

Course Assignment Eligibility for Sec. Science Endorsements

Each table lists all the courses that can be taught by educators that have a secondary science endorsement posted to their license in the Utah CACTUS System. Note: It is possible that a course has been given a different title within each LEA (district or school). However, every LEA course will be connected to one of the CACTUS course codes in the table. Please check with LEA leadership to inquire about a course title that is not included on this list.

Science Core (6-8) Endorsement

CACTUS Course Code	CACTUS Course Title	Graduation Requirement
08050000005	Grade 6 Science	Foundation Science
08050000001	Grade 7 Science	Foundation Science
08050000010	Grade 8 Science	Foundation Science
08050000015	Middle School Science General Elective	General Elective

Biology 1 Endorsement

CACTUS Course Code	CACTUS Course Title	Graduation Requirement
08020000010	Biology	Foundation Science
08020000030	Botany	Applied Science
08020000040	Genetics	Applied Science
08020000080	Zoology	Applied Science
08040000040	Marine Science	Applied Science
08020000051	Biology General Elective	General Elective
08040000025	Investigation Science General Elective	General Elective
08050000015	Middle School Science General Elective	General Elective

Biology 2 Endorsement

CACTUS Course Code	CACTUS Course Title	Graduation Requirement
08020000001	A.P. Biology	Foundation Science
08020000010	Biology	Foundation Science
08020000030	Botany	Applied Science
08020000040	Genetics	Applied Science
08020000065	Human Anatomy	Applied Science
08020000070	Wildlife Biology	Applied Science
08020000080	Zoology	Applied Science
08040000040	Marine Science	Applied Science
08020013010	Biology with Lab CE SEEd (Concurrent Enrollment)	Foundation Science
08020013012	Biology Elective CE No SEEd (Concurrent Enrollment)	Applied Science
08020013050	Human Biology CE (Concurrent Enrollment)	Foundation Science
08020013060	Human Physiology CE (Concurrent Enrollment)	Applied Science
08020013065	Anatomy and Physiology CE (Concurrent Enrollment)	Applied Science
08020000085	IB Biology SL	Foundation Science
08020000090	IB Biology HL	Foundation Science
08020000051	Biology General Elective	General Elective
08040000025	Investigation Science General Elective	General Elective
08050000015	Middle School Science General Elective	General Elective

Chemistry 1 Endorsement

CACTUS Course Code	CACTUS Course Title	Graduation Requirement
08030000010	Chemistry (9-12)	Foundation Science
08030000051	Chemistry General Elective	General Elective
08040000025	Investigation Science General Elective	General Elective
08050000015	Middle School Science General Elective	General Elective

Chemistry 2 Endorsement

CACTUS Course Code	CACTUS Course Title	Graduation Requirement
08030000001	A.P. Chemistry	Foundation Science
08030000010	Chemistry (9-12)	Foundation Science
08030013012	Chemistry with Lab CE SEEd (Concurrent Enrollment)	Foundation Science
08030013010	Chemistry Elective CE No SEEd (Concurrent Enrollment)	Applied Science
08030000020	IB Chemistry SL	Foundation Science
08030000025	IB Chemistry HL	Foundation Science
08030000051	Chemistry General Elective	General Elective
08040000025	Investigation Science General Elective	General Elective
08050000015	Middle School Science General Elective	General Elective

Earth Science 1 Endorsement

CACTUS Course Code	CACTUS Course Title	Graduation Requirement
08040000010	Earth Science (9-12)	Foundation Science
08040000020	Environmental Science	Applied Science
08040000030	Geology	Applied Science
08040000040	Marine Science	Applied Science
08040000050	Meteorology	Applied Science
08060000010	Astronomy	Applied Science
08040000051	Earth Science General Elective	General Elective
08040000025	Investigation Science General Elective	General Elective
08050000015	Middle School Science General Elective	General Elective

Earth Science 2 Endorsement

CACTUS Course Code	CACTUS Course Title	Graduation Requirement
08040000001	A.P. Environmental Science	Foundation Science
08040000010	Earth Science (9-12)	Foundation Science
08040000020	Environmental Science	Applied Science
08040000030	Geology	Applied Science
08040000040	Marine Science	Applied Science
08040000050	Meteorology	Applied Science
08060000010	Astronomy	Applied Science
08040013020	Environmental Science CE (Concurrent Enrollment)	Applied Science
08040013030	Geology CE (Concurrent Enrollment)	Applied Science
08040013050	Meteorology CE (Concurrent Enrollment)	Applied Science
08060013010	Astronomy CE (Concurrent Enrollment)	Applied Science
08050000025	IB Environmental Science & Societies SL	Foundation Science
08040000051	Earth Science General Elective	General Elective
08040000025	Investigation Science General Elective	General Elective
08050000015	Middle School Science General Elective	General Elective

Physics 1 Endorsement

CACTUS Course Code	CACTUS Course Title	Graduation Requirement
08060000020	Physics (9-12)	Foundation Science
08060000010	Astronomy	Applied Science
08060000051	Physics General Elective	General Elective
08040000025	Investigation Science General Elective	General Elective
08050000015	Middle School Science General Elective	General Elective

Physics 2 Endorsement

CACTUS Course Code	CACTUS Course Title	Graduation Requirement
08060000005	A.P. Physics 1: Algebra Based	Foundation Science
08060000007	A.P. Physics 2: Algebra Based	Foundation Science
08060000008	A.P. Physics C - Mechanics	Foundation Science
08060000009	A.P. Physics C - Electricity and Magnetism	Foundation Science
08060000020	Physics (9-12)	Foundation Science
08060000010	Astronomy	Applied Science
08060013020	Physics with Lab CE SEEd (Concurrent Enrollment)	Foundation Science
08060013022	Physics Elective CE No SEEd (Concurrent Enrollment)	Applied Science
08060013010	Astronomy CE (Concurrent Enrollment)	Applied Science
08060000055	IB Physics SL	Foundation Science
08060000060	IB Physics HL	Foundation Science
08060000051	Physics General Elective	General Elective
08040000025	Investigation Science General Elective	General Elective
08050000015	Middle School Science General Elective	General Elective