

REAL Curriculum Program Alignment Proposal

Department or School: Enter dept/school name: Geospatial Science Date: 4/6/2020

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

Program: Global Perspectives


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

Dept/School Contact: Andrew Foy afoy@radford.edu

BS/BA Requirements: NA

- 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:4/21/20

Official Program Description:

Please paste the entire official program description from the Radford University catalog in the space within this box. Find those here: <https://catalog.radford.edu/>

Please note that every department/school will have to submit a catalog change proposal for program that asks the Registrar's Office to insert language about the program coverage of the REAL areas into the official Radford University catalog upon approval.

Global Perspectives Minor (18 credit hours)

The minor is focused on the interplay between international cultures, economies, and natural settings as a background knowledge applicable to multiple employment opportunities and lines of work in the globalized marketplace. It explores the connections between places and people from a global perspective. Understanding other places and cultures and how these relate to our own is increasingly important to navigating this interconnected world. Student are introduced to other cultures, histories, economies and environments, with an emphasis on how these influence us and in turn how we influence them as we evolve and change together. It is increasingly important for students to understand how cultures, economies, and nature interact at varied and multiple scales of experience. Students learn not only about culture, economy, and the environment, but also how to visualize and see these connections through the learning of and application of geospatial software applied over time and space.

Minor Required Courses (12 credits)

GEOG 101: Europe and the Americas (3) or GEOG 102: Asia and Africa (3)

GEOG 103: Human Geography (3)

GEOG 280: Regional Geography (3)

GEOG 305: Population Geography (3)

Elective Courses (6 credits)

ANSC 105: Native North America

ANSC 106: Intro to Cultural Anthropology

ANSC 433: The Ancient & Living Maya: Anthropological Perspectives on Maya Culture

HIST 323: Middle East in the World: 1700 – present

HIST 343: Europe since 1890

ECON 340: Global Economy and Business

HIST 326: Contemporary Africa

POSC 344: Middle East Politics

POSC 353: Current issues in world affairs

GEOG 101: Europe and the Americas (3) or GEOG 102: Asia and Africa (3) **Different from the required GEOG 101 or 102*

01/14/2020

MGMT 326: Cultural diversity and international management

ECON 311: Economic development

ECON 309: Comparative economic systems

SCIENTIFIC AND QUANTITATIVE REASONING

<p>R Area: Course Prefix: Course Number: Course Title: Credit Hours: New course: <input type="checkbox"/> Yes <input type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Projected student enrollment per academic year:</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> <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> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area: Course Prefix: Course Number: Course Title: Credit Hours: New course: <input type="checkbox"/> Yes <input type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Projected student enrollment per academic year:</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> <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> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
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<p>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)</p>	

<p>R Area: Learning Goal: To apply scientific and quantitative reasoning to questions about the natural world, mathematics, or related areas.</p>	
<p>Learning Outcome 1: Students apply scientific and quantitative information to test problems and draw conclusions.</p>	<p>Description of learning outcome assessment plan:</p>
<p>Learning Outcome 2: Students evaluate the quality of data, methods, or inferences used to generate scientific and quantitative knowledge.</p>	<p>Description of learning outcome assessment plan:</p>
<p>Additional information for REAL Council consideration:</p>	

HUMANISTIC OR ARTISTIC EXPRESSION

<p>E Area: Course Prefix: Course Number: Course Title: Europe and the Americas of Africa and Asia Credit Hours: 3 New course: <input type="checkbox"/> Yes <input type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Projected student enrollment per academic year:</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> <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> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>E Area: Course Prefix: Course Number: Course Title: Credit Hours: New course: <input type="checkbox"/> Yes <input type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Projected student enrollment per academic year:</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> <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> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>E Area: Course Prefix: Course Number: Course Title: Population Geography Credit Hours: New course: <input type="checkbox"/> Yes <input type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Projected student enrollment per academic year:</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> <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> <p>Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>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)</p>	

<p>E Area: Learning Goal: To explore humanistic or artistic expression through inquiry or creativity.</p>	
<p>Learning Outcome 1: Students demonstrate understanding of diverse ideas, languages, products, or processes of humanistic inquiry or artistic expression.</p>	<p>Description of learning outcome assessment plan:</p>
<p>Learning Outcome 2: Students critically evaluate, synthesize, or create forms of human expression or inquiry.</p>	<p>Description of learning outcome assessment plan:</p>
<p>Additional information for REAL Council consideration:</p>	

CULTURAL OR BEHAVIORAL ANALYSIS

<p>A Area: Course Prefix: GEOG Course Number: 101 Course Title: Europe and the 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: 90 +</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective (Choice of 101 or 102) 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 checked="" 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: GEOG Course Number: 102 Course Title: Africa and Asia 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: 90 +</p>	<p>Is this course required or an elective for your degree program? <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective (Choice of 101 or 102) 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 checked="" 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: GEOG Course Number: 103 Course Title: Human Geography 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:50</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 checked="" 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: GEOG Course Number: 305 Course Title: Population Geography 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: 20</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 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> <ol style="list-style-type: none"> 1. GEOG 101 2. GEOG 102 3. GEOG 103 	

A Area:

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

<p>Learning Outcome 1: Students describe behaviors, beliefs, cultures, social institutions, and/or environments.</p>	<p>Description of learning outcome assessment plan: Data will be collected from the REAL General Studies Minor assessments conducted by the university in the student's senior year. Once the data is received in the department the department's assessment committee will review the data to determine if corrective action is necessary. If needed the assessment committee will develop an improvement plan in combination with faculty teaching classes in this area and the department's curriculum committee. The agreed upon changes will be incorporated into the classes. The department's assessment committee will then continue monitoring the collected assessment data to determine the effectiveness of the corrective action and determine further actions if necessary.</p>
<p>Learning Outcome 2: Students analyze the interactions of behaviors, beliefs, cultures, social institutions, and/or environments.</p>	<p>Description of learning outcome assessment plan: Data will be collected from the REAL General Studies Minor assessments conducted by the university in the student's senior year. Once the data is received in the department the department's assessment committee will review the data to determine if corrective action is necessary. If needed the assessment committee will develop an improvement plan in combination with faculty teaching classes in this area and the department's curriculum committee. The agreed upon changes will be incorporated into the classes. The department's assessment committee will then continue monitoring the collected assessment data to determine the effectiveness of the corrective action and determine further actions if necessary.</p>
<p>Additional information for REAL Council consideration:</p>	

APPLIED LEARNING

<p>L Area: Course Prefix: Course Number: Course Title: Credit Hours: 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:</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. 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:</p>
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<p>L Area: Course Prefix: Course Number: Course Title: Credit Hours: 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:</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. 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:</p>
<p>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)</p>	

<p>L Area: Learning Goal: To explore professional practice through the application of knowledge, skills, and critical reflection.</p>	
<p>Learning Outcome 1: Students apply acquired knowledge and skills to develop professional identity or professional practice.</p>	<p>Description of learning outcome assessment plan:</p>
<p>Learning Outcome 2: Students critically reflect on their learning, abilities, experiences, or role within professional contexts.</p>	<p>Description of learning outcome assessment plan:</p>
<p>Additional information for REAL Council consideration:</p>	

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: 4/21/20
Chair/Dean on Behalf of Dept/School:	Signature: 	Date: 4/21/20
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: