Table 5 Unit Assessment System: Transition Point Assessments

	Advanced Teacher Preparation Programs						
	Admission	Candidacy	Prior to Entering Advanced Coursework / Culminating Experience	Prior to Exiting Advanced Coursework / Culminating Experience	Upon Program Completion		
Advanced I	Programs for Licensed Teachers						
Art Education (K-12) M.S. Ed	 Candidates for the M.S. Ed. must adhere to the following Admissions requirements: 1. Bachelor's degree from an accredited college or university with minimum GPA of 3.0 in the major area of study and 2.5 overall or minimum combined quantitative/verbal score of 1000on the GRE exam. 2. Copy of NYS Certificate of Qualification (CQ), provisional certificate, or initial certificate to teach art, or documentation to prove completion of all requirements (i.e. test scores, workshop certificates) 3. Interview with AED Chair. 	Clinical practice in the form of pre- practicum and student teaching is completed with initial certification. M.S. Ed. candidates hold initial/ provisional certificates and most have teaching jobs in schools. NYS guidelines require completion of master's degree within a five-year period following initial certification. Candidates must be teaching full-time three of the five years. Admission to candidacy is required after the completion of 6-12 hours of coursework. For admission to candidacy, students complete on-line form, listing coursework taken, and propose coursework to meet requirements of 30 hours. Students complete admission to candidacy with faculty advisor. Student, advisor, department chair, dean, and graduate studies office review admission to candidacy before a student can proceed in the program.	Completion of Required Courses: (6 credits) AED 688: Seminar AED 689 Research	Completion of Required Master's Project or Master's Thesis: (3-6 credits) AED 690: Master's Project AED 695: Master's Thesis	Candidates must complete the total 30 required credit hours with three core courses of which 6 credits are required in AED 688 and AED689, 15-21 in content specialty courses in art education, fine arts, design; 0-6 credits in general studies; 3 credits in AED 690 Master's Project or 3-6 credits in AED 695 Master's Thesis.		
English Education (7-12) M.S. Ed	Candidates must have 1. A bachelor's degree from an accredited college or university with a minimum cumulative GPA of 2.75	All students must apply for candidacy after the completion of 6 credit hours and before the completion of 12 credit hours.	Completion of English Education and Professional Education Courses:	Completion of Master's Project, Master's Thesis, or Comprehensive Examination:	9-15 credits of English Courses (At least 3 courses must be in literature). 15-21 credits of English Education and		
	2. A New York State Certificate of Qualification, provisional	A minimum cumulative GPA of 3.0 in all graduate level coursework. No	(15-21 credits) EDF 500	Students must complete	Professional Education Courses. 0-6 Master's		

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Advanced Teacher Preparation Programs						
	 certificate, or initial certificate to teach English in grades 7-12 3. 36 credit hours in English beyond freshman composition, including preparation in linguistics, young adult literature, American literature (including ethnic American literature), British literature (including Shakespeare), and World literature. 4. 27 credit hours in professional education, including secondary English method and student teaching in middle or secondary schools 	grade lower than C is acceptable to meet degree requirements.	Multicultural Education ENG 691 Advanced Study in the Teaching of English Or ENG 692 Teaching of Writing ENG 693 Research in the Teaching of English And Two additional English Education and/or Professional	 a) the master's thesis, a traditional in-depth exploration, usually of a literary topic and/or theme b) complete a master's project consisting of applied research in English education or c) take an English comprehensive examination. 	Project, Master's Thesis, or Comprehensive Examination. Candidates must successfully complete 30 required credit hours.	
Business and Marketing Education M.S. Ed	 Candidates must have Business-related bachelor degree from an accredited institution that contains a minimum of 36 credit hours in business-content courses. Initial certification in Business & Marketing Education from New York State Department of Education. Minimum GPA of 2.5. Resume, two letters of recommendation, & essay of intent (including interest in teaching, and background in business, and education.) 	 Completion of at least 6 credit hours of graduate-level coursework at Buffalo State. Completion of all required prerequisite courses. A minimum of 15 credit hours of coursework at the 6 or 700 level (required for all programs) 	Education courses. Completion of Required Professional Courses: (18 credits) BME 600 Principles of Business and Marketing Education; BME 601 Research Seminar Or EDF 689 Methods and Techniques of Educational Research; BME 602 Curriculum Development and	Completion of Mater's Project: CTE 690 Master's Project Or EDF 690 Master's Project	Candidates must successfully complete all required coursework for the masters program (33 credit hours) maintaining no lower than a 3.0 average. This program includes an empirically- based master's project on a business education- related topic.	

		Auvanceu Teacher Freparatio	0		· · · · · · · · · · · · · · · · · · ·
			Planning in Business		
			and Marketing		
			Education;		
			BME 604 Improving		
			Instruction in		
			Business and		
			Marketing;		
			BME 605 Evaluation		
			in Business and		
			Marketing Education		
Career and	Candidates must have	1. Completion of at least 6 credit hours	Completion of	Completion of Research	Candidates must
Technical	• Initial certification in a Career &	of graduate-level coursework at	Required Courses:	and Master's Project or	complete all required
Education	Technical Education Subject from	Buffalo State.	1	Master's Thesis:	coursework maintaining
M.S. Ed	New York State Department of	2. Completion of all required	BUS 602 or BUS 603		no lower than a 3.0
	Education.	prerequisite courses.	Curriculum	BUS 601/EDF 689	average. Includes
		3. A minimum of 15 credit hours of	Development and	Research Seminar:	research-based master's
		coursework at the 6 or 700 level	Planning;	Occupational	project on related topic.
		(required for all programs)	EDF 611 Evaluation	Education;	1 5 1
			in Occupational	CTE 690 Master's	
			Education	Project	
			Completion of	Or	
			Elective Courses:		
			15-18 credits	CTE 695 Master's	
				Thesis	
Childhood	1. A bachelor's degree from an accredited	Candidates review their Scorecards	Completion of	Completion of Research	Candidates must prepare
and Early	college or university with a minimum	with graduate faculty between 6-12	Seminar:	and Master's Project:	an action-based research
Childhood	cumulative GPA of 2.5 (4.0 scale), or a	hours completed to adjust their			proposal that provides
Curriculum	minimum combined quantitative /verbal	schedules to address all performance	EDU 501 Seminar for	(6 credits)	evidence of their
& Instruction	score of 1000 on the Graduate Record	indicators in the National Standards	the Reflective Teacher	EDF 689 Methods and	accomplishment of the
M.S. Ed	Exam	for Professional Teaching; Candidates		Techniques of	performance indicators
	2. A NYS Certificate of Qualification (CQ)	may advance following the successful	Completion of	Educational Research;	articulated for the
	or provisional in elementary education,	declaration of candidacy which	Multicultural	EDU 690 Master's	National Standards as
	or initial certification in early childhood	requires a GPA of 3.0 or higher in 6-	Perspectives and	Project	articulated in the
	education. You must submit a copy of	12 hours of graduate work with no	Diversity Courses		Scorecard. Graduate
	your certification to the Elementary	grade of C or below in the first 4	(6 credits)		advisors review the
	Education and Reading Department by	courses.			proposals for
	the time you apply for degree candidacy		Completion of		advancement to the
	and time you uppig for degree candidady	1	completion of	1	uavancement to the

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	(after completing 6 credits and before		Curriculum and		project level. Successful
	completing 12 credits).		Instructional		completion of the project
	3. A word-processed statement of		Development Courses		in publishable format is
	professional goals, interests, and		(9 credits)		the culminating
	relevant professional experience.				assessment for all
	4. Three letters of reference on special		Completion of		majors.
	department forms that attest to		Content Distribution		
	applicant's performance or potential as		Courses		
	a teacher.		(12 credits)		
	5. Personal interview				
	EDU 501: Advanced candidates begin self-				
	assessment & advisement Scorecard.				
Childhood	1. A bachelor's degree from an accredited	To earn a graduate degree or certificate	Completion of	Completion of Research	Degree programs require
Education	college or university with a minimum	a student must maintain a minimum	Seminar:	and Master's Project:	a master's project.
(Grades 1-6)	cumulative GPA of 2.5 (4.0 scale), or a	cumulative GPA of 3.0 (B) on a 4.0		5	Successful completion of
M.S. Ed	minimum combined quantitative /verbal	scale in all graduate courses completed	EDU 501 Seminar for	(6 credits)	the project in publishable
	score of 1000 on the Graduate Record	at the college. Grades received for	the Reflective Teacher	EDF 689 Methods and	format is the culminating
	Exam	coursework completed at another		Techniques of	assessment for all
	2. A New York State Certificate of	institution through cross registration	Completion of	Educational Research;	majors.
	Qualification (CQ) or provisional in	are included in the average. Transfer	Multicultural	EDU 690 Master's	-
	elementary education, or initial	credits are not included in the average.	Perspectives and	Project	
	certification in early childhood	No more than 9 credit hours with a	Diversity Courses		
	education. You must submit a copy of	grade of C can be accepted toward a	(6 credits)		
	your certification to the Elementary	master's degree. Grades of C- or lower			
	Education & Reading Department by	are not used to satisfy degree	Completion of		
	the time you apply for degree candidacy	requirements. Grades of C- or lower	Foundation Courses		
	(after completing 6 credits & before	may be repeated.	(3 credits)		
	completing 12 credits).	• •			
	3. A word-processed statement of		Completion of		
	professional goals, interests, and		Curriculum Courses		
	relevant professional experience.		(6 credits)		
	4. 3 letters of reference on special dept				
	forms that attest to applicant's		Completion of		
	performance/potential as teacher.		Literacy Course		
	5. A personal interview		(3 credits		
			Completion of		
	l	I	completion of	l	L

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			Methods and		
			Practicum Course		
			(6 credits)		
			Completion of		
			Elective Course		
			(3 credits)		
Early	1. A bachelor's degree from an accredited	To earn a graduate degree or certificate	Completion of	Completion of Research	Degree programs require
Childhood	college or university with a minimum	a student must maintain a minimum	Seminar:	and Master's Project:	a master's project or
Education	cumulative GPA of 2.5 (4.0 scale), or a	cumulative GPA of 3.0 (B) on a 4.0	Semmar.	and Waster's Project.	thesis as evidence of
		. ,	EDU 501 Seminar for	(f_{1}, \dots, I_{n})	
(Birth-Grade	minimum combined quantitative /verbal	scale in all graduate courses completed		(6 credits)	mastery of the chosen
2)	score of 1000 on the Graduate Record	at the college. Grades received for	the Reflective Teacher	EDF 689 Methods and	field.
M.S. Ed	Exam	coursework completed at another		Techniques of	
	2. A New York State Certificate of	institution through cross registration	Completion of	Educational Research;	NAEYC Standards
	Qualification (CQ) or provisional in	are included in the average. Transfer	Multicultural	EDU 690 Master's	Portfolio Exit Interview.
	elementary education, or initial	credits are not included in the average.	Perspectives and	Project	
	certification in childhood education.	No more than 9 credit hours with a	Diversity Courses		
	You must submit a copy of your	grade of C can be accepted toward a	(6 credits)		
	certification to the Elementary	master's degree. Grades of C- or lower			
	Education and Reading Department by	are not used to satisfy degree	Completion of		
	the time you apply for degree candidacy	requirements. Grades of C- or lower	Foundation Courses		
	(after completing 6 credits and before	may be repeated.	(3 credits)		
	completing 12 credits).				
	3. A word-processed statement of		Completion of		
	professional goals, interests, and		Curriculum Courses		
	relevant professional experience.		(6 credits)		
	4. 3 letters of reference on special dept		(0 010010)		
	forms that attest to applicant's		Completion of		
	performance/potential as teacher.		Literacy Courses		
	5. A personal interview		(6 credits)		
	J. A personal interview		(o cicuits)		
			Completion of		
			Methods and		
			Practicum Courses		
			(6 credits)		
Special	Students must be certified in secondary	Candidacy: Every matriculated	Completion of	Completion of Master's	In order to graduate from
Education:	education (grades 7-12). Individuals must	graduate student is required to file an	Preliminary Courses	Project or Master's	the program and receive
Adolescent	submit an application directly to the BSC	application for admission to candidacy	(18 credits)	Thesis:	a recommendation for an

		Auvanceu Teacher Treparatio	n i rograms		
M.S. Ed	Graduate School Office. Each application	after the completion of at least six but			special education
	is forwarded to the Exceptional Education	not more than twelve credit hours of	Completion of	(3-6 credits)	adolescence teaching
	Department office, where it is reviewed to	graduate coursework at Buffalo State	Required Courses	EXE 690 Mater's	certificate, candidates
	determine if the individual meets the	College. Candidacy is a written	(27 credits)	Project;	must:
	requirements outlined below. A point	agreement outlining the courses		EXE 695 Master's	1. Satisfactorily
	system based on the criteria is used to	necessary to receive a degree.	Completion of	Thesis	complete 30 to 48
	evaluate applicants. Applicants with the		Elective Courses		hours of coursework
	highest point totals are admitted each	In order for a candidate's application	(3 credits)		(including practica
	admission period. In addition to	to candidacy to be approved, it may			and master's project/
	prerequisite certification in general	not include any courses with "I" or			thesis)
	education, candidates must meet the	"E" grades or any grade less than a			2. Maintaining a
	following admission requirements:	"C" (C=2.0). The application must be			cumulative GPA of
	1. Bachelor's degree from an accredited	approved by the advisor, department			3.0 or higher. As
	college or university with a minimum	chair, Dean of the School of			previously mentioned
	cumulative GPA of 2.5	Education, and the Dean of the			individuals who hold
	(4.0 scale) as verified by an official	Graduate School.			initial certification in
	college transcript (0-5 points)				approved areas will
	2. Written personal statement (0-1 point)	Grade Requirements: Students must			complete 30 credit
	3. Graduate GPA between 3.0 and 4.0 for	maintain at least a B (3.0) grade point			hours; while all others
	up to 6 hours of relevant coursework (0-	average on all graduate work. No			will complete up to 51
	2 points)	grade lower than a "C": is acceptable			credit hours (see
	4. Certification in adolescence special	in any required course. Students who			listing of courses and
	education, or relevant experience (0-5	earn a grade of less than a "C" (C=2.0)			descriptions to
	points)	in a course listed on the candidacy will			follow).
	5. Faculty review of applicant folder. Each	need to file a change of candidacy,			
	faculty member can add or subtract one	deleting the original course and adding			Upon completion of
	point from any	a reasonable substitute. If no			required coursework,
	applicant's overall total based on any	reasonable substitute can be found,			practica, etc. candidates
	previous experience with the individual	then the student may be unable to			may file for graduation.
	or perceptions of the quality of the	finish his/her Master's degree in			
	application $(+ \text{ or } -1 \text{ point})$	Exceptional Education. Graduate			
		students who earn an "E" grade in a			
	Additional Requirements: Candidates for	course can repeat the course in order to			
	initial certification in special education	improve his/her grade.			
	must achieve passing scores on the Liberal				
	Arts and Sciences Test (LAST), the	Additional Retention Requirements:			
	Assessment of Teaching Skills-Written	Students must complete degree			
	(ATS-W), and the Students with	program within 6 years. A waiver of			

	Dissibilities Content Specialty Test of the	Advanced Teacher Preparatio			
	Disabilities Content Specialty Test of the New York State Teacher Certification	the six year limit is available through			
		appeals process. In addition, any			
	Exam (NYSTCE).	student who does not enroll for 4			
		consecutive semesters will be			
		considered retired and must re-apply to			
		be readmitted to the department.			
Special	Students must be certified childhood	Every matriculated graduate student is	Completion of	Completion of Master's	In order to graduate from
Education:	(grades 1-6). Individuals must submit an	required to file an application for	Preliminary Courses	Project or Master's	the program and receive
Childhood	application directly to the BSC Graduate	admission to candidacy after the	(18 credits)	Thesis:	a recommendation for a
M.S. Ed	School Office. Each application is	completion of at least six but not more			childhood teaching
	forwarded to the Exceptional Education	than twelve credit hours of graduate	Completion of	(3-6 credits)	certificate, candidates
	Department office, where it is reviewed to	coursework at Buffalo State College.	Required Courses	EXE 690 Master's	must:
	determine if the individual meets the	Candidacy is a written agreement	(24 credits)	Project;	1. Satisfactorily
	requirements outlined below. A point	outlining the courses necessary to		EXE 695 Master's	complete 30 to 51 hours
	system based on the criteria is used to	receive a degree.	Completion of	Thesis	of coursework (including
	evaluate applicants.	C C	Elective Courses		practica and master's
		In order for a candidate's application	(3 credits)		project/ thesis)
	Applicants with the highest point totals are	to candidacy to be approved, it may	· · · ·		2. Maintain a cumulative
	admitted each admission period. In	not include any courses with "I" or			GPA of 3.0 or higher.
	addition to prerequisite	"E" grades or any grade less than a			6
	certification in childhood general	"C" (C=2.0). The application must be			As previously mentioned
	education, candidates must meet the	approved by the advisor, department			individuals who hold
	following admission	chair, Dean of the School of			initial certification in
	requirements:	Education, and the Dean of the			approved areas will
	1. Bachelor's degree from an accredited	Graduate School.			complete 30 credit hours;
	college or university with a minimum				while all others will
	cumulative GPA of 2.5 (4.0 scale) as	Grade Requirements: Students must			complete up to 51 credit
	verified by an official college transcript	maintain at least a B (3.0) grade point			hours (see listing of
	(0-5 points)	average on all graduate work. No			courses and descriptions
	2. Written personal statement (0-1 point)	grade lower than a "C": is acceptable			to follow). Upon
	3. Graduate GPA between 3.0 and 4.0 for	in any required course. Students who			completion of required
	up to 6 hours of relevant coursework (0-	earn a grade of less than a "C" in a			coursework, practica, etc.
	2 points)	course listed on the candidacy will			candidates may file for
	4. Certification in childhood special	need to file a change of candidacy,			graduation.
	education, or relevant experience (0-5	deleting the original course and adding			Si dudution.
	points)	a reasonable substitute. If no			
	5. Faculty review of applicant folder. Each	reasonable substitute can be found,			
	faculty member can add or subtract one	then the student may be unable to			
	faculty member can add of subtract one	men me suuent may be unable to			

Table 5 **Unit Assessment System: Transition Point Assessments**

point from any finish his/her Master's degree in applicant's overall total based on any Exceptional Education. Graduate previous experience with the individual students who earn an "E" grade in a or perceptions of the quality of the course can repeat the course in order to application (+ or -1 point)improve his/her grade. Additional Requirements: Additional Retention Requirements: Candidates for initial certification in Students must complete their degree program within six years. A waiver of special education must achieve passing scores on the Liberal Arts and Sciences the six year limit is available through an appeals process. In addition, any Test (LAST), the Assessment of Teaching Skills-Written (ATS-W), and the Students student who does not enroll in with Disabilities Content Specialty Test of coursework for four consecutive the New York State Teacher Certification semesters will be considered retired Exam (NYSTCE). and must re-apply to be readmitted to the department. Students must be certified early childhood Every matriculated graduate student is Completion of Completion of Master's In order to graduate from Special (birth through grade 2). Individuals must required to file an application for Preliminary Courses Project or Master's the program and receive Education: a recommendation for an Early submit an application directly to the BSC admission to candidacy after the (15 credits) Thesis: Childhood Graduate School Office. Each application completion of at least six but not more early childhood teaching than twelve credit hours of graduate Completion of certificate, candidates M.S. Ed is forwarded to the (3-6 credits) Exceptional Education Department office, coursework at Buffalo State College. **Required Courses** EXE 690 Mater's must: 1. Satisfactorily complete where it is reviewed to determine if the Candidacy is a written agreement (24 credits) Project: outlining the courses necessary to 30 to 48 hours of individual meets the requirements outlined EXE 695 Master's receive a degree. below. A point system based on the criteria Completion of Thesis coursework (including is used to evaluate applicants. **Elective Courses** practica and master's Applicants with the highest point totals are In order for a candidate's application (6 credits) project/ thesis). admitted each admission period. In 2. Maintaining a to candidacy to be approved, it may addition to prerequisite not include any courses with "I" or cumulative GPA of 3.0 certification in early childhood general "E" grades or any grade less than a or higher. As previously education, candidates must meet the "C" (C=2.0). The application must be mentioned individuals following admission approved by the advisor, department who hold initial chair. Dean of the School of requirements: certification in approved 1. Bachelor's degree from an accredited Education, and the Dean of the areas will complete 30 college or university with a minimum Graduate School. credit hours; while all cumulative GPA of 2.5 (4.0 scale) as others will complete up verified by an official college transcript Grade Requirements: Students must to 51 credit hours (see maintain at least a B (3.0) grade point (0-5 points) listing of courses and

		Advanced Teacher Preparatio	n i rograms		
	2. Written personal statement (0-1 point)	average on all graduate work. No			descriptions to follow).
	3. Graduate GPA between 3.0 and 4.0 for	grade lower than a "C": is acceptable			
	up to 6 hours of relevant coursework (0-	in any required course. Students who			Upon completion of
	2 points.	earn a grade of less than a "C" (C=2.0)			required coursework,
	4. Certification in early childhood special	in a course listed on the candidacy will			practica, etc. candidates
	education, or relevant experience (0-5	need to file a change of candidacy,			may file for graduation.
	points)	deleting the original course and adding			
	5. Faculty review of applicant folder. Each	a reasonable substitute. If no			
	faculty member can add or subtract one	reasonable substitute can be found,			
	point from any	then the student may be unable to			
	applicant's overall total based on any	finish his/her Master's degree in			
	previous experience with the individual	Exceptional Education. Graduate			
	or perceptions of the quality of the	students who earn an "E" grade in a			
	application $(+ \text{ or } -1 \text{ point})$	course can repeat the course in order to			
		improve his/her grade.			
	Additional Requirements:				
	Candidates for initial certification in	Additional Retention Requirements:			
	special education must achieve passing	Students must complete their degree			
	scores on the Liberal Arts and Sciences	program within six years. A waiver of			
	Test (LAST), the Assessment of Teaching	the six year limit is available through			
	Skills-Written (ATS-W), and the Students	an appeals process. In addition, any			
	with Disabilities Content Specialty Test of	student who does not enroll in			
	the New York State Teacher Certification	coursework for four consecutive			
	Exam (NYSTCE).	semesters will be considered retired			
		and must re-apply to be readmitted to			
		the department.			
Teaching	Students must be certified in childhood	Every matriculated graduate student is	Completion of	Completion of Master's	In order to graduate from
Bilingual	(grades 1-6), early childhood, or adolescent	required to file an application for	Required Courses	Project or Master's	the program and receive
Exceptional	special education and have ability to speak	admission to candidacy after the	(18 credits)	Thesis	a recommendation for a
Individuals	English and Spanish. Certification in early	completion of at least six but not more			bilingual special
M.S. Ed	childhood education, childhood education,	than twelve credit hours of graduate			education teaching
	or adolescence education must meet	coursework at Buffalo State College.			certificate, candidates
	additional special education certification	Candidacy is a written agreement			must:
	requirements once enrolled. Individuals	outlining the courses necessary to			1. Satisfactorily complete
	must submit an application directly to the	receive a degree.			18 hours of
	BSC Graduate School Office. Each	In order for a candidate's application			coursework (including
	application is forwarded to the Exceptional	to candidacy to be approved, it may			practica and master's
	Education Department office, where it is	not include any courses with "I" or			project/ thesis)
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	Advanced Teacher Preparation	i i i ugi allis	
reviewed to determine if the individual	"E" grades or any grade less than a		2. Maintain a cumulative
meets the requirements outlined below. A	"C" (C=2.0). The application must be		GPA of 3.0 or higher.
point system based on the criteria is used to	approved by the advisor, department		
evaluate applicants. A program application	chair, Dean of the School of		Upon completion of
and an oral interview is required.	Education, and the Dean of the		required coursework,
Applicants with the highest point totals are	Graduate School.		practica, etc. candidates
admitted each admission period. In	Grade Requirements: Students must		may file for graduation.
addition to prerequisite certification in	maintain at least a B (3.0) grade point		
childhood general education, candidates	average on all graduate work. No		
must meet the following admission	grade lower than a "C": is acceptable		
requirements:	in any required course. Students who		
1. Bachelor's degree from an accredited	earn a grade of less than a "C" (C=2.0)		
college or university with a minimum	in a course listed on the candidacy will		
cumulative GPA of 2.5 (4.0 scale) as	need to file a change of candidacy,		
verified by an official college transcript	deleting the original course and adding		
(0-5 points)	a reasonable substitute. If no		
2. Written personal statement (0-1 point)	reasonable substitute can be found,		
3. Graduate GPA between 3.0 and 4.0 for	then the student may be unable to		
up to 6 hours of relevant coursework (0-	finish his/her Master's degree in		
2 points)	Exceptional Education. Graduate		
4. Certification in childhood special	students who earn an "E" grade in a		
education, or relevant experience (0-5	course can repeat the course in order to		
points)	improve his/her grade.		
5. Faculty review of applicant folder. Each			
faculty member can add or subtract one	Additional Retention Requirements:		
point from any	Students must complete their degree		
applicant's overall total based on any	program within six years. A waiver of		
previous experience with the individual	the six year limit is available through		
or perceptions of the quality of the	an appeals process. In addition, any		
application $(+ \text{ or } -1 \text{ point})$	student who does not enroll in		
	coursework for four consecutive		
Additional Requirements:	semesters will be considered retired		
Candidates for initial certification in	and must re-apply to be readmitted to		
special education must achieve passing	the department.		
scores on the Liberal Arts and Sciences			
Test (LAST), the Assessment of Teaching			
Skills-Written (ATS-W), and the Students			
with Disabilities Content Specialty Test of			

	Advanced Teacher Preparation Programs							
	the New York State Teacher Certification							
Biology Education (7-12) M.S. Ed	 Ine New York State Teacher Certification Exam (NYSTCE). 1. A bachelor's degree from an accredited college or university with a minimum cumulative GPA of 2.75, or a minimum combined quantitative/verbal score of 1000 on the Graduate Record Examination. (The GRE general test is required; the GRE subject test in biology is strongly recommended. 2. A NYS Certificate of Qualification, provisional certificate, or initial certificate to teach science or approved equivalent. 3. Three letters of recommendation evaluating the applicant's academic qualifications. 4. An official transcript of the student's undergraduate program showing evidence of completion of at least 18 credit hours in biology and satisfactory preparation in chemistry, physics, and mathematics. 5. A written statement of the applicant's academic background and career goals. 	 Completion of at least 6 credit hours of graduate-level coursework at Buffalo State. Completion of all required prerequisite courses. A minimum of 15 credit hours of coursework at the 6 or 700 level (required for all programs) Students must maintain at least a B (3.0) grade point average on all graduate work. No grade lower than a "C": is acceptable in any required course. 	Completion of Biology Courses (12-15 credits) Completion of Science Education Courses (9 credits) SCI 628 Seminar in Secondary Science Education; SCI 632 Curricular Trends in Secondary School Science; SCI 685 Evaluation of Science Education Completion of Elective Course: (3 credits)	Completion of Master's Project or Master's Thesis: (3-6 credits) BIO 690 Master's Project; BIO 695 Master's Thesis	 Minimum cumulative GPA of 3.0. Candidate may take no more than 36 credits to achieve this average. A minimum of 30 credits. 12-15 credits of Biology courses, 9 credits of Science Education Courses, 3 credits of Elective Courses, and 3-6 credits of Master's Project or Master's Thesis. Courses in which a candidate earns a grade below C do not bear credit toward the degree but are calculated in the cumulative average. Oral presentation of 			
Chamistar	1 A hashalan's desure from an associated	1 Completion of at least (and it	Completion of	Completion of Dessent	master's thesis or project.			
Chemistry Education (7-12) M.S. Ed	 A bachelor's degree from an accredited college or university with a minimum cumulative GPA of 2.6 in chemistry courses. A NYS Certificate of Qualification, provisional certificate, or initial certificate to teach at the secondary level. A minimum of 24 credits of undergraduate chemistry courses, including one year of physical chemistry. 	 Completion of at least 6 credit hours of graduate-level coursework at Buffalo State. Completion of all required prerequisite courses. A minimum of 15 credit hours of coursework at the 6 or 700 level (required for all programs) Students must maintain at least a B (3.0) grade point average on all graduate work. 	Completion of Required Courses (9 credits) Completion of Science Education Courses: (9 credits) SCI 628 Seminar in Secondary Science Education;	Completion of Research and Master's Project or Master's Thesis: (6 credits) CHE 690 Master's Project in Chemistry And SCI 694 Research Methods and Techniques in Science Education	9 Credits of required Chemistry courses. 9 credits of Science Education courses, 3-6 credits of Elective Courses, and 6 credits of Research and Master's Project or Master's Thesis. A total of 30 required credit hours.			

	Advanced Teacher Preparation Programs						
	4. A minimum of one year each of calculus, general physics, biology, and geosciences.5. Three letters of recommendation.	No grade lower than a "C": is acceptable in any required course.	SCI Curricular Trends in Science Teaching in the Secondary School; SCI 685 Evaluation in Science Education Completion of Elective Courses (3-6 credits)	Or CHE 795 Master's Thesis in Chemistry			
Earth Science Education (7-12) M.S. Ed	 A bachelor's degree from an accredited college or university with a minimum cumulative GPA of 2.65. A NYS Certificate of Qualification, provisional certificate, or initial certificate. Three letters of recommendation that address teaching ability and academic standing. Completion of two courses in earth sciences, including an introductory lab- based physical geology course, with a minimum grade of C. Admission interview (at the discretion of the Admissions Committee). 	 Completion of at least 6 credit hours of graduate-level coursework at Buffalo State. Completion of all required prerequisite courses. A minimum of 15 credit hours of coursework at the 6 or 700 level (required for all programs) Students must maintain at least a B (3.0) grade point average on all graduate work. No grade lower than a "C": is acceptable in any required course. 	Completion of Science and Mathematics Courses (15-18 credits) Completion of Science Education Courses (9 credits) SCI 628 Seminar in Secondary Science Education; SCI 632 Curricular Trends in Science Teaching in the Secondary School; SCI 685 Evaluation in Science Education	Completion of Master's Project or Master's Thesis: (3-6 credits) SCI/GES 690 Master's Project; SCI/GES 795 Master's Thesis	15-18 credits of Science and Mathematics courses. 9 credits of Science Education Courses. 3-6 credits of Master's Project or Master's Thesis. A total of 30 required credit hours for successful completion.		
Mathematics Education (7-12) M.S. Ed	 A bachelor's degree from an accredited college or university with a minimum cumulative GPA of 2.5 in all undergraduate mathematics courses. Completion of at least 18 credit hours beyond calculus, including one semester of linear algebra or abstract algebra, one semester of geometry, and at least one semester of analysis, discrete 	 Completion of at least 6 credit hours of graduate-level coursework at Buffalo State. Completion of all required prerequisite courses. A minimum of 15 credit hours of coursework at the 6 or 700 level (required for all programs) 	Completion of Mathematics Courses (12-15 credits) Completion of Mathematics Education Courses (6-9 credits)	Completion of Master's Project or Master's Thesis: (3-6 credits) MED 690 Master's Project; MED 795 Thesis in Mathematics Education	12-15 credits of Mathematics courses. 6-9 credits of Mathematics Education Courses. 6 credits Curriculum and Research Courses. 3-6 credits of Master's Project or Master's Thesis. A total of 30		

Advanced Teacher Preparation Progr	rams
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Advanced Teacher Preparation Programs					
	 mathematics, calculus-based probability, or calculus-base statistics. Those with minor deficiencies may enter the pre-major program with written permission for the Mathematics Department chair; a copy of this statement will be filed in the Mathematics Department Office and the Graduate School. Acceptance as graduate student by the department chair and the Graduate School dean. 	Students must maintain at least a B (3.0) grade point average on all graduate work. No grade lower than a "C": is acceptable in any required course.	Completion of Curriculum and Research Courses (6 credits)		required credit hours for successful completion.
Physics Education M. S. Ed	 A bachelor's degree from an accredited college or university with a minimum cumulative GPA of 2.5. A NYS Certificate of Qualification, provisional certificate, or initial certificate in a secondary science. An application packet including a personal statement and three letters of reference. An interview may be required. 	 Completion of at least 6 credit hours of graduate-level coursework at Buffalo State. Completion of all required prerequisite courses. A minimum of 15 credit hours of coursework at the 6 or 700 level (required for all programs) Students must maintain at least a B (3.0) grade point average on all graduate work. No grade lower than a "C" is acceptable. 	Completion of Physics Teaching Methods: (6 credits) PHY 510 Process Skills in Physics Teaching Completion of Physics Content with Model Pedagogy Courses (12 credits) Completion of Elective Courses (9 credits) Completion of Seminar: PHY 500 Physics Education Research Seminar	Completion of Master's Project PHY 690 Master's Project	6 credits of Physics Teaching Methods. 12 credits of Physics Content with Model Pedagogy. 9 credits of Elective courses. 3 credits of Seminar. 3 credits of Master's Project. A total of 33 required credit hours for successful completion.
Physics Education, M.S. Ed with	 Bachelor's degree in physics or a related area from an accredited four- year institution with a minimum 	1. Completion of at least 6 credit hours of graduate-level coursework at Buffalo State.	Completion of Exceptional Education and Educational	Completion of Master's Project	6 credits in Exceptional Education and Educational Foundations.

Alternative	cumulative GPA of 3.0, or approval of	2. Completion of all required	Foundations Courses	PHY 690 Master's	6 credits in Literacy. 6
Certificate	the dept chair.	prerequisite courses.	(6 credits)	Project	credits in Physics
	2. A minimum of 18 credits in two	3. A minimum of 15 credit hours of		5	Teaching methods. 12
	sciences other than physics (may be	coursework at the 6 or 700 level	Completion of		credits in Physics
	completed during the program if not	(required for all programs)	Literacy Courses		Content with Model
	completed by the time of admission).		(6 credits)		Pedagogy.
	3. One year of college study or two years	Students must maintain at least a B			6 credits electives. 3
	of high school study of a language other	(3.0) grade point average on all	Completion of Physics		credits Physics Education
	than English (may be completed during	graduate work.	Teaching Methods		Research Seminar. 3
	the program if not completed by the	No grade lower than a "C": is			credit hours of mentored
	time of admission).	acceptable in any required course.	PHY 510 Process		Physics Teaching. 3
	4. Passing scores on two NYS		Skill in Physics		credits of Master's
	examinations: the LAST and the		Teaching		Project. 18 credits of
	Physics Content Specialty Test. (These				other science courses.
	exams may be taken after admission to		Completion f Physic		Total of 45 credits.
	the program but must be passed before		Content with Model		
	teaching position accepted).		Pedagogy		
	5. Written personal statement		(12 credits)		
	6. 3 letters of reference.		Completion of		
	7. Interview may be required.		Completion of		
			Elective Courses (6 credits)		
			(6 credits)		
			Completion of		
			Seminar:		
			PHY 500 Physics		
			Education Research		
			Seminar		
			Completion of		
			Mentored Physics		
			Teaching:		
			PHY 502 Initial		
			Teaching Experience		
			for Alternative		
			Certification		
			Completion of Other		

		Auvanceu Teacher Preparatio	Science Courses		1
			(18 credits)		
0 1			· · · · ·		
Social Studies Education (7-12) M.S. Ed	 A bachelor's degree from an accredited college or university with a minimum cumulative grade point average of 2.75 (4.0 scale). An applicant with a minimum cumulative grade point average of 2.5 may be granted conditional admission to the program. A New York State Certificate of Qualification (CQ), provisional certificate, or initial certificate to teach social studies. Thirty-six (36) credit hours in history and/or the social sciences. 	At completion of 12 credit hours of coursework in the program, the student must have achieved a minimum GPA or 3.0. Prior to the completion of 12 credits, the student must file and application for candidacy, which is a written contract specifying the courses to be completed in the master's program.	Completion of Required Courses (15 credits) Completion of Professional Education Courses (15 credits)	Completion of Maters' Thesis, Portfolio Defense or Comprehensive Exam: (0-6 credits) SSE 795 Master's Thesis Or Portfolio Defense Or	At least 15 credit hours must be from 600- or 700-level courses. Required Courses** (15 credits): History and/or social science courses; 9 or more credit hours must be concentrated in a single discipline. Professional Education Courses (15 credits): *SSE 502 Teaching Social Studies/SSE 513
				Comprehensive Examination	Seminar in Secondary Social Studies Education/SSE 655 Social Studies Laboratory/SSE 689 Research Methods and Techniques in Secondary Social Studies/SSE XXX Social Studies/SSE XXX Social Studies Education Elective Master's Thesis, Portfolio Defense, or Comprehensive Examination (0-6 credits) Total of 30-36
Educational Computing M.S. Ed	 A bachelor's degree from an accredited college or university with a minimum cumulative GPA of 3.0. Students with less than a 3.0 GPA may be admitted as pre-majors. Elementary/Secondary teaching certification is recommended. 	 Completion of at least 6 credit hours of graduate-level coursework at Buffalo State. Completion of all required prerequisite courses. A minimum of 15 credit hours of coursework at the 6 or 700 level 	Completion of Professional Core Courses (9 credits) Completion of Educational	Completion of Master's Project EDC 690 Master's Project in Computer Applications in Instruction	9 credits of Professional Core courses. 12 credits of Educational Computing courses. 12 credits of Content core courses. 3 credits of Master's Project. A total

Table 5Unit Assessment System: Transition Point Assessments

Advanced Teacher Preparation Programs	Advanced	Teacher	Preparation	Programs
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	3. Three letters of recommendation.	(required for all programs)	Computing Courses		of 36 required credit
	4. A written statement that details the		(12 credits)		hours for successful
	applicant's previous computer	Students must maintain at least a B			completion.
	experience and sets forth the applicant's	(3.0) grade point average on all	Completion of		
	career goals.	graduate work.	Content Core		
	5. Knowledge of and previous experience	No grade lower than a "C": is	(12 credits)		
	with the Internet and common software	acceptable in any required course.			
	tools is a prerequisite for full admission				
	to the program. Students deficient in				
	this prerequisite may be admitted as				
	pre-majors.				
Technology	1. A bachelor's degree in industrial	1. Completion of at least 6 credit hours	Completion of	Completion of Master's	15-18 credits of required
Education,	arts/technology education from an	of graduate-level coursework at	Required courses	Project or Master's	technology education
M.S. Ed	accredited college or university with a	Buffalo State.	(15-18 credits)	Thesis	courses. 12-15 credits of
	minimum cumulative GPA of 2.3, or a	2. Completion of required prerequisite			elective courses. 3-6
	NYS initial certificate to teach industrial	courses.	Completion of	(3-6 credits)	credits of Master's
	arts/technology.	3. A minimum of 15 credit hours of	Elective Courses		Project or Master's
	2. Acceptance by the program coordinator.	coursework at the 6 or 700 level	(12 -15 credits)	TED 690 Master's	Thesis. A total of 30
		(required for all programs)		Project;	required credit hours for
				TEC 695 Master's	successful completion.
		Students must maintain at least a B		Thesis	
		(3.0) grade point average on all			
		graduate work.			
		No grade lower than a "C" is			
		acceptable.			

Advanced Teacher Preparation Programs

Other School Professional

		Admission	Candidacy	Prior to Entering Advanced Coursework / Culminating Experience	Prior to Exiting Advanced Coursework / Culminating Experience	Upon Program Completion
Advanced Pro	ograms fo	or Other School Professiona	ls		-	
Educational Leadership, C.A.S.	1. For 2 . W 1. For 2 . W 10. A	Formal Graduate Application Formal Graduate Application Vord-processed statement of eadership goals. Master's degree Clementary /Secondary teaching ertification (in U.S., Canada, or lsewhere) Three recommendations with peculation on the applicant's robable success as a leader. These recommendations should ome from applicant's uperintendent, supervisor, rincipal, and/or other relevant arties and are submitted on special rogram forms attesting to erformance and potential. Three years of successful teaching, dministrative, supervisory, and/or upil personnel service in P-12 chools or agencies. atisfactory score on the Miller analogies Test (MAT) nterview Evidence of satisfactory oral and vritten English language skills acceptable score on the admissions ubric.	 Candidate must maintain a minimum 3.0 GPA. Candidate must be submitted after 6 and before 12 credits have been completed. Candidates must have a program plan and internship log in place. 	Completion of Required Courses (27 credits) EDL 552 Public School Law; EDL 606 School – Community Relations; EDL 607 Site – Based Leadership; EDL 612 School Business Management and Finance; EDL 630 Curriculum Leadership; EDL 631 Supervision of Teaching; EDL 702 Educational Leadership Field Experiences; EDL 703 Educational Leadership Internship; EDL 704 Seminar in Educational Change Completion of Elective Courses (6 credits)	At the completion of 24 credit hours of coursework in EDL, students may enroll in EDL 703. At the completion of the EDL 703 internship and at the completion of each field experience, a letter grade of S (Satisfactory) or U (Unsatisfactory) is awarded.	All coursework and degree requirements must be completed within 6 years of program entry. Coursework completed more than 6 years prior to admission may not be used to satisfy degree requirements. Changes in approved candidacy must be submitted in writing and approved by the advisor, department coordinator, and Dean of the School of Education. Graduates who meet program requirements are recommended by the college for certification as School Building Leader (SBL).

Table 5 Unit Assessment System: Transition Point Assessments

Advanced Teacher Preparation Programs					
Literacy	1. Candidates must formally apply to the	1. Candidates must	Completion of Required	Completion of	1. All coursework and degree
Specialist	Graduate Office at Buffalo State. Since	register for and	Courses	Professional Growth	requirements must be completed
(Birth – Grade	graduates of the Master of Science in	complete at least one		Portfolio	within the six-year period
6)	Education Program earn eligibility for	graduate course	(27 credits)		immediately preceding a
M.S. Ed	certification as Literacy Specialists (birth	within four academic	EDF 689 Methods and		student's graduation.
	through grade 6), applicants to the 36-credit	semesters	Techniques of		Coursework completed more
	program must be certified in elementary	(fall/spring) or they	Educational Research;		than six years prior to date of
	education, early childhood education, or	will be dropped from	EDU 513 Survey of		graduation cannot be used to
	childhood education. Specific admission	the program and	Basic Concepts of		satisfy degree requirements. In
	requirements for the Literacy Specialist	must reapply for	Elementary Reading		order to be awarded a master's
	programs are as follows:	readmission.	Instruction;		degree, the student must have an
	 A bachelor's degree from an 	Reapplication must	EDU 606 Literacy		approved candidacy and
	accredited college or university with a	be made in	Instruction for		complete all coursework exactly
	minimum cumulative GPA of 3.0 (4.0	accordance with the	Linguistically Diverse		as specified on the candidacy
	scale) in the last 60 credits, or a combined	established deadline	Students;		form.
	quantitative/verbal minimum score of 1,000	dates and current	EDU 611 Literacy in the		2. Changes in approved candidacy
	on the Graduate Record Examination	admission	Primary Grades;		must be submitted in writing and
	(GRE), or a minimum score of 50 on the	requirements.	EDU 642 Reading		approved by the adviser,
	Miller Analogies Test. Candidates who do	2. Candidates must	Assessment and		department chair, and dean. The
	not meet these requirements also may be	maintain a minimum	Evaluation;		Buffalo State Literacy Specialist
	considered for admission if they satisfy all	cumulative GPA of	EDU 643 Teaching		graduate programs are registered
	other requirements and complete an	3.0 (4.0 scale). A	Students with Reading		with the NYS Education
	interview with the Admission Committee.	student is	Difficulties: Childhood;		Department; therefore, graduates
	 Submission a copy of a New 	automatically placed	EDU 647 Clinical		who meet Literacy Specialist
	York State Certificate of Qualification	on probation if the	Practicum;		certification requirements are
	(CQ), Provisional Certificate, or Initial	GPA falls below 3.0.	EDU 655 Seminar in		recommended by the college for
	Certificate along with the admission	Matriculated full-	Reading		certification.
	application. If applicants are a recent	time students are			3. Candidate must complete a
	graduate or just completing their	given one semester,	Completion of Elective		Professional Growth Portfolio (SPA
	undergraduate program at the time of	and matriculated	Courses		assessment #4.)
	application, they are to write in the date of	part-time students	(9 credits)		
	their expected certification on the	are given 9 credit			NYSTCE Literacy Content
	admission application. Applicants must	hours to achieve a			Specialty Test (SPA Assessment #1)
	submit a copy of certification to the	3.0 GPA, provided			
	department by the time they apply for	the total credit hours			Action Research Project (SPA
	degree candidacy (after completing 6	do not exceed the			Assessment #2)
	credits and before the completion of 12	degree program by			
	credits).	more than 6. Failure			

Advanced Teacher Prenaration Programs

Advanced Teacher Preparation Programs					
	• A written statement of	to achieve a 3.0 GPA			
	professional interests, goals, and relevant	within the specified			
	professional experience.	time results in			
	 Submission of three special 	academic dismissal.			
	reference forms that attest to the applicant's	In addition, failure to			
	potential as a literacy specialist.	maintain a minimum			
	Demonstrated command of	3.0 GPA during each			
	oral/written English.	semester of academic			
		probation results in			
	Admission decisions are based on a	academic dismissal.			
	combination of candidates' previous	3. Candidate must have			
	academic performance, letters of	completed 27 credit			
	recommendation, experience working with	hours with a 3.0			
	children, and a statement of professional	GPA in order to			
	interests.	enroll in EDU 647.			
		The 27 credit hours			
		must include EDU			
		642 and EDU 643.			
Literacy	1. Candidates must formally apply to the	1. Candidates must	Completion of Required	Completion of	1. All coursework and degree
Specialist	Graduate Office at Buffalo State. Since	register for and	Courses	Professional Growth	requirements must be completed
(Grades 5-12)	graduates of the Master of Professional	complete at least one		Portfolio	within the six-year period
M. PS.	Studies Program earn eligibility for	graduate course	(27 credits)		immediately preceding a
	certification as Literacy Specialists	within four academic	EDF 689 Methods and		student's graduation.
	(grades 5 through 12), applicants to the	semesters	Techniques of		Coursework completed more
	36-credit program must be certified in a	(fall/spring) or they	Educational Research;		than six years prior to date of
	secondary subject area, art, music,	will be dropped from	EDU 513 Survey of		graduation cannot be used to
	physical education, or other educational	the program and	Basic Concepts of		satisfy degree requirements. In
	area. Specific admission requirements	must reapply for	Elementary Reading		order to be awarded a master's
	for the Literacy Specialist programs are	readmission.	Instruction;		degree, the student must have an
	as follows:	Reapplication must	EDU 606 Literacy		approved candidacy and
	• A bachelor's degree from an	be made in	Instruction for		complete all coursework exactly
	accredited college or university with a	accordance with the	Linguistically Diverse		as specified on the candidacy
	minimum cumulative GPA of 3.0 in the last	established deadline	Students;		form.
	60 credits, or a combined quantitative/verbal	dates and current	EDU 609 Improving		2. Changes in approved candidacy
	minimum score of 1,000 on the Graduate	admission	Reading in Content		must be submitted in writing and
	Record Examination, or a minimum score of	requirements.	Areas;		approved by the adviser,
	50 on the Miller Analogies Test.	2. Candidates must	EDU 642 Reading		department chair, and dean. The
	Candidates who do not meet these	maintain a minimum	Assessment and		Buffalo State Literacy Specialist

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			reparation Programs		
	requirements also may be considered for admission if they satisfy all other requirements and complete an interview with the Admission Committee. • Submission a copy of a NYS Certificate of Qualification (CQ), Provisional Certificate, or Initial Certificate along with the admission application. If applicants are a recent graduate or just completing their undergraduate program at the time of application, they are to write in the date of their expected certification on the admission application. Applicants must submit copy of certification to the dept by the time they apply for degree candidacy (after completing 6 credits & before completing 12 credits). • A written statement of professional interests, goals, and relevant professional experience. • Submission of 3 special reference forms that attest to applicant's potential as literacy specialist. • Demonstrate command of oral/written English. Admission decisions are based on combination of candidates' previous academic performance, letters of recommendation, experience working with children, & statement of professional interests.	cumulative GPA of 3.0 (4.0 scale). A student is automatically placed on probation if the GPA falls below 3.0. Matriculated full- time students are given one semester, and matriculated part-time students are given 9 credit hours to achieve a 3.0 GPA, provided the total credit hours do not exceed the degree program by more than 6. Failure to achieve a 3.0 GPA within specified time results in academic dismissal. Also, failure to maintain a minimum 3.0 GPA during each semester of academic probation results in academic dismissal 3. Candidate must have completed 27 credits with a 3.0 GPA in order to enroll in EDU 647. The 27 credit hours must include EDU 642 and EDU 642.	Evaluation; EDU 645 Teaching Students with Reading Difficulties: Adolescents EDU 647 Clinical Practicum; EDU 655 Seminar in Reading Completion of Elective Courses (9 credits)		graduate programs are registered with the NYS Education Department; therefore, graduates who meet Literacy Specialist certification requirements are recommended by the college for certification. 3. Candidate must complete a Professional Growth Portfolio (SPA assessment #4.) NYSTCE Literacy Content Specialty Test (SPA Assessment #1) Action Research Project (SPA Assessment #2)
Speech-	1. Bachelor's degree from accredited	1. Students in the graduate program	Completion of Required	Completion f Master's Project or Master's	Students are deemed to have met the skills by attaining a final grade of
Language	college/university with a minimum	graduate program	Courses	Project or Master's	skills by attaining a final grade of

Advanced Teacher Preparation Programs					
Pathology, M.S. Ed	 cumulative GPA of 3.0. 2. Minimum of 22 credits of undergraduate coursework in speech-language pathology, including courses related to normal development of speech, language, & hearing processes; courses related to disordered speech, language, & hearing; courses related to the speech & hearing sciences. For ASHA & NCATE certification, other courses are also required. If not taken at undergraduate level, they are added to the graduate program: 3 credits in biological science, 3 credits in physical sciences, 3 credits in math, 3 credits in social and behavioral sciences, EDF 202 Child Dev. & Ed, EDF 302 Ed. Psychology: Elementary Ed, EXE 100 Nature & Needs of Individuals with Special Needs 3. 3 letters of recommendation that attest to applicant's potential as a graduate student. For students with undergraduate major in speech-language pathology or communication sciences and disorders, 2 letters must come from faculty in major. Students from other majors, two of letters must come from faculty in major. 4. Graduate Record Examination scores. 5. Written personal statement. 	 complete a total of 57-60 credits of coursework, including: a) 35 credits of required coursework in speech, language, hearing, and swallowing disorders, b) 19 credits of clinic practica c) 3-6 credits of research (3 credits- master's project; 6 credits-master's thesis [optional]). 2. Students are enrolled in 2 credits of practicum each semester for the first three semesters of their graduate program. However, they are assigned clients based on completion of the required coursework (e.g., only students who have completed the language disorders course can see clients with language disorders, only students who have taken the acquired language 	(35 credits) Completion of Practicum (19 credits) SLP 505 Graduate Practicum in an Educational Setting; SLP 515 Clinical Practicum; SLP 611 Externship in Communication Disorders	Thesis (3-6 credits) SLP 690 Master's Project; SLP 695 Master's Thesis	 "B" or better for each required practicum. Guided by the KAS (Knowledge and Skills Acquisition) standards, student learning outcomes are established for each course (academic and clinic); the student learning outcomes are assessed through formative and summative assessments. Upon successful completion of the graduate curriculum, students are awarded a Master's of Science in Education. Following graduation, our graduate students must complete a Clinical Fellowship prior to applying for their Certificate of Clinical Competence (CCC-SLP). The director of graduate studies signs the portion of the application that certifies that the individual has completed the educational requirements as outlined in the department's curriculum and according to ASHA requirements for certification.

12 credits/semester, including make-up work in courses related to basic human communication & swallowing processes (i.e., anatomy & physiology of the speech & hearing mechanisms, audiology, language acquisition, phonetics, speech science), the nature of speech, language, hearing, swallowing & communication disorders and differences (i.e., intro to speech pathology, language diagnosis & remediation, clinical observations), & contemporary professional issues (i.e., organization & administration in SLP). Individuals complete required courses for ASHA certification (biological, physical, social/behavioral science & math classes) & teacher certification (i.e., nature & needs of individuals with special needs, child dev. & education, & ed. psychology). Teacher certification courses meet social-behavioral requirement for ASHA. Studen's program based on academic background and advised by Graduate Program Director.disorders course can see patients with aphasia and dysarthria, and so forth).12 creditistication (i.e., nature & needs of individuals course meet social-behavioral required to complete student teaching and an externship (medical placement).disorders course can speach-language pathology are required to complete student teaching and an externship13 cordition (i.e., nature & needs of individuals with special needs, child dev. & education, & ed. psychology). Teacher certification courses meet social-behavioral requirement for ASHA. Student's program based on academic background and advised by Graduate Program Director.disorders course can space.14 credute Program Director.methor space can space.methor space can space.15 credute Program Director.methor space can space.methor space can s	Advanced Teacher Preparation Programs				
communication & swallowing processesaphasia and dysarthria, and so forth).(i.e., anatomy & physiology of the speech & hearing mechanisms, audiology, language acquisition, phonetics, speech science), the nature of speech, language, hearing, swallowing & communication disorders and differences (i.e., intro to speech pathology, language diagnosis & remediation, clinical observations), & contemporary professional issues (i.e., organization & administration in SLP). Individuals complete required courses for ASHA certification (i.e., nature & needs of individuals with special needs, child dev. & education, & ed. psychology). Teacher certification (i.e., nature & needs of individuals with special needs, child dev. & education, & ed. psychology). Teacher certification for ASHA. Student's program based on academic background and advised by Graduate Program Director.aphasia and dysarthria, and so forth).3. After completion of three on-campus clinics, students must complete two, 8- week, full-time off- campus placements: one in the fall semester and one in the spring. All graduate students in speech-language pathology are requirement for ASHA. Student's program based on academic background and advised by Graduate Program Director.aphasia and dysarthria, and so forth).aphasia and dysarthria, and speech-language pathology are requirement, for ASHA. Student's program based on academic background and advised by Graduate Program Director.aphasia and dysarthria, and so forth).3. After completions requirement for ASHA. Student's program based on academic background and advised by Graduate Program Director.aphasia and dysarthria, and so forth).3. After completions requirement f	12 credits/semester, including make-up	disorders course can			
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