



Childhood – Grades 1-6

Name: _____

Person Number: _____

I. Initial/Professional Certification/Ed.M.

	Date	Credit	Grade
MAJOR AREA REQUIREMENTS			
LAI 549 Child Dev & Learning		3	
ELP 548/585/405 Foundations of Education / Sociological Bases of Education / Sociology of Education		3	
LAI 501 Instructional Practices in Elementary Schools		3	
LAI 521 Improving Social Studies Instruction, Elementary		3	
LAI 530 Improving Elementary Science Instruction		3	
LAI 540 Improving Elementary Mathematics Instruction		3	
LAI 550 Literacy Acquisition and Instruction, Pre-K-Primary		3	
LAI 551 Childhood Literacy Methods		3	
LAI 560 Language Arts Methods		3	
LAI 474/574 Teaching Except. Learners in Regular Ed. Classrooms		3	
LAI 600 Elem. School Curriculum Integration & Assessment		3	
LAI 612 School, Comm. & Society		3	
ELECTIVES (6 credits) Students take two courses in consultation with their advisor.			
1.		3	
2.		3	
FIELD EXPERIENCES/STUDENT TEACHING			
LAI 667 Field Experience		3	
LAI 668 Supervised Teaching I		6	
LAI 595 Supervised Teaching II		3	
LAI 674 Seminar in Teaching		3	
CAPSTONE EVENT			
Comprehensive Exam (0 credits) Or LAI 700 Project (1-3 credits) Or LAI 701 Thesis (1-3 credits)		0-3	
Total Credits		57-60	

II. Professional Certification/Ed.M.

	Date	Credit	Grade
MAJOR AREA REQUIREMENT			
LAI 662 Research Seminar in Elementary Education		3	
EMPHASIS AREA* (18 Credits for all emphasis areas)			
1.		3	
2.		3	
3.		3	
4.		3	
5.		3	
6.		3	
ELECTIVES IN THE COLLEGE OF ARTS AND SCIENCES AND/OR GSE (12 credits) In consultation with your advisor; select elective content courses consistent with your undergraduate major or concentration and/or co-developed by faculty with backgrounds in liberal arts and sciences and education.			
1.		3	
2.		3	
3.		3	
4.		3	
CAPSTONE EVENT			
Comprehensive Exam (0 credits) Or LAI 700 Project (1-3 credits) Or LAI 701 Thesis (1-3 credits)		0-3	
Total Credits		33-36	

* Each student should select one area of emphasis from the following: **General Elementary Education, Literacy, Mathematics, Science, Social Studies, and Bilingual Ed.** For **Literacy Emphasis**, see separate program sheet. Refer to the emphasis area addendum for appropriate courses within each area.

At least 33 credits must be 500 level or above exclusive of Student Teaching and Student Teaching Seminar.

For information regarding the teacher certification application process, go to the GSE website – www.gse.buffalo.edu. Select the “Current Students” link, then the “Forms & Checklists” link, and then scroll to the section labeled Teacher Certification Application Instructions and select the appropriate document. If you have questions about the process, please contact the Teacher Education Institute (716-645-2461).

Emphasis Area Addendum for Professional Certificate / Ed.M. ONLY

- ❖ Each student should select one area of emphasis from the following: **General Elementary Education, Literacy, Mathematics, Science, Social Studies, and Bilingual Education.**
- ❖ In consultation with your advisor, select 18 credit hours of coursework in your emphasis area. (**The courses listed under each emphasis area are for illustrative purposes only.** They are not a complete list of options. **Do not** take courses without the consultation of your assigned advisor.)
- ❖ These courses are **one** part of the professional degree program. Refer to the program sheet to view the childhood professional program in its entirety.

Emphasis Areas and Examples of Electives

GENERAL ELEMENTARY EDUCATION EMPHASIS

	Credits
LAI 521 Improving Soc. Studies Instruction, Elem.	3
LAI 530 Improving Elem. Science Instruction	3
LAI 540 Improving Elem. Math Instruction	3
LAI 551 Childhood Literacy Methods	3
LAI 560 Language Arts Methods	3
LAI 565 Lit. for Children & Young People	3
LAI 600 Elem Sch. Curric. Integration/Assessment	3

BILINGUAL EMPHASIS

LAI 581 Linguistics for L2 Educators	3
LAI 586 Research & Evaluation Bilingual & L2 Ed.	3
LAI 587 Methods in ESL Content Areas	3
LAI 588 Methods in Bilingual Education	3
LAI 592 Foun. Bil Ed: Policies & Practices	3
LAI 681 Understanding/Tchg. 2 nd Lang. Culture	3
LAI 690 Teaching Reading & Spanish Language Arts	3

SCIENCE EMPHASIS

LAI 530 Improving Elem. Science Instruction	3
LAI 531 Sci. Curric.: Current Approaches	3
LAI 533 Science Instruction Topics	3
LAI 534 Measuremt & Eval. Of Science Instruction	3
LAI 540 Improving Elem. Math Instruction	3
LAI 550/551 Literacy Acquisition & Instruction PreK/Primary, OR Childhood Literacy Methods	3
LAI 600 Elem Sch. Curric. Integration/Assessment.	3

LITERACY EMPHASIS

This emphasis area has its own program sheet. Please see GSE website.

MATHEMATICS EMPHASIS

LAI 529 Computers in Early and Primary Education	3
LAI 530 Improving Elem. Science Instruction	3
LAI 540 Improving Elem. Math. Instruction	3
LAI 542 Enrichment Topics in Elem. Math.	3
LAI 547 Assessing Mathematics	3
LAI 521/530/ 550/ 551 Imprv. Soc. Studies Instruc. Elem.; Imprv. Elem Science Instruc.; Literacy Acq/Instruc.; Childhd Literacy Methods	3
LAI 600 Elem Sch. Curric. Integration/Assessment	3

SOCIAL STUDIES EMPHASIS

LAI 520/521 Social Studies Educ. Intro or Imprv SS Instruc. Elementary	3
LAI 523 Social Studies Curriculum	3
LAI 622 Research in Social Studies Education	3
LAI 521/530/ 540/ 550/ 551 Imprv. Soc. Studies Instruc. Elem.; Elem. Science Instruc.; Imprv. Elem. Math; Literacy Acq/Instruc.; Childhd Literacy Meth.	9 (select three)