

Six Guiding Principles

Six guiding principles provide the conceptual framework for all IU-Bloomington Teacher Education Programs. You are expected to become knowledgeable about and to promote these Six Guiding Principles of the Teacher Education Office in classes, field work, and student teaching. The Principles include the following:

- **Knowledge:** You are expected to be well-grounded in student development and the content areas that are central to your teaching. You will demonstrate an ability to integrate content pedagogical knowledge by connecting content knowledge to student learning objectives with skill and creativity.
- **Learning Environment:** You are expected to create and nurture a positive learning environment as evident in your planning, instruction, assessment and classroom management.
- **Community:** You are expected to understand and be involved in your academic learning community. You will build and develop relationships within the school, corporation, and community. Within the classroom, you will create a positive, inclusive environment.
- **Personalized Learning:** You are expected to understand students' interests, learning styles, and goals. You will demonstrate instruction that reflects the diversity among all learners.
- **Reflection:** You are expected to reflect continuously on all aspects of the teaching experience to identify ways for improvement as an individual, as part of the school community, and as part of the teaching profession.
- **Growth:** You are expected to develop a philosophy of teaching and learning. This philosophy and continuous professional growth will include values, commitments, and professional development.

Organization of the School of Education

University Dean, Gerardo M. Gonzalez, Education 4130, 856-8001

Executive Associate Dean, Joyce Alexander, Education 4268, 856-8327

Associate Dean for Graduate Studies, Elizabeth Boling, Education 4210, 856-8451

Associate Dean for Research and Development, Robert D. Sherwood, Education 2108, 856-8154

Associate Dean for Teacher Education, Tom Brush, Education 1060, 856-8581

Assistant Dean for Teacher Education, Jill Shedd, Education 1040, 856-8513

School of Education Departments

Counseling and Educational Psychology

Ginette Delandshere, Chair, Education 4038, 856-8301

Administrative Assistant, Charlene Conner, Education 4042, 856-8322

Includes: Counseling/Counselor Education, Counseling Psychology, Educational Psychology, Developmental Psychology, Educational Inquiry Methodology, Learning Sciences, and School Psychology.

Curriculum and Instruction

Chair, Jesse Goodman, Education 3204, 856-8143

Associate Chair, Lara Lackey, Education 3218, 856-8150

Administrative Assistant, Catherine Overbey, Education 3202, 856-8127

Includes: Art Education, A Community of Teachers, Curriculum Studies, Early Childhood, Elementary Education, Mathematics Education, Science and Environmental Education, Secondary Education, Social Studies, Special Education, Teaching All Learners, Gifted and Talented Education, Elementary Transition to Teaching, and Secondary Transition to Teaching.

Educational Leadership and Policy Studies

Chair, Gary Crow, Education 4228, 856-8384

Administrative Assistant, Sandy Strain, Education 4228, 856-8370

Includes: Educational Foundations, Educational Leadership, Education Policy, Higher Education, International and Comparative Education, and Student Affairs Administration.

Instructional Systems Technology

Chair, Ted Frick 2276, 856-8460

Administrative Assistant Sarah Childers, Education 2276, 856-8455

Literacy, Culture, and Language Education

Chair, Larry Mikulecky Chair, Education 3038, 856-8277

Administrative Assistant, Gayla Pate, Education 3044, 856-8284

Includes: Elementary Reading/Language Arts and Literacy, English Education, Reading Literacy Education, Education and ESL Education, Middle School/Secondary Reading/Content/Literacy Education, DE Language and Literacy Education

Teacher Education Program 2011-2012
PROGRAM COORDINATORS

A Community of Teachers

Rob Kunzman
856-8122 rkunzman

Early Childhood
Mary McMullen
856-8393 mmcmulle

Elementary Transition to Teach

Diana Lambdin
856-8149 lambdin
Jesse Goodman
856-8143 goodmanj

Elementary Theory into Practice

Peter Kloosterman
Klooster – 6-8136

TAL Teaching All Learners

Jeff Anderson
856-8155 jander2

Music Education

Katherine Strand
856-5015 kstrand

Secondary Overall

Secondary English
Stephanie Carter
856-8265 stecarte

Secondary Math

Peter Kloosterman
Klooster 6-8136

Secondary Science

Bob Sherwood
856-8154 rdsherwo

Secondary Social Studies

Keith Barton
856-8058 kabarton

Transition to Teach

Ben Edmonds
856-8162 bcedmond

Visual Arts

Marjorie Manifold
856-8133 mmanifol

Teacher Education Program 2011-2012

COURSE COORDINATORS

CROSS PROGRAM COURSES

Elementary Program **H205 – Introduction to Educational Thought**

Luise McCarty
Education 4236
6-8385 - lmcarty

Secondary Program

K306 – Teaching Students with Special Needs

Terri Ochoa
6-8135 tochoa

M300 – Multicultural Education

Carol-Anne Hossler
Education 3262
6-8158 - chossler

P313/P312 – Educational Psychology

Melissa Gresalfi
Education 4060
6-8328 – mgresalf
Ann Stright
Education 4058
68318 - astright

Any Program

F200/G203 – Exploratory Courses

Catherine Gray
Education 0028
6-8547 - catgray

H340 – Education and American Culture

Peg Sutton
Education 4254
6-8530 - msutton

W200/W310 – Instructional Computing

Anne Leftwich
Education 2220
6-8456 – aleftwic

ART EDUCATION

M130/M135/ M430 Methods/Field Experiences Art Methods

Marjorie Manifold
Education 3227
6-8133 mmanifol

M330/M333 Art Method/Field Experiences.

Laura Lackey
Education 3218
6-8150 llackey

ELEMENTARY NON-CLUSTER COURSES

E300 – Multicultural Education

Carol-Anne Hossler
Education 3262
6-8158 - chossler

A308 – Legal Issues and Ethical Issues

(Secondary/Elementary)
Suzanne Eckes
Education 4234
6-8376 – seckes

K205/K305 – Special Education

Terri Ochoa
Education 3222
tochoa

M323 – Teaching Music in Elem Schools.

Katherine Strand
Simon 145D
6-5015 - kstrand

P251/P254/P313/P312 – Educational Psychology

Melissa Gresalfi
Education 4060
6-8328 - mgresalf
Ann Stright
Education 4058
68318 - astright

Q200 – Science Education

Gayle Buck
Education 3068
6-8171 - gabuck

ELEMENTARY CLUSTERS

Math Science Cluster: **M201/E328/E343**

M201 – Seminars/Field Experiences

E328 – Science Methods

Meredith Park Rogers
Education 3072
6-8168 - mparkrog

E343 – Elementary Math Methods

Peter Kloosterman
Education 3274
6-8147 – klooster

M201 – Math/Science Early Field Experience

Enrique Galindo
Education 3109
6-8515-egalindo

Language Ed. Reading Cluster, **M301/E339/E340**

Carmen Medina
Education 3020
6-8257 - cmedina

Social Studies/Reading/Art Cluster: M401/E325/E341

M401 – Seminars/Field Experiences

Leana McClain
Education 3266
6-8160 - lemclai

E325 – Social Studies Methods

Lean McClain
Education 3226
6-8160 - lemclai

M333 – Methods of Teaching Art

Laura Lackey
Education 3218
6-8150 llackey

E341/E342 – Methods of Teaching Reading

Carmen Medina
Education 3020
6-8257 – cmedina

TEACHING ALL LEARNERS:

K344/K362/ E342/ K370/K495

K344/K362/K370/K495 – Special Education Methods

Jeff Anderson
Education 3232
6-8155 – jander2

Teacher Education Program 2011-2012
COURSE COORDINATORS

SECONDARY METHODS

M428/M416 – English Methods

Stephanie Carter
Education 3018
6-8265 - stecarte

**M432/M445 – Foreign
Language Methods**

Martha Nyikos
Education 3016
6-8272 - nyikos

M321/M422 – Math Education

Peter Kloosterman
Education 3214
6-8147 – klooster

**M464/M469 – Methods of
Teaching Reading**

James Damico
Education 3028
6-8267

M346/M446 – Science Methods

Bob Sherwood
6-8154 - rdsherwo

**M341/M421/M441 – Social
Studies Methods**

Keith Barton
Education 3234
6-8058-kabarton

School of Education, Office of Teacher Education, Room 1000
Indiana University Bloomington

2011-2012 Undergraduate Teacher Licensing Programs

E-mail questions to: edhelp@indiana.edu or

Call 812-856-8500 to schedule an undergraduate academic advising appointment

Obtain a program sheet from an academic advisor or: <http://education.indiana.edu/ProgramSheets>

PRESCHOOL & ELEMENTARY: PRIMARY

EARLY CHILDHOOD EDUCATION (Grades P-3)

(127+ credits)

ELEMENTARY: PRIMARY & INTERMEDIATE

Theory into Practice (Grades K-6)

(131+ credits)

**EXCEPTIONAL NEEDS AND ELEMENTARY EDUCATION:
PRIMARY & INTERMEDIATE**

Teaching All Learners (Grades K-6)

(130+ credits)

MIDDLE SCHOOL/JUNIOR HIGH/HIGH SCHOOL
(Grades 5-12)

Anchor Secondary Education

Content Field Specialist (See list that follows)
(124 credits - minimum)

Community of Teachers (CoT)

Content Field Specialist (See list that follows)
(124 credits - minimum)

Content Fields for Middle School/Junior High/High School

Exceptional Needs: Mild Intervention (CoT only)

Health Education: Contact School of Health, Physical Education & Recreation for program details

Journalism: Contact the School of Journalism for course details

Language Arts/English

Mathematics

Science (Select one subject area):

Chemistry, Earth-Space Science, Life Science/Biology, & Physics

Social Studies: Economics, Geographical Perspectives, Government & Citizenship, Historical Perspectives, Psychology, & Sociology

Theatre: Contact the Department of Theatre and Drama for program details

NOTE: Bachelor degrees may be available from schools other than Education. Students must meet the requirements for graduation outlined by that school, in addition to School of Education and state licensing requirements.

ALL SCHOOL SETTINGS PROGRAMS (Grades P-12)

Music Education

Contact School of Music for program details

Physical Education

Contact School of Health, Physical Education & Recreation for program details

Visual Art

Content Field Specialist (Art)
(124 credits - minimum)

World Languages

Content Field Specialist (World Language)
Chinese*, French, German, Japanese*, Latin, Russian, or Spanish (124 credits - minimum)
*Degree conferred through the College

LICENSE ADDITIONS

(Must be paired with one of the preceding programs)

Computer Educator (Grades K-6)

(21 credits)

Computer Educator (Grades 5-12)

(21 credits)

English as a New Language (Grades K-6)

(22 credits)

English as a New Language (Grades 5-12)

(27 credits)

Health (Grades 5-12) (30 credits)

Contact School of Health, Physical Education & Recreation for program details

Journalism (Grades 5-12)

(32 credits)

Middle Grades Mathematics (Grades 5-9)

(32-33 credits)

Physical Education (Grades K-6) (31 credits)

Contact School of Health, Physical Education & Recreation for program details

Physical Education (Grades 5-12) (31 credits)

Contact School of Health, Physical Education & Recreation for program details

Reading Level 1: (Grades K-6) (24 credits)

Reading Level 1: (Grades 5-12) (24 credits)

Theatre (Grades 5-12) (32 credits)

School of Education, Office of Teacher Education, Room 1000
Indiana University, Bloomington
2011 - 2012

E-mail questions to: edhelp@indiana.edu or
Call 812-856-8500 to schedule an academic advising appointment
Access the links listed below at: <http://education.indiana.edu/teptesting>

TEP ADMISSION TESTING REQUIREMENTS

Students may satisfy the Academic Skills Assessment requirement for admission to the TEP by using any of the following options:

- Qualifying scores on the Praxis I
 - Reading 176; Writing 172; Math 175
 - Praxis I combined scores of at least 527
 - Reading + Writing + Math scores = 527
 - SAT composite score of at least 1100
 - MA + VE = 1100
 - ACT composite score of at least 24
 - EN + MA + RE + SR scores divided by 4 = 24
 - GRE score of at least 1100 based on Verbal + Quantitative (VA + QU = 1100)
 - A Master's Degree from a regionally accredited institution
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PRAXIS I TEST PREPARATION MATERIALS

- **FREE Practice Test for IU Bloomington students:** Access Learning Express Library at: <http://www.libraries.iub.edu/scripts/countResources.php?resourceId=829699> >Login (Returning User) or Register (New User)>Jobs & Careers>Teaching>PPST Praxis I Preparation.
If you experience problems with your Learning Express Returning User Login or New User Registration, contact the IUB Library support center at libref@indiana.edu for assistance.
If you experience problems accessing the Learning Express Library test from an off-campus computer, you may need to authenticate using the IU VPN. Call the University Information Technology Services (UITS) Support Center at 812-855-6789 for instructions.
 - **ETS Reducing Test Anxiety (PDF):** Helps you learn how to recognize and cope with test anxiety: www.ets.org/praxis/anxiety.
 - **ETS Tests at a Glance (PDF):** Provides detailed descriptions of each test, plus sample questions and rationales for the best answers: www.ets.org/praxis/taag.
 - **ETS FREE Webinars:** Web seminars offered periodically. ETS presents a plan to guide test takers as they prepare for the *Praxis I* Pre-Professional Skills Test. Participants will learn more about the *Praxis I* test and what test preparation resources are available for Praxis assessments. Visit www.ets.org/praxis/webinars for session dates.
 - **FREE Self Assessment Modules, quizzes & online resources available**
at: http://testprepreview.com/praxis_practice.htm
 - **FREE Downloadable 70 page study guide and practice questions:** <http://www.studyguidezone.com/praxistest.htm>
 - **Study Guides** are available in the School of Education Library and directly from ETS
at: <http://www.ets.org/praxis/testprep>. Test codes are available online or in the Office of Teacher Education.
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OFFICIAL ETS SCORE REPORTS

Request to have your score report sent to: IU Bloomington, School Code 1324

- Paper score reports will no longer be mailed to Praxis examinees.
- Examinees must create a user account at www.ets.org/praxis to access their online score reports.
- The official score report will be available online via the examinee's Praxis account approximately 4 weeks after the test date. Print a copy of the report for your files.
- Online scores will be available to download for 45 calendar days from the score reporting date.
- After the 45 days, candidates must request an additional score report and pay \$40 to ETS.
- ETS will send paper score reports to the examinee's designated score recipients (IU Bloomington 1324).

COMPUTER-DELIVERED PRAXIS I (C-PPST) TESTS MAY BE TAKEN THROUGHOUT THE YEAR

Testing sessions: Reading (46 multiple-choice questions=75 minutes), Mathematics (46 multiple-choice questions=75 minutes) and Writing-2 sections (44 multiple-choice questions=38 minutes and 1 essay=30 minutes). Use of calculators for the Mathematics test is prohibited.

Allow 2 hours for each testing session or 4 ½ hours for a combined testing session (all 3 tests during the same testing session). Each session includes time for tutorials and the collection of background information. The combined test includes time for an optional 15-minute break.

How to register for the computer-delivered Praxis I tests:

- To make a testing appointment at the IUB Evaluation Services and Testing Office (BEST) Computer-Delivered Testing Center in Franklin Hall, Room 014 (Ground Level), call 1-812-856-0684 if you have a credit or debit card. To pay by check or money order, go directly to (BEST) Franklin Hall, Room 014. **OR**
- Call Prometric Candidate Services at 1-800-853-6773 or 1-443-751-4859 to schedule a test at another center in Indiana or outside of Indiana. See the complete list of test centers at www.ets.org/praxis (Select: Find a Test Location). **OR**
- Mail your completed Computer-Delivered Test Authorization Voucher Request form to ETS with your check, money order or other payment information. Form is available online at www.ets.org/praxis.

Preview what to expect when visiting a Prometric Testing center. Watch a 7-minute virtual tour video entitled *Welcome to Your Computerized Praxis Testing Experience* available at: www.ets.org/praxis > [Easing Praxis™ Test-Taker Anxiety Focus of New Video](#). *“The seven-minute virtual tour reviews identification requirements, the registration process, security procedures, score reporting and the check-out process. Moreover, test takers can see how the exam administration actually begins, including initial prompts, background questions and a tutorial with instructions and question types.”*

Test Fees 2011-2012: \$80 for one test, \$120 for two tests. If you select to take all three tests on the same day during the same appointment, the combined-test fee is \$130. If you select to take each of the three tests on separate days, the fee is \$160 for the three tests.

Test Retake Policy for Computer-Delivered Tests: You may take each *Praxis*™ computer-delivered test only once every 30 consecutive days, not including the day of your test. If you wish to retest, you must select a test date that is more than 30 days after your previous test date. (**Note:** if you take the combined PPST test, you cannot take an individual PPST test until after the 30-day period.) This applies even if you canceled your scores on a test taken previously. If you violate this restriction, the scores from your retest will not be reported and your test fees will not be refunded.

PAPER-DELIVERED PRAXIS I (PPST) SCHEDULED TEST DATES

Testing sessions: Reading (40 multiple-choice questions=60 minutes), Math (40 multiple-choice questions=60 minutes) and Writing-2 sections (38 multiple-choice questions=30 minutes and 1 essay=30 minutes). Use of calculators for the Mathematics test is prohibited.

2011 Paper-Delivered Praxis I Test Dates

- **November 12, 2011** (Registration must be received by **October 13, 2011**)

2012 Paper-Delivered Praxis I Test Dates

- **January 14, 2012** (Registration must be received by **December 15, 2011**)
- **March 10, 2012** (Registration must be received by **February 9, 2012**)
- **April 28, 2012** (Registration must be received by **March 29, 2012**)
- **July 21, 2012** (Registration must be received by **June 21, 2012**)

How to register for the paper-delivered Praxis I tests:

- If you are using a credit or debit card, register online at: www.ets.org/praxis (Select: Register for a Test). **OR**
- Mail your completed Paper-Delivered Test Registration form to ETS with your check, money order or other payment information. Note the deadline to apply. Allow three (3) weeks for processing. Form is available online at www.ets.org/praxis.

Test Fees 2011-2012: \$40 per test (\$120 for 3 tests), **plus** a \$50 one-time nonrefundable registration fee (\$120+\$50). The \$50 fee covers all paper-delivered tests taken in the same testing year (September 1- August 31).

Program is under revision to meet the emerging Indiana Rules for Educator Preparation and Accountability (REPA) requirements. Please see an education advisor for more details.

This program sheet is effective for all students seeking admission to the School of Education & Teacher Education Program during fall 2011 to begin the clusters spring 2012.



B.S. EDUCATION: SPECIAL EDUCATION/ELEMENTARY: TEACHING ALL LEARNERS

The Bachelor of Science in Special Education/Elementary leads to a teaching license for generalist and exceptional needs, mild intervention teaching in grades K-6. Course requirements for this program are valid at IUB as reflected in the School of Education Bulletin. A 4 year college plan of **130+ credits** requires completion of 16-17 credits each semester. The following are required for retention, student teaching and graduation: a 2.0 GPA in each content area; a 2.5 GPA overall; and a grade of C or better in all professional education courses.

June 2011

GENERAL EDUCATION REQUIREMENTS

<http://www.iu.edu/~bulletin/iub/general-education/2011-2012>

(Careful selection & completion of courses with a "C" or higher grade may allow double counting within General Education, Professional Education &/or Content Field.)

	<u>Credits</u>
1. Foundations	
• English Composition (EC)	3
• Mathematical Modeling (MM)	3
2. Breadth of Inquiry	
• Arts & Humanities (A&H)	6
• Natural & Mathematical Sciences (N&M)	5-6
• Option I: Two courses with one a Natural Science (NS) OR	
• Option II: One 5 hr Science with a lab (LAB)	
• Social & Historical Studies (S&H)	6
3. World Languages & Cultures	6
• Option I: Language Study (WL) OR	
• Option II: World Culture (WC) OR	
• Option III: International Experience (IE)	
4. Shared Goals for the School of Education	
• Intensive Writing (IW) (EDUC-H 205 or H 340)	3
• Information Fluency (IF) (EDUC-W 200)	3
• Diversity in the United States (D) (EDUC-E 300)	3
• Enriching Educational Experiences (EEE) (EDUC-M 425 & K 480)	16

ADMISSION REQUIREMENTS

(Competitive enrollment. Meeting the minimum requirements does not guarantee admission.)

- Students may satisfy the Academic Skills Assessment requirement for admission to the TEP by using any of the following options:
 - Qualifying scores on PRAXIS I
 - Reading 176, Writing 172, Math 175
 - PRAXIS I combined score of at least 527
 - Sum of Reading + Writing + Math scores = 527
 - SAT combined score of at least 1100
 - Sum of MA + VE = 1100
 - ACT composite score of at least 24
 - Sum of EN + MA + RE + SR scores divided by 4 = 24
- 2.5 GPA overall.
- Applicants must have completed or be enrolled in 26+ credits of coursework including the following:

<u>Courses</u>	<u>Credits</u>
• Math 1 (EDUC-N 101 or MATH-T101)	3
• Scientific Inquiry (EDUC-Q 200)	3
• Exceptional Children (EDUC-K 205)	3
• Educational Psychology for Elem Teachers & Lab/Field Experience (EDUC-P 251 & M 101)	4
• Technology (EDUC-W 200)	3
- Apply by October 1 for Spring Semester.
- Submit TEP Application Online: <https://info.educ.indiana.edu/teachered/>

I. CONTENT REQUIREMENTS

51-54 credits

Language Arts (2.0 GPA) 12-16 credits

Oral Expression (Select one) (Grade of C or higher required)		
CMCL-C 121	<i>Public Speaking (A&H)</i>	3
CMCL-C 122	<i>Interpersonal Communication (S&H)</i>	3
EDUC-G 203	<i>Communication in the Classroom (S&H)</i>	3

English Composition (EC) (Select one) (Grade of C or higher required)

CMLT-C 110	<i>Writing the World</i>	3
ENG-W 131	<i>Elementary Composition OR</i>	3
ENG-W 131EX	<i>Elementary Composition-Exempt</i>	0
ENG-W 170	<i>Projects in Reading and Writing</i>	3

American/World Literature (Select one)

AAAD-A 379	<i>Early Black American Writing</i>	3
CMLT-C 340	<i>Women in World Literature</i>	3
ENG-L 111	<i>Discovering Literature (A&H)</i>	3
ENG-L 203	<i>Introduction to Drama (A&H)</i>	3
ENG-L 204	<i>Introduction to Fiction (A&H)</i>	3
ENG-L 205	<i>Introduction to Poetry (A&H)</i>	3
ENG-L 206	<i>Introduction to Prose (Excluding Fiction) (A&H)</i>	3
ENG-L 210	<i>Studies in Popular Lit & Mass Media (A&H)</i>	3
ENG-L 213	<i>Literary Masterpieces I (A&H)</i>	3
ENG-L 214	<i>Literary Masterpieces II (A&H)</i>	3
ENG-L 240	<i>Literature & Public Life (A&H)</i>	3
ENG-L 357	<i>Twentieth Century Am. Poetry</i>	3
ENG-L 358	<i>American Literature 1914-1960</i>	3
ENG-L 364	<i>Native American Literature</i>	3
ENG-L 369	<i>Studies in British & American Authors</i>	3

Oral/Written/Literature Elective (Select one from above or below)

CMCL-C 223	<i>Business & Prof. Communication</i>	3
ENG-W 103	<i>Intro Creative Writing (A&H)</i>	3
ENG-W 203	<i>Creative Writing (P: W103)</i>	3
ENG-W 231	<i>Professional Writing Skills (P: W131)</i>	3
ENG-W 270	<i>Argumentative Writing (P: W131)</i>	3
ENG-W 301	<i>Writing Fiction (P: W103 or W203)</i>	3
ENG-W 303	<i>Writing Poetry (P: W103 or W203)</i>	3
ENG-W 350	<i>Advanced Expository Writing (P: W131)</i>	3
SPHS-A 100	<i>American Sign Language Level I</i>	4

Children's Literature (Select one)

EDUC-X 460	<i>Books for Reading Instruction</i>	3
ENG-L 390	<i>Children's Literature</i>	3

Fine Arts (2.0 GPA) 6 credits

Music		
MUS-E 241	<i>Intro to Music Fundamentals</i>	3

Art (Select one)

EDUC-M 135	<i>Self Instruction in Art</i>	3
EDUC-M 200	<i>Artifacts & Museums in Everyday Life (A&H)</i>	3
FINA-N 110	<i>Intro to Studio Art for Non-majors (A&H)</i>	3

Mathematics (2.0 GPA) 9-10 credits

EDUC-N 101	Teach & Learn Elem School Math OR	3
MATH-T 101	Mathematics for Elem. Teachers I	
MATH-A 118	Finite Mathematics for the Social & Biological Sciences (MM) OR	3-4
MATH-M 118	Finite Mathematics (MM) OR	
MATH-S 118	Honors Finite Math (MM) OR	
MATH-V 118	Finite Math with Applications (MM) OR	
MATH-D 116	Intro. to Finite Math I AND	
MATH-D 117	Intro to Finite Math II (MM)	
EDUC-N 103	Teach & Learn Elem School Math II (P: EDUC-N101 or MATH-T101 with a grade of C or better) OR	3
MATH-T 103	Mathematics for Elem. Teachers III (P: EDUC-N 101 or MATH-T 101 with a grade of C or better)	

Science (2.0 GPA) 12-13 credits

BIOL-Q 201	Biological Science for Elem. Teachers (P: EDUC-Q 200)	3
EDUC-Q 200	Intro to Scientific Inquiry	3
GEOL-G/S 103	Earth Sci: Mat. & Processes (N&M) (NS) OR	3
GEOL-G 104	Evolution of the Earth (N&M) (NS) OR	3
GEOL-G 105	Earth, Our Habitable Planet (N&M) (NS)	3
PHYS-P 199	Physical Science through Inquiry (N&M) (NS) OR	3
PHYS-P 101	Physics in the Modern World (N&M) (NS)	4

Social Studies (2.0 GPA) 9 credits

U.S. History (Select one)

HIST-H 105	American History I (S&H)	3
HIST-H 106	American History II (S&H)	3

World Civilization (Select one)

ANTH-E 205	Peoples of the World (WC)	3
FOLK-F 111	World Music & Culture (A&H) (WC)	3
GEOG-G 110	Introduction to Human Geography (S&H)	3
GEOG-G 120	World Regional Geography (S&H)	3
HIST-B 200	Issues in Western European History (S&H) (WC)	3
HIST-H 101	World in 20th Century I (S&H) (WC)	3
HIST-H 102	World in 20th Century II (S&H) (WC)	3
HIST-H 103	Europe: Renaissance to Napoleon (S&H) (WC)	3
HIST-H 104	Europe: Napoleon to Present (S&H) (WC)	3
HIST-H 205	Ancient Civilization (S&H) (WC)	3
HIST-H 206	Medieval Civilization (S&H) (WC)	3
HIST-H 240	History of World Populations (S&H) (WC)	3
INTL-I 203	Global Integration & Development (S&H) (WC)	3
INTL-I 206	Nations, States & Boundaries (S&H) (WC)	3

Social Studies Elective

Select an S&H course from the following departments only: Economics, Geography, History, Political Science, Psychology or Sociology. **(Recommended: Take a course that meets both the S&H and WC requirements. (i.e., a HIST course other than U.S.))**

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**II. PROFESSIONAL EDUCATION
79 credits/2.5 GPA
(Grade of C or higher required in each EDUC course listed below prior to student teaching.)**

Non-Authorized Pre-Requisite Courses (Must be completed or enrolled in before admission to TEP) 10 credits

EDUC-K 205	Intro to Exceptional Children (S&H)	3
EDUC-P 251	Ed Psy for Elem Teachers AND	3
EDUC-M 101	Lab/Field Experience	1
EDUC-W 200	Using Computers in Education (IF)	3

Non-Authorized Courses (Must be completed before student teaching) 6 credits

EDUC-E 300	Elem. Ed. for a Pluralistic Society (P: Soph. Standing) (D)	3
EDUC-H 205	Introduction to Educational Thought (R: English Comp) (S&H) (IW) OR	3
EDUC-H 340	Education & American Culture (P: English Comp & Soph. Standing) (IW)	

Authorized Courses 63 credits

Courses must be taken in prescribed clusters. Successful completion (C or higher grade) of all courses in each cluster is a prerequisite for the next cluster and student teaching.

Clusters must be completed in sequence, without interruption, from one semester to the next. Students may add an additional semester(s) between the completion of the Senior Cluster and Student Teaching.

Sophomore Cluster (Spring only) 6 credits

EDUC-K 343	Educ of the Socially & Emotionally Disturbed I	3
EDUC-K 370	Intro. to Language & Learning Disorders	3

Junior Cluster (Fall only) 14 credits

(P/C: PHYS-P 199 or P 101; MATH-A/M/S/V 118 or D 116 & D 117; & EDUC-N 103 or MATH-T 103)

EDUC-E 328	Science in Elementary Schools	3
EDUC-E 343	Mathematics in Elementary School	3
EDUC-M 201	Lab/Field Experience	2
EDUC-E 342	Survey of Reading & Lang Arts Methods	3
EDUC-K 352	Educ. of Children with Learning Disorders	3

Junior Cluster (Spring only) 15 credits

EDUC-E 325	Social Studies in Elementary Schools	3
EDUC-E 341	Methods of Teaching Reading II	3
EDUC-M 333	Art Experiences for the Elem Teacher	2
EDUC-K 352	Educ. of Children with Learning Disorders	1
EDUC-K 371	Assessment & Individualized Instruction in Reading & Math	3
EDUC-K 495	Practicum	3

Senior Cluster (Fall only) 12 credits

EDUC-K 344	Educ of the Socially & Emotionally Disturbed II	3
EDUC-Y 420	Approaches & Issues in Educ Research	1
EDUC-K 361	Assistive Technology for Elementary Students with Disabilities	3
EDUC-K 362	Team Approaches to the Education of Students with Disabilities	3
EDUC-K 495	Practicum	2

Student Teaching 16 credits

EDUC-M 425	Student Teaching: Elementary (8 wks) (EEE)	8
EDUC-K 480	Student Teaching: Special Ed (8 wks) (EEE)	8

III. ELECTIVES