Bachelor of Science in Computer Science -- University of Science and Arts of Oklahoma

Interdisciplinary Studies (IDS) (44 hours)

Course	Title	Hours	Trimester
IDS 1003	First Year Seminar	3	_____
IDS 1133	The Individual in Contemporary Society	3	_____
IDS 1113	Introduction to College Writing	3	_____
IDS 1213	Writing About Literature	3	_____
IDS 1223	Contemporary Math	3	_____

Artistic Expression -- 2 hours

_____	_____	___	_____
_____	_____	___	_____

Physical Expression -- 2 hours

Course	Title	Hours	Trimester
KINE 1011	Concepts of Health and Fitness	1	_____
_____	_____	___	_____

Course	Title	Hours	Trimester
IDS 2013	Foundations of Physical Science	3	_____
IDS 2023	Foundations of Life Science	3	_____
IDS 2011	Foundations of Science Lab	1	_____
IDS 2133	American Civilization I	3	_____
IDS 2143	American Civilization II	3	_____
IDS 3223	Political and Economic Systems and Theories	3	_____
IDS 3313	World Thought and Culture I	3	_____
IDS 3323	World Thought and Culture II	3	_____
IDS 4333	World Thought and Culture III	3	_____

Computer Science Major (78 Hours)

Computer Science Required Courses -- 32 hours

Course	Title	Hours	Trimester
CSCI 1143	Introduction to Computing	3	_____
CSCI 2113	Fundamentals of Algorithms	3	_____
CSCI 2253	Programming in Python I	3	_____
CSCI 3043	Discrete Mathemathics	3	_____
CSCI 3143	Data Structures	3	_____
CSCI 3253	Programming in Python II	3	_____
CSCI 3353	Computer Networks	3	_____
CSCI 4053	Database Design	3	_____
CSCI 4163	Software Engineering	3	_____
CSCI 4202	Artificial Intelligence, Privacy and Ethics	2	_____
CSCI 4713	Operating Systems	3	_____

CSCI Elective Courses -- 9 hours

_____	_____	___	_____
_____	_____	___	_____
_____	_____	___	_____

Or substitute ArcGIS, CAD, Graphic Illustration, or Animation.

Internship -- 4 hours

Course	Title	Hours	Trimester
CSCI 4112	Internship	2	_____
CSCI 4112	Internship	2	_____

Mathematics Required Courses -- 12 hours

Course	Title	Hours	Trimester
MATH 2203	Elementary Statistics	3	_____
MATH 1743	Calculus and Analytic Geometry I	3	_____
MATH 2223	Calculus and Analytic Geometry II	3	_____
MATH 3233	Linear Algebra	3	_____

Non-CSCI STEM Required Courses -- 7 hours

Course	Title	Hours	Trimester
NSCI 3711	Next Step Preparation	1	_____
_____	_____	___	_____
_____	_____	___	_____

Science Courses with Laboratory -- 4 hours

_____	_____	___	_____
_____	_____	___	_____

Non-STEM Electives -- 10 hours

_____	_____	___	_____
_____	_____	___	_____
_____	_____	___	_____
_____	_____	___	_____

A minimum of 122 credit hours is required
No more than 61 hrs of junior college credit may count towards 122
A minimum of 40 hours of upper division credit is required

Degree requirements effective August 2024

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