

# REAL Curriculum Program Alignment Proposal

## Program Details

Department or School: School of Teacher Education and Leadership Date: 2/1/21

Degree type: BS BA BBA BSN BM BFA BSW Minor Certificate

Program: Interdisciplinary Early Childhood Program (B.S. Licensure & Non-licensure option)

REAL Area Program Designation Sought (check all that apply): R E A L

Dept/School Contact: Amanda Bozack, Chair of the School of Teacher Education and Leadership  
([abozack@radford.edu](mailto:abozack@radford.edu))

The BS requirements for the major are covered in the program requirements and no change is being requested.

BS/BA Requirements: \_\_\_\_\_

## Course and Learning Goal and Outcomes Documentation Identification

- Any degree program that fulfills a REAL area must include at least 9 unique credit hours for each area covered. At least 3 of these 9 credit hours must be at the 300 level or above
- A single major degree program may fulfill no more than three REAL areas for any one student, unless all four REAL areas are fulfilled by accreditation or licensure requirements.
- A single minor or certificate degree program may fulfill no more than two REAL areas.
- Degree program may cover up to two REAL areas using a single prefix.
- All courses documenting the coverage of a REAL area must fulfill all learning outcomes and be designated in that area.
- All courses that document fulfillment of a REAL area within a degree program of study are NOT required to be taught by the department/school. However, departments/schools are expected to formally communicate with other departments about reliance on and inclusion of courses in their degree program plans of study. Indicate this through signature of chair or director of the partnering department or school in the areas below.
- Departments or schools that seek to fulfill REAL areas must acknowledge assessment requirements for those areas. Assessment of degree seeking students is required to be conducted yearly by the department or school offering the degree program.
- If departments or schools want to use a menu of courses to fulfill a particular area, please duplicate the sections below for each REAL area and include information for each course included in the menu of options.
- Please save this file for submission as PROGRAM NAME\_ProgramType.docx (Example: Criminal Justice\_BS.docx)

By signing, the department/school acknowledges the above conditions and considerations:

Dept/School Signature	Date:
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**Official Program Description:**

**This is the most up-to-date language that should be reflected in the upcoming catalog.**

Early Childhood Education and Early Childhood Special Education Five-Year Program

Upon successful completion of the four-year program, including passing licensure assessments and field experiences, students earn a bachelor's degree and are eligible to apply for licensure with an endorsement in Early Childhood Special Education, (Birth-Age 5 all disabilities). Students pursuing teacher licensure must apply, be accepted, and meet retention requirements for the Teacher Education Program (see admission procedure for details).

Students may also pursue a non-licensure route, earn their bachelor's degree, and not take and/or pass the licensure assessments.

Upon successful completion of the 4-year licensure program, students have the option to return for a 5th year to complete an M.S. in Education: Curriculum & Instruction leading to an additional endorsement in Early/Primary Education (PreK-3). Students must meet all requirements for admission to the College of Graduate and Professional Studies and the Teacher Education Program before being enrolled in the graduate portion of the program.

Core Curriculum Requirements (30-36 credits)

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The following courses are required for the major and students are urged to take them as part of their Core Curriculum requirements:

- MATH 121 - Math Content for Teachers I
- MATH 122 - Math Content for Teachers II
- HIST 101 - World History to 1500 or
- HIST 102 - World History since 1500
- An ART, DNCE, MUSC, or THEA course
- HIST 111
- One of the following: GEOG 101, 102, 103, 140, 201, 202, 203 or 280
- One of the following lab sciences
- ASTR 111- General Astronomy I
- ASTR 112- General Astronomy II
- BIOL 103- Environmental Biology
- BIOL 104- Human Biology
- BIOL 105- Biology for Health Science Majors
- CHEM 111- General Chemistry I
- CHEM 112- General Chemistry II
- CHEM 120- Chemistry of Life
- GEOL 100- Earth Resources and Natural Hazards
- GEOL 105- Exploring Earth
- GEOL 106- The Earth through Time
- PHYS 111- General Physics
- PHYS 112- General Physics
- PHYS 221- Physics I
- PHYS 222- Physics II

*Note(s):*

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The student should consult with his/her academic advisor to review the recommended courses for the Core Curriculum in this major.

#### Interdisciplinary Core (16 credits)

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- EDEF 300 - Human Development and Learning: Birth through Adolescence
- EDSP 360 - Introduction to Early Childhood Special Education
- EDUC 370 - Introduction to Multicultural Education
- EDUC 415 - Methods for Elementary Science Instruction
- An English Class: ENGL 424 - The Study of Children's Literature (recommended)
- PHSC 350 - Physical Science

#### Early Childhood Development Concentration (11 credits)

- EDEC 321 - Early Development and Learning: Infants and Toddlers
  - EDEC 322 - Early Development and Learning: Preschool Age (Three to five years)
  - EDEC 423 - Language Arts and Literature for Young Children
- #### Special Education Concentration (30 credits)
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- EDSP 363 - Language Development and Disorders in Infancy and Early Childhood
  - EDSP 436 - Teaching Infants, Toddlers, and Preschoolers with Disabilities
  - EDSP 438 - Program Management in Early Childhood Special Education
  - EDSP 439 - Medical and Neurodevelopmental Aspects of Teaching Young Children with Disabilities
  - EDSP 451 - Collaborative Consultation and Communication Skills for Special Education
- #### Professional Education (30 credits)
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#### *4-year Licensure Option and 5th Year (4+1) Option*

- EDEC 400 - Foundations, Programs, and Trends in Early Childhood Education
- EDEC 430 - Practicum in Preschool of Virginia Public School Setting
- EDSP 437 - Assessment, Diagnosis, and Evaluation in Early Childhood Special Education
- EDSP 440 - Practicum in Early Intervention
- EDSP 445 - Methods for Early Childhood Special Education Mathematics
- EDSP 450 - Student Teaching: Early Childhood Special Education
- EDSP 462 - Proactive Classroom Management and Positive Behavior Support
- EDSP 465 - Individualized Supports and Specialized Care of Students with Significant Disabilities

#### *4-year Non-licensure Option*

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- EDEC 400 - Foundations, Programs, and Trends in Early Childhood Education
- EDEC 410 - Practicum in Preschool of Non-Licensure Setting
- EDEC 425 - Assessment-Based Instruction and Adaptations for Young Children (PreK-3rd Grade)
- EDEC 445 - Administration of Programs for Young Children
- EDSP 400 - Introduction to Autism Spectrum Disorders
- EDSP 440 - Practicum in Early Intervention
- EDSP 454 - Educational Technology for Diverse Populations
- EDSP 462 - Proactive Classroom Management and Positive Behavior Support

#### Electives

\*Students pursuing the 5th year MS must take HIST 112, MATH 212, EDRD 314, EDUC 304, EDUC 420, and EDSP 472.

Note(s):

Students wanting Virginia licensure in Early Childhood Education (PreK-3) must continue in the M.S. in Education with a concentration in Early Childhood Education.

Total Hours for Bachelor of Science Degree in Interdisciplinary Studies: Early Childhood 122

SCIENTIFIC AND QUANTITATIVE REASONING

R Designated Course Required within the Program of Study Approved for Inclusion in the General Education Coursework: (please list at least one, can also be listed above but does not need to be)

[Empty box for listing designated courses]

R Area:  
Course Prefix: GEOL  
Course Number: 100  
Course Title: Earth Resources and Natural Hazards  
Credit Hours: 4  
New course:  Yes  No  
Revised course:  Yes  No  
  
Projected enrollment need per academic year: 5

Is this course required or an elective for your degree program?  Required  Elective  
Is this course offered within your dept/school?  Yes  No  
If no, collaborating dept/school must also complete the remaining elements, and must sign below.  
Course Rotation:  Fall  Spring  Intersession  Other (Explain below)  
Intended Frequency:  Every academic year  Every semester  Every other year  
 At least once every three years  Other

Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:

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<p>R Area:  Course Prefix: MATH  Course Number: 122  Course Title: Math  Content for Teachers II  Credit Hours: 3  New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Projected student enrollment per academic year: 15</p>	<p>Is this course required or an elective for your degree program? <input checked="" type="checkbox"/> Required <input type="checkbox"/> Elective  Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input checked="" type="checkbox"/> Every semester <input type="checkbox"/> Every other year  <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area:  Course Prefix: PHSC  Course Number: 350  Course Title: PHYSICAL SCIENCE  Credit Hours: 4  New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Projected student enrollment per academic year: 15</p>	<p>Is this course required or an elective for your degree program? <input checked="" type="checkbox"/> Required <input type="checkbox"/> Elective  Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input checked="" type="checkbox"/> Every semester <input type="checkbox"/> Every other year  <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area:  Course Prefix: ASTR  Course Number: 111  Course Title: LGENERAL ASTRONOMY 1  Credit Hours: 4  New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective  Is this course offered within your dept/school? <input type="checkbox"/> Yes <input type="checkbox"/> No  If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> Every academic year <input type="checkbox"/> Every semester <input type="checkbox"/> Every other year  <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p>

Projected enrollment need per academic year: 5	Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: ASTR Course Number: 112 Course Title: GENERAL ASTRONOMY II Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year: 5	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.  Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: BIOL Course Number: 103 Course Title: ENVIRONMENTAL BIOLOGY Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year: 30	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.  Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: BIOL Course Number: 104 Course Title: HUMAN BIOLOGY Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year: 30	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.  Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: BIOL Course Number: 105	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<p>Course Title: BIOLOGY FOR HEALTH SERVICES Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year: 15</p>	<p>If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area: Course Prefix: CHEM Course Number: 111 Course Title: GENERAL CHEMISTRY Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year: 5</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area: Course Prefix: CHEM Course Number: 112 Course Title: GENERAL CHEMISTRY II Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year: 5</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area: Course Prefix: CHEM Course Number: 120 Course Title: CHEMISTRY OF LIFE Credit Hours: 3 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year</p>

Projected enrollment need per academic year: 5	<input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: GEOL Course Number: 105 Course Title: EXPLORING EARTH Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Projected enrollment need per academic year: 5	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.  Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input type="checkbox"/> Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: GEOL Course Number: 106 Course Title: THE EARTH THROUGH TIME Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Projected enrollment need per academic year: 5	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.  Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input type="checkbox"/> Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: PHYS Course Number: 111 Course Title: GENERAL PHYSICS Credit Hours: 3 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Projected enrollment need per academic year: 3	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.  Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input type="checkbox"/> Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: PHYS Course Number: 112	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



<p>Course Title: GENERAL PHYSICS II Credit Hours: 3 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year:</p>	<p>If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area: Course Prefix: PHYS Course Number: 221 Course Title: PHYSICS I12 Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year: 2</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area: Course Prefix: PHYS Course Number: 222 Course Title: PHYSICS II Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year: 2</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>Additional information for REAL Council consideration: <b>We will use the university assessments for the REAL minors for R.</b></p>	

#### HUMANISTIC OR ARTISTIC EXPRESSION

<p>E Area: Course Prefix: Course Number: Course Title:</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input type="checkbox"/> Fall <input type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p>
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Credit Hours:

New course:  Yes  No

Revised course:  Yes  No

Intended Frequency:  Every academic year  Every semester  Every other year

At least once every three years  Other

Projected student enrollment per academic year:

Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:

E Area:

Course Prefix:

Course Number:

Course Title:

Credit Hours:

New course:  Yes  No

Revised course:  Yes  No

Projected student enrollment per academic year:

Is this course required or an elective for your degree program?  Required  Elective

Is this course offered within your dept/school?  Yes  No

If no, collaborating dept/school must also complete the remaining elements, and must sign below.

Course Rotation:  Fall  Spring  Intersession  Other (Explain below)

Intended Frequency:  Every academic year  Every semester  Every other year

At least once every three years  Other

Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:

E Area:

Course Prefix:

Course Number:

Course Title:

Credit Hours:

New course:  Yes  No

Revised course:  Yes  No

Projected student enrollment per academic year:

Is this course required or an elective for your degree program?  Required  Elective

Is this course offered within your dept/school?  Yes  No

If no, collaborating dept/school must also complete the remaining elements, and must sign below.

Course Rotation:  Fall  Spring  Intersession  Other (Explain below)

Intended Frequency:  Every academic year  Every semester  Every other year

At least once every three years  Other

Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:

E Designated Course Required within the Program of Study Approved for Inclusion in the General Education Coursework: (please list at least one, can also be listed above but does not need to be)

E Area:

Learning Goal: To explore humanistic or artistic expression through inquiry or creativity.

Learning Outcome 1:

Students demonstrate understanding of diverse ideas, languages, products, or processes of humanistic inquiry or artistic expression.

Description of learning outcome assessment plan:

Learning Outcome 2: Students critically evaluate, synthesize, or create forms of human expression or inquiry.

Description of learning outcome assessment plan:

Additional information for REAL Council consideration:

See documentation of emails from Amanda Bozack with Chair permissions.

Math 122 and PHSC 350 both have GE designations.

Students will get an E minor.

**CULTURAL OR BEHAVIORAL ANALYSIS**

**A Area:**  
 Course Prefix: EDSP  
 Course Number: 360  
 Course Title: Introduction to Early Childhood Special Education  
 Credit Hours: 3  
 New course:  Yes  No  
 Revised course:  Yes  No  
 Projected student enrollment per academic year: 15

Is this course required or an elective for your degree program?  Required  Elective  
 Is this course offered within your dept/school?  Yes  No  
 If no, collaborating dept/school must also complete the remaining elements, and must sign below.  
 Course Rotation:  Fall  Spring  Intersession  Other (Explain below)  
 Intended Frequency:  Every academic year  Every semester  Every other year  
 At least once every three years  Other

Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:

**A Area:**  
 Course Prefix: EDEF  
 Course Number: 300  
 Course Title: **Human Growth and Development: Birth through Adolescence**  
 Credit Hours: 3  
 New course:  Yes  No  
 Revised course:  Yes  No  
 Projected student enrollment per academic year: 15

Is this course required or an elective for your degree program?  Required  Elective  
 Is this course offered within your dept/school?  Yes  No  
 If no, collaborating dept/school must also complete the remaining elements, and must sign below.  
 Course Rotation:  Fall  Spring  Intersession  Other (Explain below)  
 Intended Frequency:  Every academic year  Every semester  Every other year  
 At least once every three years  Other

Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:

**A Area:**  
 Course Prefix: HIST  
 Course Number: 111  
 Course Title: U.S. History to 1865  
 Credit Hours: 3  
 New course:  Yes  No  
 Revised course:  Yes  No  
 Projected student enrollment per academic year: 15

Is this course required or an elective for your degree program?  Required  Elective  
 Is this course offered within your dept/school?  Yes  No  
 If no, collaborating dept/school must also complete the remaining elements, and must sign below.  
 Course Rotation:  Fall  Spring  Intersession  Other (Explain below)  
 Intended Frequency:  Every academic year  Every semester  Every other year  
 At least once every three years  Other

Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:

A Designated Course Required within the Program of Study Approved for Inclusion in the General Education Coursework: HIST 111

**A Area:**  
 Learning Goal: To examine the context and interactions of culture(s) and/or behavior(s).

Learning Outcome 1: Students describe behaviors, beliefs, cultures, social institutions, and/or environments.

Description of learning outcome assessment plan:

Learning Outcome 2: Students analyze the interactions of behaviors, beliefs, cultures, social institutions, and/or environments.

Description of learning outcome assessment plan:

Additional information for REAL Council consideration:

**We will use the university assessments for the REAL minors for A.**

**See documentation of emails from Amanda Bozack with Chair permissions for HIST 111 and HIST 112. HUMD 300, and HIST 111 and 112 have GE designations.**

## APPLIED LEARNING

### L Area:

Course Prefix: EDSP

Course Number: 440

Course Title: Exploring Education

Credit Hours: 3

New course:  Yes  No

Revised course:  Yes  No

Is this course required or an elective for your degree program?  Required  Elective

Is this course offered within your dept/school?  Yes  No

If no, collaborating dept/school must also complete the remaining elements, and must sign below.

Course Rotation:  Fall  Spring  Intersession  Other (Explain below)

Intended Frequency:  Every academic year  Every semester  Every other year

At least once every three years  Other

Projected enrollment need per academic year: 15

Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:

### L Area:

Course Prefix: EDUC

Course Number: 370

Course Title: Introduction to Multicultural Education

Credit Hours: 3

New course:  Yes  No

Revised course:  Yes  No

Is this course required or an elective for your degree program?  Required  Elective

Is this course offered within your dept/school?  Yes  No

If no, collaborating dept/school must also complete the remaining elements, and must sign below.

Course Rotation:  Fall  Spring  Intersession  Other (Explain below)

Intended Frequency:  Every academic year  Every semester  Every other year

At least once every three years  Other

Projected enrollment need per academic year: 180

Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:

### L Area:

Course Prefix: EDSP

Course Number: 454

Course Title: Educational Technology

Credit Hours: 3

New course:  Yes  No

Revised course:  Yes  No

Is this course required or an elective for your degree program?  Required  Elective

Is this course offered within your dept/school?  Yes  No

If no, collaborating dept/school must also complete the remaining elements, and must sign below.

Course Rotation:  Fall  Spring  Intersession  Other (Explain below)

Intended Frequency:  Every academic year  Every semester  Every other year

At least once every three years  Other

Projected enrollment need per academic year: 63

Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:

L Designated Course Required within the Program of Study Approved for Inclusion in the General Education Coursework: (please list at least one, can also be listed above but does not need to be)

### EDUC 370

This course no course pre-requisites and is open to all students, regardless of minor/major. The content in it is broad and does "not narrowly focus on those skills, techniques, and procedures specific to a particular occupation or profession."

### L Area:

Learning Goal: To explore professional practice through the application of knowledge, skills, and critical reflection.

## Describe assessment plan:

Learning Outcome 1:  
Students apply acquired knowledge and skills to develop professional identity or professional practice.

Description of learning outcome assessment plan:  
Students create a Google site or website in EDET 445/EDSP 454 that showcases their developing understanding, skills, and ability to critically evaluate instructional technology.

The faculty who teach these courses are developing a common rubric that will be used to evaluate students' developing expertise, knowledge and or skills as it relates to incorporating instructional technology into their future teaching. Faculty will use the rubric twice during the semester to assess two of the module assignments that students create as part of their Google site or website that they develop (e.g., lesson plans, plans for incorporating Assistive Technology).

Learning Outcome 2:  
Students critically reflect on their learning, abilities, experiences, or role within professional contexts.

Students create a Google site or website in EDSP 454 that showcases their developing understanding, skills, and ability to critically evaluate instructional technology.

Measure 1: The faculty who teach these courses are developing a common rubric that will be used to evaluate students' ability to critically evaluate their own strengths and ability to meet challenges when developing and applying instructional technology in real world educational settings.

Measure 2: The faculty who teach these courses are developing a common rubric that will be used to assess students' self-reflection of how using online professional development resources or online classes, or joining professional organizations shapes their growing professional identity.

### Approvals and Review

Are existing material resources adequate to support this program alignment proposal?

Yes  No If not, what additional material resources would be needed?

Are existing space resources adequate to support this program alignment proposal?

Yes  No If not, what additional space resources would be needed?

Are existing human resources adequate to support this program alignment proposal?

Yes  No If not, what additional human resources would be needed?

Department Curriculum Committee Recommendation:	Signature:	Date:
Chair/Dean on Behalf of Dept/School:	Signature:	Date:
College Curriculum Committee Approval:	Signature:	Date:
Dean/AVP Approval:	Signature:	Date:
REAL Council Recommendation:	Signature:	Date:
Faculty Senate Curriculum Committee Recommendation:	Signature:	Date:
Faculty Senate Approval:	Signature:	Date:
Provost Approval:	Signature:	Date:

**REAL Curriculum Program Alignment Proposal****Program Details**

Department or School: School of Teacher Education and Leadership Date: Enter date

Degree type: BS BA BBA BSN BM BFA BSW Minor CertificateProgram: Interdisciplinary Early Childhood Program 5<sup>th</sup> year trackREAL Area Program Designation Sought (check all that apply): R E A LDept/School Contact: Amanda Bozack, Chair of the School of Teacher Education and Leadership  
(abozack@radford.edu)

The BS requirements for the major are covered in the program requirements and no change is being requested.

BS/BA Requirements: \_\_\_\_\_

**Course and Learning Goal and Outcomes Documentation Identification**

- Any degree program that fulfills a REAL area must include at least 9 unique credit hours for each area covered. At least 3 of these 9 credit hours must be at the 300 level or above
- A single major degree program may fulfill no more than three REAL areas for any one student, unless all four REAL areas are fulfilled by accreditation or licensure requirements.
- A single minor or certificate degree program may fulfill no more than two REAL areas.
- Degree program may cover up to two REAL areas using a single prefix.
- All courses documenting the coverage of a REAL area must fulfill all learning outcomes and be designated in that area.
- All courses that document fulfillment of a REAL area within a degree program of study are NOT required to be taught by the department/school. However, departments/schools are expected to formally communicate with other departments about reliance on and inclusion of courses in their degree program plans of study. Indicate this through signature of chair or director of the partnering department or school in the areas below.
- Departments or schools that seek to fulfill REAL areas must acknowledge assessment requirements for those areas. Assessment of degree seeking students is required to be conducted yearly by the department or school offering the degree program.
- If departments or schools want to use a menu of courses to fulfill a particular area, please duplicate the sections below for each REAL area and include information for each course included in the menu of options.
- Please save this file for submission as PROGRAM NAME\_ProgramType.docx (Example: Criminal Justice\_BS.docx)

**By signing, the department/school acknowledges the above conditions and considerations:**

<b>Dept/School Signature</b>	<b>Date:</b>
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**Official Program Description:**

This is the most up-to-date language that should be reflected in the upcoming catalog.

**Early Childhood Special Education**

Upon successful completion of the four-year program, including passing licensure assessments and field experiences, students earn a bachelor's degree and are eligible to apply for licensure with an endorsement in Early Childhood Special Education, (Birth-Age 5 all disabilities). Students pursuing teacher licensure must apply, be accepted, and meet retention requirements for the Teacher Education Program (see admission procedure for details).

Students may also pursue a non-licensure route, earn their bachelor's degree, and not take and/or pass the licensure assessments.

Upon successful completion of the 4-year licensure program, students have the option to return for a 5th year to complete a M.S. in Education: Curriculum & Instruction leading to an additional endorsement in Early/Primary Education (PreK-3). Students must meet all requirements for admission to the College of Graduate and Professional Studies and the Teacher Education Program before being enrolled in the graduate portion of the program.

**Core Curriculum Requirements (30-36 credits)**

The following courses are required for the major and students are urged to take it as part of their Core Curriculum requirements:

ENGL 111 - Principles of College Composition

MATH 121 - Math Content for Teachers I

MATH 122 - Math Content for Teachers II

One of the following lab sciences:

ASTR 111- General Astronomy I

ASTR 112- General Astronomy II

BIOL 103- Environmental Biology

BIOL 104- Human Biology

BIOL 105- Biology for Health Science Majors

CHEM 111- General Chemistry I

CHEM 112- General Chemistry II

CHEM 120- Chemistry of Life

GEOL 100- Earth Resources and Natural Hazards

GEOL 105- Exploring Earth

GEOL 106- The Earth through Time

PHYS 111- General Physics

PHYS 112- General Physics

PHYS 221- Physics I

PHYS 222- Physics II

HIST 101 - World History to 1500 or

HIST 102 - World History since 1500

HIST 111 - U.S. History to 1865

Any 100- or 200-level Geography class (except GEOG 211)

An ART, DNCE, MUSC, or THEA course (recommended)

The student should consult with his/her academic advisor to review the recommended courses for the Core Curriculum in this major.

Interdisciplinary Core (16 credits)

EDEF 300 - Human Development and Learning: Birth through Adolescence

EDSP 360 - Introduction to Early Childhood Special Education

EDUC 415 - Methods for Elementary Science Instruction



An English Class: ENGL 424 - The Study of Children's Literature (recommended)

PHSC 350 - Physical Science

Early Childhood Development Concentration (11 credits)

EDEC 321 - Early Development and Learning: Infants and Toddlers

EDEC 322 - Early Development and Learning: Preschool Age (Three to five years)

EDEC 423 - Language Arts and Literature for Young Children

Special Education Concentration (15 credits)

EDSP 363 - Language Development and Disorders in Infancy and Early Childhood

EDSP 436 - Teaching Infants, Toddlers, and Preschoolers with Disabilities

EDSP 438 - Program Management in Early Childhood Special Education

EDSP 439 - Medical and Neurodevelopmental Aspects of Teaching Young Children with Disabilities

EDSP 451 - Collaborative Consultation and Communication Skills for Special Education

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Professional Education (30 credits)

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4-year Licensure Option and 5th Year (4+1) Option

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EDEC 400 - Foundations, Programs, and Trends in Early Childhood Education

EDEC 430 - Practicum in Preschool of Virginia Public School Setting

EDSP 437 - Assessment, Diagnosis, and Evaluation in Early Childhood Special Education

EDSP 440 - Practicum in Early Intervention

EDSP 445 - Methods for Early Childhood Special Education Mathematics

EDSP 450 - Student Teaching: Early Childhood Special Education

EDSP 462 - Proactive Classroom Management and Positive Behavior Support

EDSP 465 - Individualized Supports and Specialized Care of Students with Significant Disabilities

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4-year Non-licensure Option

EDEC 400 - Foundations, Programs, and Trends in Early Childhood Education

EDEC 410 - Practicum in Preschool of Non-Licensure Setting

EDEC 420 - Practicum in Child Development Settings

EDEC 425 - Assessment-Based Instruction and Adaptations for Young Children (PreK-3rd Grade)

EDEC 445 - Administration of Programs for Young Children

EDSP 400 - Introduction to Autism Spectrum Disorders

EDSP 440 - Practicum in Early Intervention

EDSP 454 - Educational Technology for Diverse Populations

EDSP 462 - Proactive Classroom Management and Positive Behavior Support

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Electives

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\*Students pursuing the 5th year MS must take HIST 112, MATH 212, EDRD 314, EDUC 304, EDUC 420, and EDSP 472.

Note(s):

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Students pursuing Virginia licensure in Early/Primary Education (PreK-3) must continue in the M.S. in Education with a concentration in Early Childhood Education.

Total Hours for Bachelor of Science Degree in Interdisciplinary Studies: Early Childhood Special Education  
122

01/14/2020

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## SCIENTIFIC AND QUANTITATIVE REASONING

R Area: Is this course required or an elective for your degree program?  Required  Elective  
 Course Prefix: GEOL  
 Course Number: 100 Is this course offered within your dept/school?  Yes  No  
 Course Title: Earth Resources and Natural Hazards If no, collaborating dept/school must also complete the remaining elements, and must sign below.  
 Credit Hours: 4 Course Rotation:  Fall  Spring  Intersession  Other (Explain below)  
 New course:  Yes  No  
 Revised course:  Yes  No Intended Frequency:  X Every academic year  X Every semester  Every other year  
 At least once every three years  Other

Projected enrollment need per academic year: 5

Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:

<p>R Area:            Course Prefix: MATH            Course Number: 122            Course Title: Math Content for Teachers II            Credit Hours: 3            New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            Projected student enrollment per academic year: 15</p>	<p>Is this course required or an elective for your degree program? <input checked="" type="checkbox"/> Required <input type="checkbox"/> Elective            Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            If no, collaborating dept/school must also complete the remaining elements, and must sign below.            Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)            Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input checked="" type="checkbox"/> Every semester <input type="checkbox"/> Every other year  <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other            Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area:            Course Prefix: PHSC            Course Number: 350            Course Title: PHYSICAL SCIENCE            Credit Hours: 4            New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            Projected student enrollment per academic year: 15</p>	<p>Is this course required or an elective for your degree program? <input checked="" type="checkbox"/> Required <input type="checkbox"/> Elective            Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            If no, collaborating dept/school must also complete the remaining elements, and must sign below.            Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)            Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input checked="" type="checkbox"/> Every semester <input type="checkbox"/> Every other year  <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other            Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area:            Course Prefix: ASTR            Course Number: 111            Course Title: LGENERAL ASTRONOMY 1            Credit Hours: 4</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective            Is this course offered within your dept/school? <input type="checkbox"/> Yes <input type="checkbox"/> No            If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p>

<p>New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Projected enrollment need per academic year: 5</p>	<p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year</p> <p><input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area:</p> <p>Course Prefix: ASTR</p> <p>Course Number: 112</p> <p>Course Title: GENERAL ASTRONOMY II</p> <p>Credit Hours: 4</p> <p>New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Projected enrollment need per academic year: 5</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective</p> <p>Is this course offered within your dept/school? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year</p> <p><input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area:</p> <p>Course Prefix: BIOL</p> <p>Course Number: 103</p> <p>Course Title: ENVIRONMENTAL BIOLOGY</p> <p>Credit Hours: 4</p> <p>New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Projected enrollment need per academic year: 30</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective</p> <p>Is this course offered within your dept/school? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year</p> <p><input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area:</p> <p>Course Prefix: BIOL</p> <p>Course Number: 104</p> <p>Course Title: HUMAN BIOLOGY</p> <p>Credit Hours: 4</p> <p>New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective</p> <p>Is this course offered within your dept/school? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year</p> <p><input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p>

Projected enrollment need per academic year: 30	Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: BIOL Course Number: 105 Course Title: BIOLOGY FOR HEALTH SERVICES Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year: 15	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.  Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: CHEM Course Number: 111 Course Title: GENERAL CHEMISTRY Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year: 5	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.  Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: CHEM Course Number: 112 Course Title: GENERAL CHEMISTRY II Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year: 5	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.  Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: CHEM Course Number: 120 Course Title: CHEMISTRY OF LIFE	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<p>Credit Hours: 3  New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Projected enrollment need per academic year: 5</p>	<p>If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year  <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area:  Course Prefix: GEOL  Course Number: 105  Course Title: EXPLORING EARTH  Credit Hours: 4  New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Projected enrollment need per academic year: 5</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective</p> <p>Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year  <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area:  Course Prefix: GEOL  Course Number: 106  Course Title: THE EARTH THROUGH TIME  Credit Hours: 4  New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Projected enrollment need per academic year: 5</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective</p> <p>Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year  <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other</p> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area:  Course Prefix: PHYS  Course Number: 111  Course Title: GENERAL PHYSICS  Credit Hours: 3  New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective</p> <p>Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If no, collaborating dept/school must also complete the remaining elements, and must sign below.</p> <p>Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)</p> <p>Intended Frequency: <input type="checkbox"/> X Every academic year <input type="checkbox"/> X Every semester <input type="checkbox"/> Every other year</p>

Projected enrollment need per academic year: 3	<input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: PHYS Course Number: 112 Course Title: GENERAL PHYSICS II Credit Hours: 3 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Projected enrollment need per academic year:	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.  Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input type="checkbox"/> Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: PHYS Course Number: 221 Course Title: PHYSICS I12 Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Projected enrollment need per academic year: 2	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.  Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input type="checkbox"/> Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Area: Course Prefix: PHYS Course Number: 222 Course Title: PHYSICS II Credit Hours: 4 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Projected enrollment need per academic year: 2	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.  Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input type="checkbox"/> Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
R Designated Course Required within the Program of Study Approved for Inclusion in the General Education Coursework: (please list at least one, can also be listed above but does not need to be)	

MATH 112 and PHSC 350 are approved for General Education.

R Area:

Learning Goal: To apply scientific and quantitative reasoning to questions about the natural world, mathematics, or related areas.

Learning Outcome 1: Students apply scientific and quantitative information to test problems and draw conclusions.

Description of learning outcome assessment plan:  
We will use the REAL Studies minor assessment for R.

Learning Outcome 2: Students evaluate the quality of data, methods, or inferences used to generate scientific and quantitative knowledge.

Description of learning outcome assessment plan:  
We will use the REAL Studies minor assessment for R.

Additional information for REAL Council consideration:

We will use the university assessments for the REAL minors for R.

HUMANISTIC OR ARTISTIC EXPRESSION

E Area: Is this course required or an elective for your degree program?  Required  Elective

Course Prefix: Elective

Course Number: Is this course offered within your dept/school?  Yes  No

Course Title: If no, collaborating dept/school must also complete the remaining elements, and must sign below.

Credit Hours:

New course:  Yes  No

Course Rotation:  Fall  Spring  Intersession  Other (Explain below)

Revised course:  Yes  No

Intended Frequency:  Every academic year  Every semester  Every other year

Projected student enrollment per academic year:  At least once every three years  Other

Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:

E Area: Is this course required or an elective for your degree program?  Required  Elective

Course Prefix: Elective

Course Number: Is this course offered within your dept/school?  Yes  No

Course Title: If no, collaborating dept/school must also complete the remaining elements, and must sign below.

Credit Hours:

New course:  Yes  No

Course Rotation:  Fall  Spring  Intersession  Other (Explain below)

Revised course:  Yes  No

Intended Frequency:  Every academic year  Every semester  Every other year

Projected student enrollment per academic year:  At least once every three years  Other

Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:





## CULTURAL OR BEHAVIORAL ANALYSIS

<p>A Area:  Course Prefix: EDSP  Course Number: 360  Course Title: Introduction to Early Childhood Special Education  Credit Hours: 3  New course: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Revised course: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    Projected student enrollment per academic year: 15</p>	<p>Is this course required or an elective for your degree program? <input checked="" type="checkbox"/> Required <input type="checkbox"/> Elective  Is this course offered within your dept/school? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  If no, collaborating dept/school must also complete the remaining elements, and must sign below.    Course Rotation: <input checked="" type="checkbox"/> Fall <input type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)    Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input type="checkbox"/> Every semester <input type="checkbox"/> Every other year  <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other    Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>A Area:  Course Prefix: EDEF  Course Number: 300  Course Title: Human Growth and Development: Birth through Adolescence  Credit Hours: 3  New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Revised course: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    Projected student enrollment per academic year: 15</p>	<p>Is this course required or an elective for your degree program? <input checked="" type="checkbox"/> Required <input type="checkbox"/> Elective  Is this course offered within your dept/school? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  If no, collaborating dept/school must also complete the remaining elements, and must sign below.    Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)    Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input checked="" type="checkbox"/> Every semester <input type="checkbox"/> Every other year  <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other    Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>A Area:  Course Prefix: HIST  Course Number: 112  Course Title: U.S. History Since 1865  Credit Hours: 3  New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No    Projected student enrollment per academic year: 15</p>	<p>Is this course required or an elective for your degree program? <input checked="" type="checkbox"/> Required <input type="checkbox"/> Elective  Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If no, collaborating dept/school must also complete the remaining elements, and must sign below.    Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)    Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input checked="" type="checkbox"/> Every semester <input type="checkbox"/> Every other year  <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other    Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>A Designated Course Required within the Program of Study Approved for Inclusion in the General Education Coursework: (please list at least one, can also be listed above but does not need to be)</p>	

All of these courses have no course pre-requisites and are open to all students, regardless of minor/major. The content in them is broad and does "not narrowly focus on those skills, techniques, and procedures specific to a particular occupation or profession."

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**A Area:**

Learning Goal: To examine the context and interactions of culture(s) and/or behavior(s).

Learning Outcome 1: Students describe behaviors, beliefs, cultures, social institutions, and/or environments.

Description of learning outcome assessment plan:  
We will use the REAL Studies minor assessment for A.

Learning Outcome 2: Students analyze the interactions of behaviors, beliefs, cultures, social institutions, and/or environments.

Description of learning outcome assessment plan:  
We will use the REAL Studies minor assessment for A.

Additional information for REAL Council consideration:

We will use the university assessments for the REAL minors for A.

See documentation of emails from Amanda Bozack with Chair permissions for HIST 111 and HIST 112. HUMD 300, and HIST 111 and 112 have GE designations.

**APPLIED LEARNING**

L Area:

Course Prefix: EDSP

Course Number: 440

Course Title: Practicum in Early Intervention

Credit Hours: 3

New course:  Yes  No

Revised course:  Yes  No

Projected student enrollment per academic year: 12

Is this course required or an elective for your degree program?  Required  Elective

Is this course offered within your dept/school?  Yes  No

If no, collaborating dept/school must also complete the remaining elements, and must sign below.

Course Rotation:  Fall  Spring  Intersession  Other (Explain below)

Intended Frequency:  Every academic year  Every semester  Every other year

At least once every three years  Other

Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:

L Area:

Course Prefix: EDSP

Course Number: 450

Course Title: Student Teaching Early Childhood Special Education

Credit Hours: 9

New course:  Yes  No

Revised course:  Yes  No

Is this course required or an elective for your degree program?  Required  Elective

Is this course offered within your dept/school?  Yes  No

If no, collaborating dept/school must also complete the remaining elements, and must sign below.

Course Rotation:  Fall  Spring  Intersession  Other (Explain below)

Intended Frequency:  Every academic year  Every semester  Every other year

At least once every three years  Other

Projected student enrollment per academic year: 12	Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
L Area: Course Prefix: Course Number: Course Title: Credit Hours: 3 New course: <input type="checkbox"/> Yes <input type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input type="checkbox"/> No  Projected student enrollment per academic year:	Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below.  Course Rotation: <input type="checkbox"/> Fall <input type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below)  Intended Frequency: <input type="checkbox"/> Every academic year <input type="checkbox"/> Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other  Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
L Designated Course Required within the Program of Study Approved for Inclusion in the General Education Coursework: (please list at least one, can also be listed above but does not need to be)	

L Area:

Learning Goal: To explore professional practice through the application of knowledge, skills, and critical reflection.

Learning Outcome 1: Students apply acquired knowledge and skills to develop professional identity or professional practice.

Description of learning outcome assessment plan:

Students describe a child they will be working with, write an objective, determine routines and activities for instruction, select an instructional strategy, collect baseline, and plan instruction with a child to implement the strategy so that the child might progress. They will also conduct a literature review on the effectiveness and use of their chosen instructional strategy apply their instruction and take data; and write a paper with a literature review, baseline, and methods sections.

Learning Outcome 2: Students critically reflect on their learning, abilities, experiences, or role within professional contexts.

Description of learning outcome assessment plan:

Students reflect on daily teaching using a daily log system noting what they have done each day, in addition to weekly reflections that integrate identifying areas for needed growth and how students plan to address those areas of need.

Students also video record their own lesson implementation, and share it with the university supervisor in addition to their own self-reflection. Students will upload this student teaching video into Edthena, an online, video tool, storage, and management platform, where they will embed self-reflection on the practices used and observed. The university supervisor will additionally provide embedded feedback within Edthena.

01/14/2020

Additional information for REAL Council consideration:

### Approvals and Review

Are existing material resources adequate to support this program alignment proposal?

Yes  No If not, what additional material resources would be needed?

Are existing space resources adequate to support this program alignment proposal?

Yes  No If not, what additional space resources would be needed?

Are existing human resources adequate to support this program alignment proposal?

Yes  No If not, what additional human resources would be needed?

Department Curriculum Committee Recommendation:	Signature:	Date:
Chair/Dean on Behalf of Dept/School:	Signature:	Date:
College Curriculum Committee Approval:	Signature:	Date:
Dean/AVP Approval:	Signature:	Date:
REAL Council Recommendation:	Signature:	Date:
Faculty Senate Curriculum Committee Recommendation:	Signature:	Date:
Faculty Senate Approval:	Signature:	Date:
Provost Approval:	Signature:	Date: