

Valid Credentials: General Rules

Introduction

This document is designed to assist districts in implementing the requirements and in ensuring that PreK-12 educators are assigned to classes they are validly credentialed to teach. It identifies the credentials required for teaching specific courses. Teachers are to hold one of the credentials identified in this document for each course they teach.

Elementary Credentials

Courses in the elementary grade range, other than PE, do not appear in this document, because a general rule for elementary credentials applies to all such courses. The general rule for elementary credentials (i.e., Kindergarten-Primary (KP), Kindergarten-Elementary (KE), Elementary (EL), Early Childhood (EC), endorsements extending the grade range of EC credentials) allows the teachers who hold these credentials to teach any course within the relevant grade range. An exception to this rule is for those initially hired on or after July 1, 2013, to teach physical education. These teachers must be licensed in PE and are included in this document.

Community School Courses

Courses that are taught at a community school, with the exception of special education courses, can be taught by an educator who holds any issued teaching credential other than a Short Term Substitute license.

Special Education

For courses with student populations SE or SP, any teacher holding an education of the handicapped certificate (EH) or an intervention specialist license (IL or ES) can teach students—at the grade levels for which the teacher is certificated or licensed—with any disability.*

*Exceptions:

1. Any SE or SP course that is comprised of all hearing impaired students must be taught by someone certificated or licensed to teach hearing impaired students. This includes the following:
 - EH 196010, 196015, 196070 (grades K-12)
 - IL 196116 (grades P-12)
2. Any SE or SP course that is comprised of all visually impaired students must be taught by someone certificated or licensed to teach visually impaired students. This includes the following:
 - EH 196110 (grades K-12)
 - IL 196109 (grades P-12)

Science

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
130301 - Chemistry	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132046 - Earth Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132150 - Physical Science/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132036 - Life Sci/Chemistry		7 - 12
	CH - Comprehensive High School (7-12)	130312 - Chemistry (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132150 - Physical Science/Chemistry		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130301 - Chemistry	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130301 - Chemistry		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12
	HS - High School (7-12)	130300 - Physical Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130300 - Physical Science	180200 - Middle Grades	4 - 12
130302 - Physics	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	132160 - Physical Science/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	CH - Comprehensive High School (7-12)	130322 - Physics (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12
	HS - High School (7-12)	130302 - Physics	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130300 - Physical Science		7 - 12
	HS - High School (7-12)	130302 - Physics		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130300 - Physical Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12
132120 - Science (4-6)	DS (K-12) - Designated Subject (Grades K-12)	132030 - Life Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132150 - Physical Science/Chemistry		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132040 - Earth Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12
	HS - High School (7-12)	130100 - General Science	180200 - Middle Grades	4 - 12
	MC - Middle Childhood (4-9)	130102 - Science (4-9)		4 - 9
	MC - Middle Childhood (4-9)	130155 - Science Generalist (4-6)		4 - 6
	MS - Middle School (4-9)	130155 - Science Generalist (4-6)		4 - 6
	MS - Middle School (4-9)	130102 - Science (4-9)		4 - 9

Science

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
132130 - Science (7-8)	AD - Adolescence to Young Adult (7-12)	132160 - Physical Science/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132150 - Physical Science/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132040 - Earth Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132036 - Life Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132046 - Earth Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132034 - Life Sciences/Earth		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132030 - Life Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	130100 - General Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	CH - Comprehensive High School (7-12)	130175 - All Sciences 7-8		7 - 8
	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132150 - Physical Science/Chemistry		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132040 - Earth Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132030 - Life Sciences		KG - 12
	HS - High School (7-12)	130200 - Biological Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130100 - General Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130301 - Chemistry		7 - 12
	HS - High School (7-12)	130100 - General Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12
	HS - High School (7-12)	130200 - Biological Science		7 - 12
	HS - High School (7-12)	130400 - Earth Sciences		7 - 12
	HS - High School (7-12)	130302 - Physics	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130400 - Earth Sciences	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130302 - Physics		7 - 12
	HS - High School (7-12)	130301 - Chemistry	180200 - Middle Grades	4 - 12
	MC - Middle Childhood (4-9)	130102 - Science (4-9)		4 - 9
	MS - Middle School (4-9)	130102 - Science (4-9)		4 - 9

Science

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES	
132220 - Physical Science	AD - Adolescence to Young Adult (7-12)	132160 - Physical Science/Physics		7 - 12	
	AD - Adolescence to Young Adult (7-12)	132150 - Physical Science/Chemistry		7 - 12	
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12	
	AD - Adolescence to Young Adult (7-12)	132036 - Life Sci/Chemistry		7 - 12	
	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12	
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12	
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12	
	AD - Adolescence to Young Adult (7-12)	130100 - General Science		7 - 12	
	AD - Adolescence to Young Adult (7-12)	132046 - Earth Sci/Chemistry		7 - 12	
	CH - Comprehensive High School (7-12)	130312 - Chemistry (9-12)		9 - 12	
	CH - Comprehensive High School (7-12)	130322 - Physics (9-12)		9 - 12	
	CH - Comprehensive High School (7-12)	130150 - General Science (9-12)		9 - 12	
	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12	
	DS (K-12) - Designated Subject (Grades K-12)	132150 - Physical Science/Chemistry		KG - 12	
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12	
	HS - High School (7-12)	130302 - Physics		7 - 12	
	HS - High School (7-12)	130301 - Chemistry	180200 - Middle Grades	4 - 12	
	HS - High School (7-12)	130302 - Physics	180200 - Middle Grades	4 - 12	
	HS - High School (7-12)	130301 - Chemistry		7 - 12	
	HS - High School (7-12)	130300 - Physical Science	180200 - Middle Grades	4 - 12	
	HS - High School (7-12)	130300 - Physical Science		7 - 12	
	HS - High School (7-12)	130100 - General Science	180200 - Middle Grades	4 - 12	
	HS - High School (7-12)	130100 - General Science		7 - 12	
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12	
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12	
	MC - Middle Childhood (4-9)	130102 - Science (4-9)		4 - 9	
	MS - Middle School (4-9)	130102 - Science (4-9)		4 - 9	
	132230 - Biology	AD - Adolescence to Young Adult (7-12)	132036 - Life Sci/Chemistry		7 - 12
		AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
		AD - Adolescence to Young Adult (7-12)	132034 - Life Sciences/Earth		7 - 12
AD - Adolescence to Young Adult (7-12)		132030 - Life Sciences		7 - 12	
AD - Adolescence to Young Adult (7-12)		132010 - Integrated Science		7 - 12	
CH - Comprehensive High School (7-12)		130205 - Biological Science (9-12)		7 - 12	
DS (K-12) - Designated Subject (Grades K-12)		132030 - Life Sciences		KG - 12	
DS (K-12) - Designated Subject (Grades K-12)		132010 - Integrated Science		KG - 12	
HS - High School (7-12)		130200 - Biological Science	180200 - Middle Grades	4 - 12	
HS - High School (7-12)		130200 - Biological Science		7 - 12	
HS - High School (7-12)		130000 - Comprehensive Science		7 - 12	
HS - High School (7-12)		130000 - Comprehensive Science	180200 - Middle Grades	4 - 12	

Science

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
132325 - Advanced Physics	AD - Adolescence to Young Adult (7-12)	132160 - Physical Science/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	CH - Comprehensive High School (7-12)	130322 - Physics (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130302 - Physics	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130302 - Physics		7 - 12
	HS - High School (7-12)	130300 - Physical Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130300 - Physical Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12
132326 - Advanced Chemistry	AD - Adolescence to Young Adult (7-12)	132046 - Earth Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132036 - Life Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	132150 - Physical Science/Chemistry		7 - 12
	CH - Comprehensive High School (7-12)	130312 - Chemistry (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132150 - Physical Science/Chemistry		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130301 - Chemistry	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130301 - Chemistry		7 - 12
	HS - High School (7-12)	130300 - Physical Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130300 - Physical Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12
132330 - Advanced Biology	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132036 - Life Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132034 - Life Sciences/Earth		7 - 12
	AD - Adolescence to Young Adult (7-12)	132030 - Life Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	CH - Comprehensive High School (7-12)	130205 - Biological Science (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132030 - Life Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130200 - Biological Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130200 - Biological Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
HS - High School (7-12)	130000 - Comprehensive Science		7 - 12	

Science

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
132340 - Advanced Earth and Space Sciences	AD - Adolescence to Young Adult (7-12)	132046 - Earth Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132040 - Earth Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132034 - Life Sciences/Earth		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	CH - Comprehensive High School (7-12)	130410 - Earth Science (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132040 - Earth Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130400 - Earth Sciences	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130400 - Earth Sciences		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12
	132350 - Environmental Science	AD - Adolescence to Young Adult (7-12)	132046 - Earth Sci/Chemistry	
AD - Adolescence to Young Adult (7-12)		132045 - Earth Sci/Physics		7 - 12
AD - Adolescence to Young Adult (7-12)		132040 - Earth Sciences		7 - 12
AD - Adolescence to Young Adult (7-12)		132036 - Life Sci/Chemistry		7 - 12
AD - Adolescence to Young Adult (7-12)		132035 - Life Sci/Physics		7 - 12
AD - Adolescence to Young Adult (7-12)		132034 - Life Sciences/Earth		7 - 12
AD - Adolescence to Young Adult (7-12)		132030 - Life Sciences		7 - 12
AD - Adolescence to Young Adult (7-12)		132010 - Integrated Science		7 - 12
CH - Comprehensive High School (7-12)		130410 - Earth Science (9-12)		7 - 12
CH - Comprehensive High School (7-12)		130205 - Biological Science (9-12)		7 - 12
DS (K-12) - Designated Subject (Grades K-12)		132040 - Earth Sciences		KG - 12
DS (K-12) - Designated Subject (Grades K-12)		132010 - Integrated Science		KG - 12
DS (K-12) - Designated Subject (Grades K-12)		132030 - Life Sciences		KG - 12
HS - High School (7-12)		130400 - Earth Sciences	180200 - Middle Grades	4 - 12
HS - High School (7-12)		130400 - Earth Sciences		7 - 12
HS - High School (7-12)		130200 - Biological Science	180200 - Middle Grades	4 - 12
HS - High School (7-12)		130200 - Biological Science		7 - 12
HS - High School (7-12)		130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
HS - High School (7-12)		130000 - Comprehensive Science		7 - 12

Science

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
132900 - Intervention Science	AD - Adolescence to Young Adult (7-12)	132160 - Physical Science/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132046 - Earth Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132040 - Earth Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132150 - Physical Science/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132036 - Life Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132034 - Life Sciences/Earth		7 - 12
	AD - Adolescence to Young Adult (7-12)	132030 - Life Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	130100 - General Science		7 - 12
	CH - Comprehensive High School (7-12)	130410 - Earth Science (9-12)		9 - 12
	CH - Comprehensive High School (7-12)	130322 - Physics (9-12)		9 - 12
	CH - Comprehensive High School (7-12)	130312 - Chemistry (9-12)		9 - 12
	CH - Comprehensive High School (7-12)	130205 - Biological Science (9-12)		9 - 12
	CH - Comprehensive High School (7-12)	130150 - General Science (9-12)		9 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132150 - Physical Science/Chemistry		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132040 - Earth Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132030 - Life Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130400 - Earth Sciences	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130400 - Earth Sciences		7 - 12
	HS - High School (7-12)	130302 - Physics	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130302 - Physics		7 - 12
	HS - High School (7-12)	130301 - Chemistry	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130301 - Chemistry		7 - 12
	HS - High School (7-12)	130200 - Biological Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130200 - Biological Science		7 - 12
HS - High School (7-12)	130100 - General Science	180200 - Middle Grades	4 - 12	
HS - High School (7-12)	130100 - General Science		7 - 12	
HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12	
HS - High School (7-12)	130000 - Comprehensive Science		7 - 12	
134250 - Physical Geology	AD - Adolescence to Young Adult (7-12)	132046 - Earth Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132040 - Earth Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132034 - Life Sciences/Earth		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	CH - Comprehensive High School (7-12)	130410 - Earth Science (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132040 - Earth Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130400 - Earth Sciences		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12

Science

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
139940 - Physics C: Electricity & Magnetism	AD - Adolescence to Young Adult (7-12)	132160 - Physical Science/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	CH - Comprehensive High School (7-12)	130322 - Physics (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130302 - Physics	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130302 - Physics		7 - 12
	HS - High School (7-12)	130300 - Physical Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130300 - Physical Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12
139950 - Physics C: Mechanics	AD - Adolescence to Young Adult (7-12)	132160 - Physical Science/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	CH - Comprehensive High School (7-12)	130322 - Physics (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130302 - Physics	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130302 - Physics		7 - 12
	HS - High School (7-12)	130300 - Physical Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130300 - Physical Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12
139960 - Physics 1: Algebra-Based	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	132160 - Physical Science/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	CH - Comprehensive High School (7-12)	130322 - Physics (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130302 - Physics		7 - 12
	HS - High School (7-12)	130300 - Physical Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12

Science

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
139970 - Physics 2: Algebra-Based	AD - Adolescence to Young Adult (7-12)	132160 - Physical Science/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	CH - Comprehensive High School (7-12)	130322 - Physics (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130302 - Physics		7 - 12
	HS - High School (7-12)	130300 - Physical Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12
139997 - Other Science	AD - Adolescence to Young Adult (7-12)	132160 - Physical Science/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132150 - Physical Science/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132046 - Earth Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132040 - Earth Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132036 - Life Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132034 - Life Sciences/Earth		7 - 12
	AD - Adolescence to Young Adult (7-12)	132030 - Life Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	130100 - General Science		7 - 12
	CH - Comprehensive High School (7-12)	130410 - Earth Science (9-12)		9 - 12
	CH - Comprehensive High School (7-12)	130322 - Physics (9-12)		9 - 12
	CH - Comprehensive High School (7-12)	130312 - Chemistry (9-12)		9 - 12
	CH - Comprehensive High School (7-12)	130205 - Biological Science (9-12)		9 - 12
	CH - Comprehensive High School (7-12)	130150 - General Science (9-12)		9 - 12
	CH - Comprehensive High School (7-12)	130000 - Comprehensive Science		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132150 - Physical Science/Chemistry		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132040 - Earth Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132030 - Life Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130400 - Earth Sciences		7 - 12
	HS - High School (7-12)	130302 - Physics	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130302 - Physics		7 - 12
	HS - High School (7-12)	130301 - Chemistry	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130301 - Chemistry		7 - 12
	HS - High School (7-12)	130300 - Physical Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130300 - Physical Science		7 - 12
	HS - High School (7-12)	130400 - Earth Sciences	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130200 - Biological Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130200 - Biological Science		7 - 12
	HS - High School (7-12)	130100 - General Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130100 - General Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12

Science

SUBJECT	CREDENTIAL	TEACHING FIELD/ENDORSEMENT	ADDITIONAL TEACHING FIELD/ENDORSEMENT	GRADES
139998 - Other Advanced Science	AD - Adolescence to Young Adult (7-12)	132160 - Physical Science/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132150 - Physical Science/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132046 - Earth Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132040 - Earth Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132036 - Life Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132034 - Life Sciences/Earth		7 - 12
	AD - Adolescence to Young Adult (7-12)	132030 - Life Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	130100 - General Science		7 - 12
	CH - Comprehensive High School (7-12)	130410 - Earth Science (9-12)		9 - 12
	CH - Comprehensive High School (7-12)	130322 - Physics (9-12)		9 - 12
	CH - Comprehensive High School (7-12)	130312 - Chemistry (9-12)		9 - 12
	CH - Comprehensive High School (7-12)	130205 - Biological Science (9-12)		9 - 12
	CH - Comprehensive High School (7-12)	130150 - General Science (9-12)		9 - 12
	CH - Comprehensive High School (7-12)	130000 - Comprehensive Science		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132150 - Physical Science/Chemistry		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132040 - Earth Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132030 - Life Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130400 - Earth Sciences	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130302 - Physics	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130302 - Physics		7 - 12
	HS - High School (7-12)	130301 - Chemistry	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130400 - Earth Sciences		7 - 12
	HS - High School (7-12)	130301 - Chemistry		7 - 12
	HS - High School (7-12)	130300 - Physical Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130300 - Physical Science		7 - 12
	HS - High School (7-12)	130200 - Biological Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130200 - Biological Science		7 - 12
	HS - High School (7-12)	130100 - General Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130100 - General Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12