OKC

• Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

LEGEND

[R] Reading Proficiency/Placement

[W] Writing Proficiency/Placement

[M] Math Proficiency/Placement

FA = Fall   SP = Spring   SU = Summer