



# Approval Form

Proposal Title: Master of Arts, Elementary Teaching Specialization Redesign

Sponsor(s) Dr. Louis Molinari Dept.: Elementary Ed Ext. 6363

**Check one:**  Course  Specialization  Concentration  Minor  Achievement Certificate  
 Certification Program  Major Program  Minor Change (please name deletion or credit/title/catalog change)

Undergraduate  Graduate  Credit Hours

<p><b>Step 1 (Department)</b></p> <p><input checked="" type="checkbox"/> Approved <u>11/13/87</u> Date</p> <p><input type="checkbox"/> Not Approved</p> <p><u>[Signature]</u> Dept. CC Chairperson</p> <p><input checked="" type="checkbox"/> Reviewed <u>11/13/87</u> Date</p> <p><u>[Signature]</u> Dept. Chairperson</p>	<p><b>Step 2 (Receipt)</b></p> <p><input type="checkbox"/> SCC# <u>87-88-17</u></p> <p>Proposal Received <u>11/18/87</u> Date</p> <p><u>[Signature]</u> SCC Chairperson</p>	<p><b>Step 3 (School CC)</b></p> <p>Reviewed <u>1/5/88</u></p> <p><input checked="" type="checkbox"/> Approved <input type="checkbox"/> Not Approved</p> <p><b>Comments:</b> <u>See attached comments.</u></p> <p><u>[Signature]</u> School Curr. Comm. Chairperson</p>
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**Step 4 (Academic Dean)**

Recommend  
 Not Recommend  
 Conditionally Recommend (see comments)

Reviewed 12/2/87  
Date

**Comments:** I strongly support this approach and advised. It is an appropriate, focused and timely organization to better meet the needs of the profession. M. Kellie and better communicate to [unclear]

[Signature]  
Signature, Dean of School

**Step 5 (SCC)**

Open Hearing 2/16/88  Approved by Senate Curriculum Committee 3/9/88  
Date Date

Returned to sponsor(s) for the following reasons:  
minor changes in courses included within "Curriculum Specialization"  
Consistent with the [unclear] of [unclear]

[Signature]  
Date

**Step 6 (Senate)**

Presented to Senate 3/25  Approved  Not Approved  
Date

Notification to Vice-President for Academic Affairs 3/20/88 [Signature]  
Date Signature, SCC Chairperson

**Step 6 (Senate)**

Received 4/7/88  
Date  
If no, reasons are as follows:

Approved  YES  No

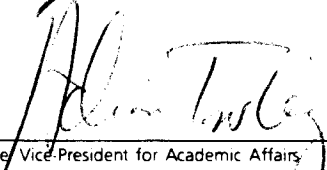
Student credit hours NA

Faculty load hours NA

Equalized credit hours NA

Official copy and approval sheet filed 11-11-88  
Date

<sup>5</sup>  
APPROVAL OF SPECIALIZATION  
TRACKS IN M.A. IN CLEREO  
PROGRAM only

  
Signature Vice-President for Academic Affairs

**Registrar**

Approved course description received \_\_\_\_\_  
Date

Hegis Taxonomy and Course Number assigned \_\_\_\_\_

\_\_\_\_\_  
Signature, Registrar

\_\_\_\_\_  
Date

**Notification forwarded:**

- Senate Curriculum Committee Chairperson
- Department Chairperson(s)
- Academic Dean(s)
- Registrar
- Sponsor(s)



**GLASSBORO STATE COLLEGE**

School of Education  
and Related Professional Studies

Glassboro, New Jersey 08028-1760 (609) 863-5241

VICE PRESIDENT/PROVOST

NOV 1 1988

Office of the Dean

To: Dr. Adrian Tinsley, Executive Vice President/Provost

From: David E. Kapel, Dean, SERPS *DK*

Date: November 1, 1988

Subj: Revised M.A. in Elementary Education

*ASSBORO STATE COLLEGE*  
*Approved*  
*Approved*  
*Approved*

I have reviewed the materials related to the revision of the M.A. in Elementary Education and the memos from Drs. Clay, Duskow, etc. I have also talked with Drs. Louis Molinari, Brenda Bolay, and Marion Rilling concerning the history of the revision and several of the questions raised in the materials that I've read. The attached program sheets include the opportunity for students in the Math and Language Arts emphases, who have insufficient preparation, to take at least one Arts and Science course related to their appropriate content field. I believe these changes should meet many of the concerns that have been raised.

As you know, the Master of Arts has been used in New Jersey as part of the designation of the Master's Degree in Elementary Education. The M.A. in Elementary Education is used in all of the state colleges. (Frankly, it has been my experience that the degrees, as designed in the state colleges, are really Master of Education or M.S. degrees in Education - but that's the history in this state.) The M.A. nomenclature has created a bit of confusion in relation to the traditional M.A.s found in other colleges and universities throughout the country.

Each emphasis (refer to program sheets) in our M.A. in Elementary Education focuses on professional development (i.e. teaching skills and curriculum). Students will not be able to claim they are specialists in mathematics, English/language arts or in computers as a result of their emphasis. The Elementary Education Department intends to require every student to take the appropriate math or language arts course(s), as offered by the School of Liberal Arts and Sciences, if the individual has a deficiency in his/her area of emphasis; this will be decided on an individual case by case basis.

Again, please note that there will be no additional certifications earned by the recipients of the M.A. in Elementary Education. None of the students will be able to claim that they are specialists or experts in a particular area. We have found that students want to learn more and to improve their curriculum and instructional methodology skills in the areas so designated. These emphases will be beneficial to our graduates. I hope you will approve the revised M.A. in Elementary Education. If you have any additional questions, please do not hesitate to contact me.

## MASTER OF ARTS ELEMENTARY SCHOOL TEACHING

The Master Of Arts in Elementary School Teaching is one of the oldest professional graduate degree programs at Glassboro State College. This program is designed for the advanced development of elementary school teachers beyond the level that is required for their initial preparation. It is the intention of the program to provide certified teachers with deeper insights into their profession and to foster and encourage expansion of specialized knowledge and skills relating to teaching and learning in the elementary curricular areas.

The inclusion of the five curriculum emphasis areas within the program came about as a direct result of and response to the expressed needs of elementary schools who demand greater professional competency of teachers.

# MASTER OF ARTS ELEMENTARY SCHOOL TEACHING

## Suggested Sequence of Courses

At least two Elementary Education Core courses should be taken prior to the special emphasis courses. You will be expected to indicate your probable choice of emphasis at the conclusion of these courses.

1st Basic Professional Course _____	3 sh
1st Elem. Core Course _____	3 sh
2nd Basic Professional Course _____	3 sh
2nd Elem. Core Course _____	3 sh
3rd Elem. Core Course _____	3 sh
1st Emphasis Course _____	3 sh
2nd Emphasis Course _____	3 sh
3rd Emphasis Course _____	3 sh
4th Emphasis Course _____	3 sh
Research Methods Course _____	3 sh
Seminar in Elem. Teaching (1) _____	3 sh
Seminar in Elem. Teaching (2) _____	3 sh

\* There are five special emphasis areas within this program:

1. INSTRUCTIONAL EMPHASIS
2. MATHEMATICS EDUCATION EMPHASIS
3. LANGUAGE ARTS EDUCATION EMPHASIS
4. COMPUTER EDUCATION EMPHASIS
5. CURRICULUM LEADERSHIP EMPHASIS

The program sheets should be reviewed and the Program Advisor should be consulted before emphasis courses are chosen. It should be noted that some students will be required to take additional hours in related Liberal Arts areas if an insufficient background is determined to be present by the advisor.

**MASTER OF ARTS  
ELEMENTARY SCHOOL TEACHING**

**INSTRUCTIONAL EMPHASIS**

33-36 sh

**BASIC PROFESSIONAL AREA.....6 sh**

(Choose one from the following)

Foundations of Education  
Foundations of Multi-Cultural Education  
History and Philosophy of Education

(Choose one from the following)

Educational Psychology  
Psychology of Motivation and Learning  
Adolescent Psychology  
Child Psychology (recommended)  
Psychology of Human Relationships

**ELEMENTARY CORE Required.....9 sh**

Elementary School Curriculum  
Teaching Reading in Elementary Schools  
Analysis of Classroom Teacher Behavior

**INSTRUCTIONAL EMPHASIS.....12 sh**

(Choose three from the following)

Contemporary Curriculum Processes / Math  
Contemporary Curriculum Processes / Language Arts  
Contemporary Curriculum Processes / Science  
Contemporary Curriculum Processes / Social Studies  
Linguistic Emphasis of Language Arts Teaching

(Choose one from the following)

Instructional Applications of Computers  
Computer Assisted Instruction

**RESEARCH METHODS / STATISTICS / RESEARCH SEMINAR.....9 sh**

(Choose one from the following)

Procedures and Evaluation of Research  
Educational Statistics  
Tests and Measurements

(The following are required)

Seminar in Elementary Teaching (1)  
Seminar in Elementary Teaching (2)

**MASTER OF ARTS  
ELEMENTARY SCHOOL TEACHING**

**MATHEMATICS EDUCATION EMPHASIS (ELEM.)**

33-36 sh

**BASIC PROFESSIONAL AREA.....6 sh**

(Choose one from the following)

Foundations of Education  
Foundations of Multi-Cultural Education  
History and Philosophy of Education

(Choose one from the following)

Educational Psychology  
Psychology of Motivation and Learning  
Adolescent Psychology  
Child Psychology (recommended)  
Psychology of Human Relationships

**ELEMENTARY CORE :Required.....9 sh**

Elementary School Curriculum  
Teaching Reading in Elementary Schools  
Analysis of Classroom Teacher Behavior

**ELEM. MATHEMATICS EDUCATION EMPHASIS.....12 sh**

(Choose three from the following)

Contemporary Curriculum Processes / Mathematics  
Piaget and Elem. School Mathematics  
Identification and Treatment of Mathematics Deficiencies.  
Measurement and the Metric System in Elem. School Math.

(Choose one from the following)

Clinical Exp. Elem. School Mathematics  
Instructional Applications of Computers  
Computer Assisted Instruction

\*\* Topics in Elementary School Mathematics 1703.600 (This course will be required if insufficient background is determined by advisor. Additional courses may be required to round out background deficit.)

**RESEARCH METHODS / STATISTICS / RESEARCH SEMINAR.....9 sh**

(Choose one from the following)

Procedures and Evaluation of Research  
Educational Statistics  
Tests and Measurements  
Research Seminar in Elem. Mathematics Education

(The following are required)

Seminar in Elementary Teaching (1)  
Seminar in Elementary Teaching (2)

**MASTER OF ARTS  
ELEMENTARY SCHOOL TEACHING**

**LANGUAGE ARTS EDUCATION EMPHASIS (ELEM.)**

33-36 sh

**BASIC PROFESSIONAL AREA.....6 sh**

(Choose one from the following)

Foundations of Education  
Foundations of Multi-Cultural Education  
History and Philosophy of Education

(Choose one from the following)

Educational Psychology  
Psychology of Motivation and Learning  
Adolescent Psychology  
Child Psychology (recommended)  
Psychology of Human Relationships

**ELEMENTARY CORE :Required.....9 sh**

Elementary School Curriculum  
Teaching Reading in Elementary Schools  
Analysis of Classroom Teacher Behavior

**ELEM. LANGUAGE ARTS EMPHASIS.....12 sh**

(Choose three from the following)

Contemporary Curriculum Processes / Language Arts  
Diagnosis / Evaluation of L.A. Deficiencies  
Current Issues and Trends in Children's Literature  
Linguistic Emphasis of L.A. Teaching

(Choose one from the following)

Instructional Applications of Word Processing and Data Management (rec)  
Computer Assisted Instruction

\*\* History of the English Language 1505.501 (This course will be required if insufficient background is determined by advisor. Additional courses may be required to round out background deficit.)

Studies in American Literature	1502.562	.572	.575
Black American Literature	1502.565		

**RESEARCH METHODS / STATISTICS / RESEARCH SEMINAR.....9 sh**

(Choose one from the following)

Procedures and Evaluation of Research  
Educational Statistics  
Tests and Measurements  
Research Seminar in Elem. Language Arts Education

(The following are required)

Seminar in Elementary Teaching (1)  
Seminar in Elementary Teaching (2)

MASTER OF ARTS  
ELEMENTARY SCHOOL TEACHING

COMPUTER EDUCATION EMPHASIS

33-36 sh

BASIC PROFESSIONAL AREA.....6 sh

(Choose one from the following)

Foundations of Education  
Foundations of Multi-Cultural Education  
History and Philosophy of Education

(Choose one from the following)

Educational Psychology  
Psychology of Motivation and Learning  
Adolescent Psychology  
Child Psychology (recommended)  
Psychology of Human Relationships

ELEMENTARY CORE :Required.....9 sh

Elementary School Curriculum  
Teaching Reading in Elementary Schools  
Analysis of Classroom Teacher Behavior

COMPUTER EDUCATION EMPHASIS.....12 sh

Instructional Applications of Computers  
Computer Assisted Instruction  
Computers and the Curriculum

(Choose one from the following)

Logo  
Pascal  
Advanced Basic  
Instructional Applications of Word Processing and Data Management

Contemporary Curriculum Processes / Math  
Identification and Treatment of Mathematics Def.

RESEARCH METHODS / STATISTICS /RESEARCH SEMINAR.....9 sh

(Choose one from the following)

Seminar in Educational Computing  
Procedures and Evaluation of Research  
Educational Statistics  
Tests and Measurements

(The following are required)

Seminar in Elementary Teaching (1)  
Seminar in Elementary Teaching (2)

MASTER OF ARTS  
ELEMENTARY SCHOOL TEACHING

CURRICULUM EMPHASIS

33-36 sh

BASIC PROFESSIONAL AREA.....6 sh

(Choose one from the following)

Foundations of Education  
Foundations of Multi-Cultural Education  
History and Philosophy of Education

(Choose one from the following)

Educational Psychology  
Psychology of Motivation and Learning  
Adolescent Psychology  
Child Psychology (recommended)  
Psychology of Human Relationships

ELEMENTARY CORE: Required.....9 sh

Elementary School Curriculum  
Teaching Reading in Elementary Schools  
Analysis of Classroom Teacher Behavior

CURRICULUM EMPHASIS.....12 sh

Public School Curriculum  
Fundamentals of Curriculum Development  
Curriculum Theory

(Choose one from the following)

Strategies of Planned Curriculum Change  
Curriculum Evaluation  
Supervision and School Leadership  
Computers and the Curriculum

RESEARCH METHODS / STATISTICS / RESEARCH SEMINAR.....9 sh

(Choose one from the following)

Procedures and Evaluation of Research  
Educational Statistics  
Tests and Measurements

(The following are required)

Research Seminar 1  
Research Seminar 2

SCHEDULING SEQUENCE FOR COURSES IN  
ELEMENTARY SCHOOL TEACHING  
 MASTER OF ARTS


FALL '87	FALL '88	FALL '89
CCP / SCIENCE	CCP / MATH ANAL.CLASS.TCH.BEH.	CCP / SCIENCE ELEM.SCH.CURRIC. ANAL.CLASS.TCH.BEH PIAGET ELEM.SCH.MATH
SEMINAR ELEM.TCH.(1)	SEMINAR ELEM.TCH.(1)	SEMINAR ELEM.TCH.(1)
COMPUTERS/CURRIC	INST.APPS.COMP. COMPUTER ASSISTED INS. LOGO	INST.APPS.COMP. SEMINAR ED. COMP.
SPRING '88	SPRING '89	SPRING '90
CCP/ SOCIAL STUDIES L.A.-LINGUISTICS	L.A.-LINGUISTICS MEAS.METRICS	CCP / SOCIAL STUDIES CCP / LANG.ARTS DIAOG.L.A. DIF.
SEMINAR ELEM.TCH.(2)	SEMINAR ELEM.TCH.(2)	SEMINAR ELEM.TCH.(2)
INST.APPS.COMP. SEMINAR ED. COMP.	COMP/CURRIC COMPUTER ASSISTED INS. WORD PROSSING	COMPUTER ASSISTED INS. LOGO
SUMMER '88	SUMMER '89	SUMMER '90
ELEM.SCH.CURRIC.	IDENT.TREAT.MATH.DEF CLINICAL EXP/MATH CCP / MATH	ELEM.SCH.CURRIC. IDENT.TREAT.MATH.DEF CLINICAL EXP/MATH
WORD PROCESSING	LOGO	WORD PROCESSING



GLASSBORO STATE COLLEGE  
Foundations of Education Department

Glassboro, New Jersey 08028-1757  
(609) 863-7111

February 29, 1988

TO: Dr. Brenda Bolay and the  College Curriculum Committee  
FROM: Dr. Dickinson Gardiner  
RE: M.A. in Elementary School Teaching

I have met with Dr. Molinari and we have agreed that the attached coursework will make up the "Curriculum Emphasis" component of the M.A. in Elementary School Teaching.

I have no further problems with the proposal.

DG/dh



GLASSBORO STATE COLLEGE

Graduate Studies Office

Glassboro, New Jersey 08028-1701 (609) 863-6214

February 9, 1988

TO: Dr. Brenda Bolay  
Chairperson, Senate Curriculum Committee

FROM: Shirley A. O'Day *Shirley*  
Coordinator of Graduate Studies

I support the changes in the M.A. in Elementary School Teaching program. The present program does not appear to meet the needs of the graduate students. In addition, certain required courses in the present program have not been offered for at least three years, and several students had to be granted a waiver and a replacement course used in order for the student to complete the degree.

I suggest, however, that evidence of consultation is needed for the specialization areas that are outside the department, i.e. computer education and curriculum leadership.

cc: Dr. Louis Molinari  
Dr. Marion Rilling



GLASSBORO STATE COLLEGE

Curriculum and Instruction: Secondary Education Department

Glassboro, New Jersey 08028-1752 (609) 863-6071

FEB 5 1988

February 5, 1988

TO: DR. BOLAY, DR. MOLINARI, DR. O'DAY and DR. TOMEI  
FROM: Dr. Dickinson E. Gardiner  
RE: Program Revision

I strongly suggest that the "Curriculum Leadership" Specialization include in the 12 S.H. bank, at least, the courses

Public School Curriculum (0829.547) - a K-12 course  
Curriculum Theory (0829.547)  
Strategies of Planned Curriculum Change (0829.540)

I wonder how one can be a curriculum leader with only 2-3 Master's level curriculum courses. I wish someone had consulted Dr. Tomei and me as I see this duplicating what we now offer in Ed Admin. and Secondary Ed.

Also, I see no consultation with Dr. Levy re the Computer piece.



GLASSBORO STATE COLLEGE

School of Professional Studies Glassboro, New Jersey 08028-1760 (609)863-5241

Office of the Dean

To: Dr. Louis Molinari, Department of Elementary Ed  
From: Marion R. Rilling, Interim Dean *M.R.*  
Date: February 8, 1988  
Subj: Elementary Ed Masters Revisions

I note that the M.A. in elementary teaching is scheduled for open hearing on February 16 at 8:40 A.M. Unfortunately, I am leaving that morning for New Orleans and cannot attend. I know that you will be there. Please be assured you have my complete support. I think you and your committee have done a good job in revitalizing our program.

Good luck!

cc: Dr. Shirley O'Day  
Dr. George Brent

MRR:dm



**GLASSBORO STATE COLLEGE**

**Curriculum and Instruction: Elementary/Early Childhood Education Department**

Glassboro, New Jersey 08028-1758 (609) 863-6363

MEMO TO: GSC Senate Curriculum Committee

DATE: November 13, 1987

FROM: Dr. Louis Molinari

After much consideration and consultation with the Dean of Professional Studies and the coordinator of the Graduate Program the following minor changes are requested for the Graduate MA Program in Elementary Teaching:

1. In place of 0826.505 Pupil Counseling and Guidance, the course Analysis of Classroom Teacher Behavior, 0802.550.
  - a. Justification: The Pupil Counseling and Guidance has not been offered for a number of years and it was felt that the Analysis of Classroom Teacher Behavior would meet the requirements of the degree in a better fashion.
2. In the old program there were two required curriculum courses and two related electives. This area has been combined and is being called the specialization area. Under Specialization Area, in the new program, the Specialization tracks will become available.
  - a. The Instructional Specialization
  - b. Mathematics Education Specialization
  - c. Language Art Education Specialization
  - d. Computer Education Specialization
  - e. Curriculum Leadership Specialization

Since many of these specialization courses have been used as legitimate substitutes in the past the change that is requested is of a minor nature. This redesign has met with the acknowledgement and full approval from the Dean of Professional Studies and it has also been discussed with the Graduate Coordinator, who approves of this minor revision.

# MASTER OF ARTS ELEMENTARY SCHOOL TEACHING

## Suggested Sequence of Courses

At least two Elementary Education Core courses should be taken prior to Specilization courses. You will be expected to indicate your probable choice of Specilization at the conclusion of these courses.

1st Basic Professional Course _____	3 sh
1st Elem. Core Course _____	3 sh
2nd Basic Professional Course _____	3 sh
2nd Elem. Core Course _____	3 sh
3rd Elem. Core Course _____	3 sh
1st Specialization Course _____	3 sh
2nd Specialization Course _____	3 sh
3rd Specialization Course _____	3 sh
4th Specialization Course _____	3 sh
Research Methods Course _____	3 sh
Seminar in Elem. Teaching (1) _____	3 sh
Seminar in Elem. Teaching (2) _____	3 sh

\* There are five Specilization areas within this program:

1. INSTRUCTIONAL SPECIALIZATION
2. MATHEMATICS EDUCATION SPECIALIZATION
3. LANGUAGE ARTS EDUCATION SPECIALIZATION
4. COMPUTER EDUCATION SPECIALIZATION
5. CURRICULUM LEADERSHIP SPECIALIZATION

The program sheets should be reviewed and the Program Advisor should be consulted for further information.

**MASTER OF ARTS  
ELEMENTARY SCHOOL TEACHING**

**INSTRUCTIONAL SPECIALIZATION**

33-36 sh

**BASIC PROFESSIONAL AREA.....6 sh**

(Choose one from the following)

Foundations of Education  
Foundations of Multi-Cultural Education  
History and Philosophy of Education

(Choose one from the following)

Educational Psychology  
Psychology of Motivation and Learning  
Adolescent Psychology  
Child Psychology (recommended)  
Psychology of Human Relationships

**ELEMENTARY CORE Required.....9 sh**

Elementary School Curriculum  
Advanced Teaching of Reading  
Analysis of Classroom Teacher Behavior \_\_\_\_\_

**INSTRUCTIONAL SPECILIZATION.....12 sh**

(Choose three from the following)

Contemporary Curriculum Processes / Math  
Contemporary Curriiulum Processes / Language Arts  
Contemporary Curriculum Processes / Science  
Contemporary Curriculum Processes / Social Studies  
Linguistic Emphasis of Language Arts Teaching

(Choose one from the following)

Instructional Applications of Computers  
Computer Assisted Instruction

**RESEARCH METHODS / STATISTICS / RESEARCH SEMINAR.....9 sh**

(Choose one from the following)

Procedures and Evaluation of Research  
Educational Statistics  
Tests and Measurements

(The following are required)

Seminar in Elementary Teaching (1)  
Seminar in Elementary Teaching (2)

**MASTER OF ARTS  
ELEMENTARY SCHOOL TEACHING**

**INSTRUCTIONAL SPECIALIZATION**

33-36 sh

**BASIC PROFESSIONAL AREA.....6 sh**

(Choose one from the following)

Foundations of Education  
Foundations of Multi-Cultural Education  
History and Philosophy of Education

(Choose one from the following)

Educational Psychology  
Psychology of Motivation and Learning  
Adolescent Psychology  
Child Psychology (recommended)  
Psychology of Human Relationships

**ELEMENTARY CORE Required.....9 sh**

Elementary School Curriculum  
Advanced Teaching of Reading  
Analysis of Classroom Teacher Behavior

**INSTRUCTIONAL SPECILIZATION.....12 sh**

(Choose three from the following)

Contemporary Curriculum Processes / Math  
Contemporary Curriiulum Processes / Language Arts  
Contemporary Curriculum Processes / Science  
Contemporary Curriculum Processes / Social Studies  
Linguistic Emphasis of Language Arts Teaching

(Choose one from the following)

Instructional Applications of Computers  
Computer Assisted Instruction

**RESEARCH METHODS / STATISTICS / RESEARCH SEMINAR.....9 sh**

(Choose one from the following)

Procedures and Evaluation of Research  
Educational Statistics  
Tests and Measurements

(The following are required)

Seminar in Elementary Teaching (1)  
Seminar in Elementary Teaching (2)

**MASTER OF ARTS  
ELEMENTARY SCHOOL TEACHING**

**MATHEMATICS EDUCATION SPECIALIZATION (ELEM.)**

33-36 sh

**BASIC PROFESSIONAL AREA.....6 sh**

(Choose one from the following)

Foundations of Education  
Foundations of Multi-Cultural Education  
History and Philosophy of Education

(Choose one from the following)

Educational Psychology  
Psychology of Motivation and Learning  
Adolescent Psychology  
Child Psychology (recommended)  
Psychology of Human Relationships

**ELEMENTARY CORE :Required.....9 sh**

Elementary School Curriculum  
Advanced Teaching of Reading  
Analysis of Classroom Teacher Behavior

**ELEM. MATHEMATICS EDUCATION SPECIALIZATION.....12 sh**

(Choose three from the following)

Contemporary Curriculum Processes / Mathematics  
Piaget and Elem. School Mathematics  
Identification and Treatment of Mathematics Def.

(Choose one from the following)

Clinical Exp. Elem. School Mathematics  
Instructional Applications of Computers  
Computer Assisted Instruction

**RESEARCH METHODS / STATISTICS / RESEARCH SEMINAR.....9 sh**

(Choose one from the following)

Procedures and Evaluation of Research  
Educational Statistics  
Tests and Measurements  
Research Seminar in Elem. Mathematics Education

(The following are required)

Seminar in Elementary Teaching (1)  
Seminar in Elementary Teaching (2)

**MASTER OF ARTS  
ELEMENTARY SCHOOL TEACHING**

**LANGUAGE ARTS EDUCATION SPECIALIZATION (ELEM.)**

33-36 sh

**BASIC PROFESSIONAL AREA.....6 sh**

(Choose one from the following)

Foundations of Education  
Foundations of Multi-Cultural Education  
History and Philosophy of Education

(Choose one from the following)

Educational Psychology  
Psychology of Motivation and Learning  
Adolescent Psychology  
Child Psychology (recommended)  
Psychology of Human Relationships

**ELEMENTARY CORE :Required.....9 sh**

Elementary School Curriculum  
Advanced Teaching of Reading  
Analysis of Classroom Teacher Behavior

**ELEM. LANGUAGE ARTS SPECIALIZATION .....12 sh**

(Choose three from the following)

Contemporary Curriculum Processes / Language Arts  
Diagnosis / Evaluation of L.A. Deficiencies  
Children's Literature  
Linguistic Emphasis of L.A. Teaching

(Choose one from the following)

Instructional Applications of Word Processing and Data Management (rec)  
Instructional Applications of Computers  
Computer Assisted Instruction

**RESEARCH METHODS / STATISTICS / RESEARCH SEMINAR.....9 sh**

(Choose one from the following)

Procedures and Evaluation of Research  
Educational Statistics  
Tests and Measurements  
Research Seminar in Elem. Language Arts Education

(The following are required)

Seminar in Elementary Teaching (1)  
Seminar in Elementary Teaching (2)

**MASTER OF ARTS  
ELEMENTARY SCHOOL TEACHING**

**CURRICULUM EMPHASIS**

33-36 sh

**BASIC PROFESSIONAL AREA.....6 sh**

(Choose one from the following)

Foundations of Education  
Foundations of Multi-Cultural Education  
History and Philosophy of Education

(Choose one from the following)

Educational Psychology  
Psychology of Motivation and Learning  
Adolescent Psychology  
Child Psychology (recommended)  
Psychology of Human Relationships

**ELEMENTARY CORE: Required.....9 sh**

Elementary School Curriculum  
Teaching Reading  
Analysis of Classroom Teacher Behavior

**CURRICULUM EMPHASIS.....12 sh**

Public School Curriculum  
Fundamentals of Curriculum Development  
Curriculum Theory

(Choose one from the following)

Strategies of Planned Curriculum Change  
Curriculum Evaluation  
Supervision and School Leadership  
Computers and the Curriculum

**RESEARCH METHODS / STATISTICS / RESEARCH SEMINAR.....9 sh**

(Choose one from the following)

Procedures and Evaluation of Research  
Educational Statistics  
Tests and Measurements

(The following are required)

Research Seminar 1  
Research Seminar 2

**MASTER OF ARTS  
ELEMENTARY SCHOOL TEACHING**

**COMPUTER EDUCATION SPECIALIZATION**

33-36 sh

**BASIC PROFESSIONAL AREA.....6 sh**

(Choose one from the following)

Foundations of Education  
Foundations of Multi-Cultural Education  
History and Philosophy of Education

(Choose one from the following)

Educational Psychology  
Psychology of Motivation and Learning  
Adolescent Psychology  
Child Psychology (recommended)  
Psychology of Human Relationships

**ELEMENTARY CORE :Required.....9 sh**

Elementary School Curriculum  
Advanced Teaching of Reading  
Analysis of Classroom Teacher Behavior

**COMPUTER EDUCATION SPECILIZATION.....12 sh**

Instructional Applications of Computers  
Computer Assisted Instruction  
Computers and the Curriculum

(Choose one from the following)

Logo  
Pascal  
Advanced Basic  
Instructional Applications of Word Processing and Data Management

Contemporary Curriculum Proseses / Math  
Identification and Treatment of Mathematics Def.

**RESEARCH METHODS / STATISTICS /RESEARCH SEMINAR.....9 sh**

(Choose one from the following)

Seminar in Educational Computing  
Procedures and Evaluation of Research  
Educational Statistics  
Tests and Measurements

(The following are required)

Seminar in Elementary Teaching (1)  
Seminar in Elementary Teaching (2)

SCHEDULE SEQUENCE FOR COURSES IN  
ELEMENTARY SCHOOL TEACHING  
 MASTER OF ARTS

FALL '87	FALL '88	FALL '89
CCP / SCIENCE	CCP / MATH ANAL.CLASS.TCH.BEH.	CCP / SCIENCE ELEM.SCH.CURRIC. ANAL.CLASS.TCH.BEH PIAGET ELEM.SCH.MATH
SEMINAR ELEM.TCH.(1)	SEMINAR ELEM.TCH.(1)	SEMINAR ELEM.TCH.(1)
SPRING '88	SPRING '89	SPRING '90
CCP/ SOCIAL STUDIES L.A.-LINGUISTICS	L.A.-LINGUISTICS MEAS.METRICS	CCP / SOCIAL STUDIES CCP / LANG.ARTS DIAOG.L.A. DIF.
SEMINAR ELEM.TCH.(2)	SEMINAR ELEM.TCH.(2)	SEMINAR ELEM.TCH.(2)
SUMMER '88	SUMMER '89	SUMMER '90
ELEM.SCH.CURRIC.	IDENT.TREAT.MATH.DEF CLINICAL EXP/MATH CCP / MATH	ELEM.SCH.CURRIC. IDENT.TREAT.MATH.DEF CLINICAL EXP/MATH