

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

Interdisciplinary Studies (IDS) (44 hours)			Hours	Trimester				Hours	Trimester		
IDS 1003	First Year Seminar	3		IDS 2013	Foundations of Physical Science	3		IDS 2013	Foundations of Physical Science	3	
IDS 1133	The Individual in Contemporary Society	3		IDS 2023	Foundations of Life Science	3		IDS 2011	Foundations of Science Lab	1	
IDS 1113	Introduction to College Writing	3		IDS 2133	American Civilization I	3		IDS 2143	American Civilization II	3	
IDS 1213	Writing about Literature	3		IDS 3223	Political and Economic Systems and Theories	3		IDS 3313	World Thought and Culture I	3	
IDS 1223	Contemporary Math	3		IDS 3323	World Thought and Culture II	3		IDS 4333	World Thought and Culture III	3	

Artistic Expression -- 2 hours

Physical Expression -- 2 hours

KINE 1011	Concepts of Health and Fitness	1	
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Physics Major (57 hours)

28 hours in Physics, 18 hours in Mathematics, 8 hours in Chemistry, 3 hours in Computer Science

Physics Required Courses -- 28 hours

	Hours	Trimester
PHYS 1301	1	
PHYS 2113 or	3	
PHYS 2214	4	
PHYS 1401	1	
PHYS 2123 or	3	
PHYS 2224	4	
PHYS 2513	3	
PHYS 3013	3	
PHYS 3113	3	
PHYS 3213	3	
PHYS 4003	3	
PHYS 4102	2	
PHYS 4113	3	

Mathematics Prerequisite Courses

MATH 1513	College Algebra	3	
MATH 1613	Trigonometry	3	

Mathematics Required Courses -- 18 hours

MATH 1743	Calculus & Analytic Geometry I	3	
MATH 2223	Calculus & Analytic Geometry II	3	
MATH 2243	Calculus & Analytic Geometry III	3	
MATH 3263	Calculus & Analytic Geometry IV	3	
MATH 3233	Linear Algebra	3	
MATH 3353	Differential Equations	3	

Computer Science Required Course -- 3 hours

CSCI 1143	Introduction to Computing	3	
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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

Chemistry Required Courses -- 8 hours

	Hours	Trimester
CHEM 1111	1	
CHEM 1113	3	
CHEM 1121	1	
CHEM 1123	3	

Additional Required Courses

NSCI 1710 or	Success in STEM	0	
NSCI 1711	Success in STEM	1	
NSCI 2710 or	STEM Communication	0	
NSCI 2711	STEM Communication	1	
NSCI 3710 or	Next Step Preparation	0	
NSCI 3711	Next Step Preparation	1	

Elective Courses -- 21 hours

Degree requirements effective August 2024

