

**Subject Area - International Baccalaureate**

Subject Area	Subject Definition	Suggested Subj Area for Credit	Certificate Type	Certificate Code	Certificate Grade Levels	License Type	License Code	License Levels
IB Mathematics 320050	Based upon the most current International Baccalaureate Program curriculum.	MTH	HS - High School (7-12)	110000-Mathematics	7 - 12	AD - Adolescence to Young Adult	110000-Mathematics	7 - 12
			MS - Middle School (4-9)	110100-Mathematics (4-9)	4 - 9	AD - Adolescence to Young Adult	110094-Integrated Mathematics	7 - 12
						MC - Middle Childhood (4-9)	110100-Mathematics (4-9)	4 - 9
IB Mathematical Methods 320100	Based upon the most current International Baccalaureate Program curriculum.	MTH	HS - High School (7-12)	110000-Mathematics	7 - 12	AD - Adolescence to Young Adult	110000-Mathematics	7 - 12
			MS - Middle School (4-9)	110100-Mathematics (4-9)	4 - 9	AD - Adolescence to Young Adult	110094-Integrated Mathematics	7 - 12
						MC - Middle Childhood (4-9)	110100-Mathematics (4-9)	4 - 9
IB Mathematical Studies 320150	Based upon the most current International Baccalaureate Program curriculum.	MTH	HS - High School (7-12)	110000-Mathematics	7 - 12	AD - Adolescence to Young Adult	110000-Mathematics	7 - 12
			MS - Middle School (4-9)	110100-Mathematics (4-9)	4 - 9	AD - Adolescence to Young Adult	110094-Integrated Mathematics	7 - 12
						MC - Middle Childhood (4-9)	110100-Mathematics (4-9)	4 - 9
IB First Language 320200	Based upon the most current International Baccalaureate Program curriculum.	ENG	CH - Comprehensive High School	050012-English (9-12)	7 - 12	AD - Adolescence to Young Adult	050000-English	7 - 12
			HS - High School (7-12)	050000-English	7 - 12	AD - Adolescence to Young Adult	050145-Integrated Language Arts	7 - 12
			MS - Middle School (4-9)	059901-Comprehensive Communications	7 - 12	MC - Middle Childhood (4-9)	050150-Language Arts & Reading (4-9)	4 - 9
				050150-Language Arts & Reading (4-9)	4 - 9			
IB Second Language – Arabic 320250	Based upon the most current International Baccalaureate Program curriculum.	FLR	HS - High School (7-12)	060101-Arabic	7 - 12	AD - Adolescence to Young Adult	060101-Arabic	7 - 12
			SP - Special (K-12)	060101-Arabic	K - 12	MA - Multi-Age	060101-Arabic	K - 12
IB Second Language – Chinese 320300	Based upon the most current International Baccalaureate Program curriculum.	FLR	HS - High School (7-12)	060102-Chinese	7 - 12	AD - Adolescence to Young Adult	060102-Chinese	7 - 12
			HS - High School (7-12)	065002-Chinese 7 - 12	7 - 12	AD - Adolescence to Young Adult	065002-Chinese 7 - 12	7 - 12
			SP - Special (K-12)	060102-Chinese	K - 12	MA - Multi-Age	060102-Chinese	P - 12
				060110-Chinese Kindergarten - 12	K - 12	MA - Multi-Age	060110-Chinese Kindergarten - 12	P - 12
IB Second Language – Czech 320350	Based upon the most current International Baccalaureate Program curriculum.	FLR	HS - High School (7-12)	060205-Czech	7 - 12	AD - Adolescence to Young Adult	066005-Czech 7-12	7 - 12
			HS - High School (7-12)	066005-Czech 7-12	7 - 12	MA - Multi-Age	060227-Czech	P - 12
			SP - Special (K-12)	060205-Czech	K - 12			
				060227-Czech	K - 12			
IB Second Language – French 320400	Based upon the most current International Baccalaureate Program curriculum.	FLR	HS - High School (7-12)	060208-French	7 - 12	AD - Adolescence to Young Adult	066008-French 7-12	7 - 12
			HS - High School (7-12)	066008-French 7-12	7 - 12	MA - Multi-Age	060230-French	P - 12
			SP - Special (K-12)	060208-French	K - 12			
				060230-French	K - 12			
IB Second Language – German 320450	Based upon the most current International Baccalaureate Program curriculum.	FLR	HS - High School (7-12)	060209-German	7 - 12	AD - Adolescence to Young Adult	066009-German 7-12	7 - 12
			HS - High School (7-12)	066009-German 7-12	7 - 12	MA - Multi-Age	060235-German	P - 12
			HS - High School (7-12)	066089-German 7-12	7 - 12			
			SP - Special (K-12)	060209-German	K - 12			
				060235-German	K - 12			
IB Second Language – Hebrew 320500	Based upon the most current International Baccalaureate Program curriculum.	FLR	HS - High School (7-12)	060130-Hebrew	7 - 12	AD - Adolescence to Young Adult	065003-Hebrew 7-12	7 - 12
			HS - High School (7-12)	065003-Hebrew 7-12	7 - 12	MA - Multi-Age	060135-Hebrew K - 12	P - 12
			SP - Special (K-12)	060130-Hebrew	K - 12			
				060135-Hebrew K - 12	K - 12			
IB Second Language – Italian 320550	Based upon the most current International Baccalaureate Program curriculum.	FLR	HS - High School (7-12)	060213-Italian	7 - 12	AD - Adolescence to Young Adult	066013-Italian 7-12	7 - 12
			HS - High School (7-12)	066013-Italian 7-12	7 - 12	MA - Multi-Age	060245-Italian	P - 12
			SP - Special (K-12)	030213-	K - 12			
				060245-Italian	K - 12			
IB Second Language – Japanese 320600	Based upon the most current International Baccalaureate Program curriculum.	FLR	HS - High School (7-12)	060214-Japanese	7 - 12	AD - Adolescence to Young Adult	066014-Japanese 7-12	7 - 12
			HS - High School (7-12)	066014-Japanese 7-12	7 - 12	MA - Multi-Age	060250-Japanese	P - 12
			SP - Special (K-12)	060214-Japanese	K - 12			
				060250-Japanese	K - 12			
IB Second Language – Polish 320650	Based upon the most current International Baccalaureate Program curriculum.	FLR	HS - High School (7-12)	060216-Polish	7 - 12	AD - Adolescence to Young Adult	066016-Polish 7-12	7 - 12
			HS - High School (7-12)	066016-Polish 7-12	7 - 12	MA - Multi-Age	060255-Polish	P - 12
			SP - Special (K-12)	060216-Polish	K - 12			
				060255-Polish	K - 12			
IB Second Language – Russian 320700	Based upon the most current International Baccalaureate Program curriculum.	FLR	HS - High School (7-12)	060218-Russian	7 - 12	AD - Adolescence to Young Adult	060600-Russian	7 - 12
			HS - High School (7-12)	060600-Russian	7 - 12	AD - Adolescence to Young Adult	066090-Russian 7-12	7 - 12
			HS - High School (7-12)	066090-Russian 7-12	7 - 12	MA - Multi-Age	060625-Russian	P - 12
			SP - Special (K-12)	060025-	K - 12			
				060218-Russian	K - 12			
IB Second Language – Swahili 320750	Based upon the most current International Baccalaureate Program curriculum.	FLR	HS - High School (7-12)	060221-Swahili	7 - 12	AD - Adolescence to Young Adult	065021-Swahili 7-12	7 - 12
			HS - High School (7-12)	065021-Swahili 7-12	7 - 12	MA - Multi-Age	060225-Swahili K - 12	P - 12
			SP - Special (K-12)	060221-Swahili	K - 12			
				060225-Swahili K - 12	K - 12			

**Subject Area - International Baccalaureate**

Subject Area	Subject Definition	Suggested Subj Area for Credit	Certificate Type	Certificate Code	Certificate Grade Levels	License Type	License Code	License Grade Levels
IB Second Language – Spanish 320800	Based upon the most current International Baccalaureate Program curriculum.	FLR	HS - High School (7-12)	060219-Spanish	7 - 12	AD - Adolescence to Young Adult	066019-Spanish 7-12	7 - 12
			HS - High School (7-12)	066019-Spanish 7-12	7 - 12	MA - Multi-Age	060265-Spanish	P - 12
			SP - Special (K-12)	060219-Spanish	K - 12			
			SP - Special (K-12)	060265-Spanish	K - 12			
IB Classical Languages (Latin or Classical Greek) 320850	Based upon the most current International Baccalaureate Program curriculum.	FLR	HS - High School (7-12)	060105-Latin	7 - 12	AD - Adolescence to Young Adult	065005-Latin 7-12	7 - 12
			HS - High School (7-12)	060140-Greek	7 - 12	AD - Adolescence to Young Adult	065040-Greek 7-12	7 - 12
			HS - High School (7-12)	065005-Latin 7-12	7 - 12	MA - Multi-Age	060107-Latin	P - 12
			HS - High School (7-12)	065040-Greek 7-12	7 - 12	MA - Multi-Age	060150-Greek	P - 12
			SP - Special (K-12)	060105-Latin	K - 12			
			SP - Special (K-12)	060107-Latin	K - 12			
			SP - Special (K-12)	060140-Greek	K - 12			
			SP - Special (K-12)	060150-Greek	K - 12			
IB Business and Management 320900	Based upon the most current International Baccalaureate Program curriculum.	BUS	CH - Comprehensive High School	030325-Bookkeeping/Basic Business (9-12)	7 - 12	AD - Adolescence to Young Adult	030000-All Areas Of Business (7-12)	7 - 12
			HS - High School (7-12)	030000-All Areas Of Business (7-12)	7 - 12	AD - Adolescence to Young Adult	030300-Bookkeeping/Basic Business	7 - 12
			HS - High School (7-12)	030050-Business Education W/O Shorthand	7 - 12	CT - Career Technical	140300-Administrative/Office Technology	4 - 12
			HS - High School (7-12)	030300-Bookkeeping/Basic Business	7 - 12	CT - Career Technical	140550-Integrated Business	4 - 12
			VO - Vocational-Standard	140300-Administrative/Office Technology		CT - Career Technical	140800-Business Management	4 - 12
			VO - Vocational-Standard	149000-Voc. B.O.E. Comprehensive				
IB Economics 320950	Based upon the most current International Baccalaureate Program curriculum.	SOC	CH - Comprehensive High School	150310-All Areas Of Social Studies (7-8)	7 - 8	AD - Adolescence to Young Adult	150004-Integrated Social Studies	7 - 12
			CH - Comprehensive High School	150650-Economics (9-12)	7 - 12	AD - Adolescence to Young Adult	150600-Economics	7 - 12
			HS - High School (7-12)	150002-Comprehensive Social Studies	7 - 12	MC - Middle Childhood (4-9)	150003-Social Studies (4-9)	4 - 9
			HS - High School (7-12)	150600-Economics	7 - 12			
			MS - Middle School (4-9)	150003-Social Studies (4-9)	4 - 9			
IB Geography 321000	Based upon the most current International Baccalaureate Program curriculum.	SOC	CH - Comprehensive High School	150310-All Areas Of Social Studies (7-8)	7 - 8	AD - Adolescence to Young Adult	150004-Integrated Social Studies	7 - 12
			CH - Comprehensive High School	150710-Geography (9-12)	7 - 12	AD - Adolescence to Young Adult	150700-Geography	7 - 12
			HS - High School (7-12)	150002-Comprehensive Social Studies	7 - 12	MC - Middle Childhood (4-9)	150003-Social Studies (4-9)	4 - 9
			HS - High School (7-12)	150700-Geography	7 - 12			
			MS - Middle School (4-9)	150003-Social Studies (4-9)	4 - 9			
IB History 321050	Based upon the most current International Baccalaureate Program curriculum.	SOC	CH - Comprehensive High School	150310-All Areas Of Social Studies (7-8)	7 - 8	AD - Adolescence to Young Adult	150004-Integrated Social Studies	7 - 12
			CH - Comprehensive High School	150805-History (9-12)	7 - 12	AD - Adolescence to Young Adult	150800-History (7-12)	7 - 12
			HS - High School (7-12)	150002-Comprehensive Social Studies	7 - 12	MC - Middle Childhood (4-9)	150003-Social Studies (4-9)	4 - 9
			HS - High School (7-12)	150800-History (7-12)	7 - 12			
			MS - Middle School (4-9)	150003-Social Studies (4-9)	4 - 9			
IB Islamic History 321100	Based upon the most current International Baccalaureate Program curriculum.	SOC	CH - Comprehensive High School	150310-All Areas Of Social Studies (7-8)	7 - 8	AD - Adolescence to Young Adult	150004-Integrated Social Studies	7 - 12
			CH - Comprehensive High School	150805-History (9-12)	7 - 12	AD - Adolescence to Young Adult	150800-History (7-12)	7 - 12
			HS - High School (7-12)	150002-Comprehensive Social Studies	7 - 12	MC - Middle Childhood (4-9)	150003-Social Studies (4-9)	4 - 9
			HS - High School (7-12)	150800-History (7-12)	7 - 12			
			MS - Middle School (4-9)	150003-Social Studies (4-9)	4 - 9			
IB Information Technology in a Global Society (ITGS) 321150	Based upon the most current International Baccalaureate Program curriculum.	TEC	CH - Comprehensive High School	151220-Psychology/Sociology (9-12)	7 - 12	CT - Career Technical	160610-Technology Education	4 - 12
			HS - High School (7-12)	100000-General Industrial Technology (General Shop)	7 - 12			
			HS - High School (7-12)	101315-Industrial Technology 7-12	7 - 12			
			HS - High School (7-12)	102000-Industrial Arts 7-12	7 - 12			
			HS - High School (7-12)	150002-Comprehensive Social Studies	7 - 12			
			SP - Special (K-12)	100000-General Industrial Technology (General Shop)	K - 12			
IB Philosophy 321200	Based upon the most current International Baccalaureate Program curriculum.	N/A	CH - Comprehensive High School	150310-All Areas Of Social Studies (7-8)	7 - 8	AD - Adolescence to Young Adult	150004-Integrated Social Studies	7 - 12
			HS - High School (7-12)	150002-Comprehensive Social Studies	7 - 12	AD - Adolescence to Young Adult	151215-Psychology/Sociology	7 - 12
			HS - High School (7-12)	150900-All Areas Of Humanities (7-12)	7 - 12	MC - Middle Childhood (4-9)	150003-Social Studies (4-9)	4 - 9
			MS - Middle School (4-9)	150003-Social Studies (4-9)	4 - 9			
IB Psychology 321250	Based upon the most current International Baccalaureate Program curriculum.	SOC	CH - Comprehensive High School	150310-All Areas Of Social Studies (7-8)	7 - 8	AD - Adolescence to Young Adult	150004-Integrated Social Studies	7 - 12
			CH - Comprehensive High School	151220-Psychology/Sociology (9-12)	7 - 12	AD - Adolescence to Young Adult	151215-Psychology/Sociology	7 - 12
			HS - High School (7-12)	150002-Comprehensive Social Studies	7 - 12	MC - Middle Childhood (4-9)	150003-Social Studies (4-9)	4 - 9
			HS - High School (7-12)	151205-Social Psychology	7 - 12			
			HS - High School (7-12)	151215-Psychology/Sociology	7 - 12			
			MS - Middle School (4-9)	150003-Social Studies (4-9)	4 - 9			
IB Social and Cultural Anthropology 321300	Based upon the most current International Baccalaureate Program curriculum.	SOC	CH - Comprehensive High School	150150-Anthropology (9-12)	7 - 12	AD - Adolescence to Young Adult	150004-Integrated Social Studies	7 - 12
			HS - High School (7-12)	150002-Comprehensive Social Studies	7 - 12	MC - Middle Childhood (4-9)	150003-Social Studies (4-9)	4 - 9
			HS - High School (7-12)	150100-Anthropology	7 - 12			
			MS - Middle School (4-9)	150003-Social Studies (4-9)	4 - 12			

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Subject Area	Subject Definition	Suggested Subj Area for Credit	Certificate Type	Certificate Code	Certificate Grade Levels	License Type	License Code	License Grade Levels
IB Biology 321350	Based upon the most current International Baccalaureate Program curriculum.	SCI	CH - Comprehensive High School	130205-Biological Science (9-12)	7 - 12	AD - Adolescence to Young Adult	132010-Integrated Science	7 - 12
			HS - High School (7-12)	130000-Comprehensive Science (7-12)	7 - 12	AD - Adolescence to Young Adult	132030-Life Sciences	7 - 12
			HS - High School (7-12)	130200-Biological Science	7 - 12	AD - Adolescence to Young Adult	132034-Life Sciences/Earth Sciences	7 - 12
						AD - Adolescence to Young Adult	132035-Life Sciences/Physics	7 - 12
IB Chemistry 321400	Based upon the most current International Baccalaureate Program curriculum.	SCI	CH - Comprehensive High School	130312-Chemistry (9-12)	7 - 12	AD - Adolescence to Young Adult	132010-Integrated Science	7 - 12
			HS - High School (7-12)	130000-Comprehensive Science (7-12)	7 - 12	AD - Adolescence to Young Adult	132020-Physical Science/Physics & Chemistry	7 - 12
			HS - High School (7-12)	130300-Physical Science	7 - 12	AD - Adolescence to Young Adult	132036-Life Sciences/Chemistry	7 - 12
			HS - High School (7-12)	130301-Chemistry	7 - 12	AD - Adolescence to Young Adult	132036-Life Sciences/Chemistry	7 - 12
IB Physics 321450	Based upon the most current International Baccalaureate Program curriculum.	SCI	CH - Comprehensive High School	130322-Physics (9-12)	7 - 12	AD - Adolescence to Young Adult	132010-Integrated Science	7 - 12
			HS - High School (7-12)	130000-Comprehensive Science (7-12)	7 - 12	AD - Adolescence to Young Adult	132020-Physical Science/Physics & Chemistry	7 - 12
			HS - High School (7-12)	130300-Physical Science	7 - 12	AD - Adolescence to Young Adult	132045-Earth Sciences/Physics	7 - 12
			HS - High School (7-12)	130302-Physics	7 - 12	AD - Adolescence to Young Adult	132045-Earth Sciences/Physics	7 - 12
IB Design Technology 321500	Based upon the most current International Baccalaureate Program curriculum.	TEC	HS - High School (7-12)	100000-General Industrial Technology (General Shop)	7 - 12	CT - Career Technical	160000-Technical Education	4 - 12
			HS - High School (7-12)	101315-Industrial Technology 7-12	7 - 12			
			HS - High School (7-12)	102000-Industrial Arts 7-12	7 - 12			
			SP - Special (K-12)	100000-General Industrial Technology (General Shop)	K - 12			
			SP - Special (K-12)	100005-Industrial Arts K - 12	K - 12			
			SP - Special (K-12)	101320-Industrial Technology K-12	K - 12			
IB Environmental Systems 321550	Based upon the most current International Baccalaureate Program curriculum.	SCI	CH - Comprehensive High School	130205-Biological Science (9-12)	7 - 12	AD - Adolescence to Young Adult	132010-Integrated Science	7 - 12
			CH - Comprehensive High School	130410-Earth Science (9-12)	7 - 12	AD - Adolescence to Young Adult	132030-Life Sciences	7 - 12
			HS - High School (7-12)	130000-Comprehensive Science (7-12)	7 - 12	AD - Adolescence to Young Adult	132034-Life Sciences/Earth Sciences	7 - 12
			HS - High School (7-12)	130200-Biological Science	7 - 12	AD - Adolescence to Young Adult	132035-Life Sciences/Physics	7 - 12
			HS - High School (7-12)	130400-Earth Science	7 - 12	AD - Adolescence to Young Adult	132036-Life Sciences/Chemistry	7 - 12
						AD - Adolescence to Young Adult	132040-Earth Sciences	7 - 12
IB Computer Science 321600	Based upon the most current International Baccalaureate Program curriculum.	TEC	ANY STANDARD CERTIFICATE/LICENSE	111700-Computer Science	K - 12	ANY STANDARD CERTIFICATE/LICENSE	111770-Computer Technology	K - 12
			ANY STANDARD CERTIFICATE/LICENSE	111750-Computer Science K-12	K - 12	AD - Adolescence to Young Adult	111700-Computer Science	7 - 12
			ANY STANDARD CERTIFICATE/LICENSE	111770-Computer Technology	K - 12	CT - Career Technical	140200-Business Information Technology	4 - 12
			VO - Vocational-Standard	140200-Business Information Technology		MA - Multi-Age	111780-Computer Information Science	P - 12
IB Visual Arts 321650	Based upon the most current International Baccalaureate Program curriculum.	FAR	HS - High School (7-12)	020015-Art (Visual) 7-12	7 - 12	AD - Adolescence to Young Adult	020015-Art (Visual) 7-12	7 - 12
			HS - High School (7-12)	020300-Visual Art	7 - 12	MA - Multi-Age	020012-Visual Art	P - 12
			SP - Special (K-12)	020012-Visual Art	K - 12			
			SP - Special (K-12)	020300-Visual Art	K - 12			
IB Music 321700	Based upon the most current International Baccalaureate Program curriculum.	FAR	HS - High School (7-12)	120010-Music 7-12	7 - 12	AD - Adolescence to Young Adult	120010-Music 7-12	7 - 12
			SP - Special (K-12)	120050-Music	K - 12	MA - Multi-Age	120050-Music	P - 12
IB Theatre Arts 321750	Based upon the most current International Baccalaureate Program curriculum.	FAR	ANY STANDARD CERTIFICATE/LICENSE	050338-Drama/Theater	K - 12	AD - Adolescence to Young Adult	050337-Drama/Theater	7 - 12
			CH - Comprehensive High School	050347-Drama/Theatre (9-12)	7 - 12	MA - Multi-Age	050338-Drama/Theater	P - 12
			CH - Comprehensive High School	059950-All Areas Of Communications (7-8)	7 - 8			
			HS - High School (7-12)	050337-Drama/Theater	7 - 12			
			HS - High School (7-12)	050600-Theatre Arts	7 - 12			
IB Mathematics (Middle Years - Grades 7-8) 321800	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8)		1 - 8	AD - Adolescence to Young Adult	110000-Mathematics	7 - 12
			HS - High School (7-12)	110000-Mathematics	7 - 12	AD - Adolescence to Young Adult	110094-Integrated Mathematics	7 - 12
			KE - Kindergarten-Elementary (K-8)		K - 8	MC - Middle Childhood (4-9)	110100-Mathematics (4-9)	4 - 9
			KP - Kindergarten-Primary (K-3)	180100-Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)	180106-Kindergarten-Elementary	K - 8			
			MS - Middle School (4-9)	110100-Mathematics (4-9)	4 - 9			
IB Mathematics (Middle Years - Grades 4-6) 321850	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8)		1 - 8	MC - Middle Childhood (4-9)	110100-Mathematics (4-9)	4 - 9
			KE - Kindergarten-Elementary (K-8)		K - 8	MC - Middle Childhood (4-9)	110155-Middle Childhood Generalist Mathematics 4-6	4 - 6
			KP - Kindergarten-Primary (K-3)	180100-Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)	180106-Kindergarten-Elementary	K - 8			
			MS - Middle School (4-9)	110100-Mathematics (4-9)	4 - 9			
			MS - Middle School (4-9)	110155-Middle Childhood Generalist Mathematics 4-6	4 - 6			

**Subject Area - International Baccalaureate**

Subject Area	Subject Definition	Suggested Subj Area for Credit	Certificate Type	Certificate Code	Certificate Grade Levels	License Type	License Code	License Grade Levels
IB Language Arts A (Middle Years - Grades 7-8) 321900	Based upon the most current International Baccalaureate Program curriculum.	N/A	CH - Comprehensive High School	059950-All Areas Of Communications (7-8)	7 - 8	AD - Adolescence to Young Adult	050000-English	7 - 12
			EL - Elementary (1-8)		1 - 8	AD - Adolescence to Young Adult	050145-Integrated Language Arts	7 - 12
			HS - High School (7-12)	050000-English	7 - 12	MC - Middle Childhood (4-9)	050150-Language Arts & Reading (4-9)	4 - 9
			HS - High School (7-12)	059901-Comprehensive Communications	7 - 12			
			KE - Kindergarten-Elementary (K-8)		K - 8			
			KP - Kindergarten-Primary (K-3)	180100-Elementary	K - 8			
IB Language Arts A (Middle Years - Grades 4-6) 321950	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8)		1 - 8	MC - Middle Childhood (4-9)	050150-Language Arts & Reading (4-9)	4 - 9
			KE - Kindergarten-Elementary (K-8)		K - 8	MC - Middle Childhood (4-9)	050155-Middle Childhood Generalist Language Arts and Reading 4-6	4 - 6
			KP - Kindergarten-Primary (K-3)	180100-Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)	180106-Kindergarten-Elementary	K - 8			
			MS - Middle School (4-9)	050150-Language Arts & Reading (4-9)	4 - 9			
			MS - Middle School (4-9)	050155-Middle Childhood Generalist Language Arts and Reading 4-6	4 - 6			
IB Language Arts B (Middle Years - Grades 7-8) 322000	Based upon the most current International Baccalaureate Program curriculum.	N/A	CH - Comprehensive High School	059950-All Areas Of Communications (7-8)	7 - 8	AD - Adolescence to Young Adult	050000-English	7 - 12
			EL - Elementary (1-8)		1 - 8	AD - Adolescence to Young Adult	050145-Integrated Language Arts	7 - 12
			HS - High School (7-12)	050000-English	7 - 12	MC - Middle Childhood (4-9)	050150-Language Arts & Reading (4-9)	4 - 9
			HS - High School (7-12)	059901-Comprehensive Communications	7 - 12			
			KE - Kindergarten-Elementary (K-8)		K - 8			
			KP - Kindergarten-Primary (K-3)	180100-Elementary	K - 8			
IB Language Arts B (Middle Years - Grades 4-6) 322050	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8)		1 - 8	MC - Middle Childhood (4-9)	050150-Language Arts & Reading (4-9)	4 - 9
			KE - Kindergarten-Elementary (K-8)		K - 8	MC - Middle Childhood (4-9)	050155-Middle Childhood Generalist Language Arts and Reading 4-6	4 - 6
			KP - Kindergarten-Primary (K-3)	180100-Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)	180106-Kindergarten-Elementary	K - 8			
			MS - Middle School (4-9)	050150-Language Arts & Reading (4-9)	4 - 9			
			MS - Middle School (4-9)	150155-Middle Childhood Generalist Social Studies 4-6	4 - 6			
IB Humanities (Middle Years - Grades 7-8) 322100	Based upon the most current International Baccalaureate Program curriculum.	N/A	CH - Comprehensive High School	150310-All Areas Of Social Studies (7-8)	7 - 8	AD - Adolescence to Young Adult	150004-Integrated Social Studies	7 - 12
			HS - High School (7-12)	150002-Comprehensive Social Studies	7 - 12	MC - Middle Childhood (4-9)	150003-Social Studies (4-9)	4 - 9
			HS - High School (7-12)	150900-All Areas Of Humanities (7-12)	7 - 12			
			MS - Middle School (4-9)	150003-Social Studies (4-9)	4 - 9			
IB Humanities (Middle Years - Grades 4-6) 322150	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8)		1 - 8	MC - Middle Childhood (4-9)	150003-Social Studies (4-9)	4 - 9
			KE - Kindergarten-Elementary (K-8)		K - 8	MC - Middle Childhood (4-9)	150155-Middle Childhood Generalist Social Studies 4-6	4 - 6
			KP - Kindergarten-Primary (K-3)	180100-Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)	180106-Kindergarten-Elementary	K - 8			
			MS - Middle School (4-9)	150003-Social Studies (4-9)	4 - 9			
			MS - Middle School (4-9)	150155-Middle Childhood Generalist Social Studies 4-6	4 - 6			
IB Technology (Middle Years - Grades 7-8) 322200	Based upon the most current International Baccalaureate Program curriculum.	N/A	HS - High School (7-12)	100000-General Industrial Technology (General Shop)	7 - 12	CT - Career Technical	160610-Technology Education	4 - 12
			HS - High School (7-12)	101315-Industrial Technology 7-12	7 - 12			
			HS - High School (7-12)	102000-Industrial Arts 7-12	7 - 12			
			SP - Special (K-12)	100000-General Industrial Technology (General Shop)	K - 12			
			SP - Special (K-12)	100005-Industrial Arts K - 12	K - 12			
			SP - Special (K-12)	101320-Industrial Technology K-12	K - 12			
IB Technology (Middle Years - Grades 4-6) 322250	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8)		1 - 8	CT - Career Technical	160610-Technology Education	4 - 12
			KE - Kindergarten-Elementary (K-8)		K - 8			
			KP - Kindergarten-Primary (K-3)	180100-Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)	180106-Kindergarten-Elementary	K - 8			
			SP - Special (K-12)	100000-General Industrial Technology (General Shop)	K - 12			
			SP - Special (K-12)	100005-Industrial Arts K - 12	K - 12			
IB Arts (Middle Years - Grades 7-8) 322300	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8)		1 - 8	AD - Adolescence to Young Adult	020015-Art (Visual) 7-12	7 - 12
			EL - Elementary (1-8)	180106-Kindergarten-Elementary	K - 8	MA - Multi-Age	020012-Visual Art	P - 12
			EL - Elementary (1-8)	180120-Art (Visual) Elementary	1 - 8			
			HS - High School (7-12)	020015-Art (Visual) 7-12	7 - 12			
			HS - High School (7-12)	020300-Visual Art	7 - 12			
			KE - Kindergarten-Elementary (K-8)		K - 8			
			KE - Kindergarten-Elementary (K-8)	180120-Art (Visual) Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)	180100-Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)	180106-Kindergarten-Elementary	K - 8			

**Subject Area - International Baccalaureate**

Subject Area	Subject Definition	Suggested Subj Area for Credit	Certificate Type	Certificate Code	Certificate Grade Levels	License Type	License Code	License Grade Levels
IB Arts (Middle Years - Grades 7-8) 322300			KP - Kindergarten-Primary (K-3) SP - Special (K-12) SP - Special (K-12)	180120-Art (Visual) Elementary 020012-Visual Art 020300-Visual Art	K - 8 K - 12 K - 12			
IB Arts (Middle Years - Grades 4-6) 322350	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8) EL - Elementary (1-8) EL - Elementary (1-8) KE - Kindergarten-Elementary (K-8) KE - Kindergarten-Elementary (K-8) KP - Kindergarten-Primary (K-3) KP - Kindergarten-Primary (K-3) KP - Kindergarten-Primary (K-3) SP - Special (K-12) SP - Special (K-12)	180106-Kindergarten-Elementary 180120-Art (Visual) Elementary 180120-Art (Visual) Elementary 180120-Art (Visual) Elementary 180100-Elementary 180106-Kindergarten-Elementary 180120-Art (Visual) Elementary 020012-Visual Art 020300-Visual Art	1 - 8 K - 8 1 - 8 K - 8 K - 8 K - 8 K - 8 K - 12 K - 12	MA - Multi-Age	020012-Visual Art	P - 12
IB Sciences (Middle Years - Grades 7-8) 322400	Based upon the most current International Baccalaureate Program curriculum.	N/A	CH - Comprehensive High School EL - Elementary (1-8) HS - High School (7-12) HS - High School (7-12) HS - High School (7-12) HS - High School (7-12) HS - High School (7-12) HS - High School (7-12) HS - High School (7-12) KE - Kindergarten-Elementary (K-8) KP - Kindergarten-Primary (K-3) KP - Kindergarten-Primary (K-3) MS - Middle School (4-9)	130175-All Areas Of Science (7-8) 130000-Comprehensive Science (7-12) 130100-General Science 130200-Biological Science 130301-Chemistry 130302-Physics 130400-Earth Science 180100-Elementary 180106-Kindergarten-Elementary 130102-Science (4-9)	7 - 8 1 - 8 7 - 12 7 - 12 7 - 12 7 - 12 7 - 12 7 - 12 K - 8 K - 8 K - 8 4 - 9	AD - Adolescence to Young Adult AD - Adolescence to Young Adult AD - Adolescence to Young Adult AD - Adolescence to Young Adult AD - Adolescence to Young Adult AD - Adolescence to Young Adult AD - Adolescence to Young Adult AD - Adolescence to Young Adult AD - Adolescence to Young Adult AD - Adolescence to Young Adult AD - Adolescence to Young Adult	130100-General Science 132010-Integrated Science 132020-Physical Science/Physics & Chemistry 132030-Life Sciences 132034-Life Sciences/Earth Sciences 132035-Life Sciences/Physics 132036-Life Sciences/Chemistry 132040-Earth Sciences 132045-Earth Sciences/Physics 132150-Physical Sciences: Chemistry 132160-Physical Sciences: Physics 130102-Science (4-9)	7 - 12 7 - 12 7 - 12 7 - 12 7 - 12 7 - 12 7 - 12 7 - 12 7 - 12 7 - 12 7 - 12 4 - 9
IB Sciences (Middle Years - Grades 4-6) 322450	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8) KE - Kindergarten-Elementary (K-8) KP - Kindergarten-Primary (K-3) KP - Kindergarten-Primary (K-3) MS - Middle School (4-9) MS - Middle School (4-9)	180100-Elementary 180106-Kindergarten-Elementary 130102-Science (4-9) 130155-Middle Childhood Generalist Science 4-6	1 - 8 K - 8 K - 8 K - 8 4 - 9 4 - 6	MC - Middle Childhood (4-9) MC - Middle Childhood (4-9)	130102-Science (4-9) 130155-Middle Childhood Generalist Science 4-6	4 - 9 4 - 6
IB Physical Education (Middle Years - Grades 7-8) 322500	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8) EL - Elementary (1-8) EL - Elementary (1-8) EL - Elementary (1-8) HS - High School (7-12) HS - High School (7-12) HS - High School (7-12) HS - High School (7-12) KE - Kindergarten-Elementary (K-8) KE - Kindergarten-Elementary (K-8) KE - Kindergarten-Elementary (K-8) KP - Kindergarten-Primary (K-3) KP - Kindergarten-Primary (K-3) KP - Kindergarten-Primary (K-3) KP - Kindergarten-Primary (K-3) SP - Special (K-12) SP - Special (K-12)	180105-Kindergarten-Primary 180106-Kindergarten-Elementary 180180-Physical Education-Elementary 500070-Physical Education, Elementary 080300-Physical Education 080310-Physical Education 7 - 12 180180-Physical Education-Elementary 500070-Physical Education, Elementary 180180-Physical Education-Elementary 500070-Physical Education, Elementary 180180-Physical Education-Elementary 500070-Physical Education, Elementary 180180-Physical Education-Elementary 500070-Physical Education, Elementary 080300-Physical Education 080305-Physical Education	K - 8 K - 8 1 - 8 K - 8 7 - 12 7 - 12 K - 8 K - 8 K - 8 K - 8 K - 8 K - 8 K - 8 K - 8 K - 12 K - 12	MA - Multi-Age	080305-Physical Education	P - 12
IB Physical Education (Middle Years - Grades 4-6) 322550	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8) EL - Elementary (1-8) EL - Elementary (1-8) EL - Elementary (1-8) HS - High School (7-12) HS - High School (7-12) HS - High School (7-12) HS - High School (7-12) KE - Kindergarten-Elementary (K-8) KE - Kindergarten-Elementary (K-8) KE - Kindergarten-Elementary (K-8) KP - Kindergarten-Primary (K-3) KP - Kindergarten-Primary (K-3) KP - Kindergarten-Primary (K-3) SP - Special (K-12) SP - Special (K-12)	180105-Kindergarten-Primary 180106-Kindergarten-Elementary 180180-Physical Education-Elementary 500070-Physical Education, Elementary 080300-Physical Education 080310-Physical Education 7 - 12 180180-Physical Education-Elementary 500070-Physical Education, Elementary 180180-Physical Education-Elementary 500070-Physical Education, Elementary 180180-Physical Education-Elementary 500070-Physical Education, Elementary 180100-Elementary 180106-Kindergarten-Elementary	1 - 8 K - 8 K - 8 K - 8 7 - 12 7 - 12 K - 8 K - 8 K - 8 K - 8 K - 8 K - 8 K - 8 K - 8 K - 8	MA - Multi-Age	080305-Physical Education	P - 12

**Subject Area - International Baccalaureate**

Subject Area	Subject Definition	Suggested Subj Area for Credit	Certificate Type	Certificate Code	Certificate Grade Levels	License Type	License Code	License Grade Levels
IB Physical Education (Middle Years - Grades 4-6) 322550			KP - Kindergarten-Primary (K-3)	180180-Physical Education-Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)	500070-Physical Education, Elementary	K - 8			
			SP - Special (K-12)	080300-Physical Education	K - 12			
			SP - Special (K-12)	080305-Physical Education	K - 12			
IB Mathematics (Primary Years - Grades 1-3) 322600	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8)		1 - 8	EC - Early Childhood (PS-3)		P - 3
			EL - Elementary (1-8)	180106-Kindergarten-Elementary	K - 8			
			KE - Kindergarten-Elementary (K-8)		K - 8			
			KP - Kindergarten-Primary (K-3)		K - 3			
IB Language (Primary Years - Grades 1-3) 322650	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8)		1 - 8	EC - Early Childhood (PS-3)		P - 3
			EL - Elementary (1-8)	180105-Kindergarten-Primary	K - 8			
			EL - Elementary (1-8)	180106-Kindergarten-Elementary	K - 8			
			KE - Kindergarten-Elementary (K-8)		K - 8			
IB Social Studies (Primary Years - Grades 1-3) 322700	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8)		1 - 8	EC - Early Childhood (PS-3)		P - 3
			EL - Elementary (1-8)	180105-Kindergarten-Primary	K - 8			
			EL - Elementary (1-8)	180106-Kindergarten-Elementary	K - 8			
			KE - Kindergarten-Elementary (K-8)		K - 8			
IB Arts (Primary Years - Grades 1-3) 322750	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8)		1 - 8	MA - Multi-Age	020012-Visual Art	P - 12
			EL - Elementary (1-8)	180106-Kindergarten-Elementary	K - 8			
			EL - Elementary (1-8)	180120-Art (Visual) Elementary	K - 8			
			KE - Kindergarten-Elementary (K-8)		K - 8			
IB Science & Technology (Primary Years - Grades 1-3) 322800	Based upon the most current International Baccalaureate Program curriculum.	N/A	KE - Kindergarten-Elementary (K-8)	180120-Art (Visual) Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)		K - 3			
			KP - Kindergarten-Primary (K-3)	180100-Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)	180106-Kindergarten-Elementary	K - 8			
IB Personal, Social & Physical Education (Primary Years - Grades 1-3) 322850	Based upon the most current International Baccalaureate Program curriculum.	N/A	KP - Kindergarten-Primary (K-3)	180120-Art (Visual) Elementary	K - 8			
			SP - Special (K-12)	020012-Visual Art	K - 12			
			SP - Special (K-12)	020300-Visual Art	K - 12			
			EL - Elementary (1-8)		1 - 8	EC - Early Childhood (PS-3)		P - 3
IB Personal, Social & Physical Education (Primary Years - Grades 1-3) 322850	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8)	180105-Kindergarten-Primary	K - 8	MA - Multi-Age	080305-Physical Education	P - 12
			EL - Elementary (1-8)	180106-Kindergarten-Elementary	K - 8			
			EL - Elementary (1-8)	180180-Physical Education-Elementary	K - 8			
			EL - Elementary (1-8)	500070-Physical Education, Elementary	K - 8			
IB Personal, Social & Physical Education (Primary Years - Grades 1-3) 322850	Based upon the most current International Baccalaureate Program curriculum.	N/A	EL - Elementary (1-8)	180180-Physical Education-Elementary	K - 8			
			EL - Elementary (1-8)	500070-Physical Education, Elementary	K - 8			
			HS - High School (7-12)	180180-Physical Education-Elementary	K - 8			
			HS - High School (7-12)	500070-Physical Education, Elementary	K - 8			
			KE - Kindergarten-Elementary (K-8)		K - 8			
			KE - Kindergarten-Elementary (K-8)	180180-Physical Education-Elementary	K - 8			
			KE - Kindergarten-Elementary (K-8)	500070-Physical Education, Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)		K - 3			
			KP - Kindergarten-Primary (K-3)	180100-Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)	180106-Kindergarten-Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)	180180-Physical Education-Elementary	K - 8			
			KP - Kindergarten-Primary (K-3)	500070-Physical Education, Elementary	K - 8			
			SP - Special (K-12)	080300-Physical Education	K - 12			
			SP - Special (K-12)	080305-Physical Education	K - 12			