

# **VALDOSTA STATE UNIVERSITY**

## **ACADEMIC COMMITTEE PACKET**

### **ACADEMIC COMMITTEE**

**MONDAY,  
November 13, 2023**

**2:30 p.m.**

**Education Center  
Room 2130**

**Stanley Jones  
Registrar/Secretary of the Academic Committee**

ACADEMIC COMMITTEE  
AGENDA  
November 13, 2023

1. Minutes of the October 2, 2023 meeting. (page 1) were approved by email October 6, 2023.
2. **COLLEGE OF THE ARTS**
  - a. Revised degree requirements for the BFA in Art (pages 2-5).
  - b. Revised prerequisites ARED 3000 (pages 67-68).
3. **COLLEGE OF EDUCATION AND HUMAN SERVICES**
  - a. New course ELED 2500 (pages 6-7)
  - b. Deactivation of the BSED in Health and Physical Education (pages 8-9)
  - c. Revised prerequisite for MSED 5100, 6100, 6200, 6020, 6004, 6001, 6005, 5200, 5300, 5400, 5600, 6002, 6003, 6010, 6300, KSPE 6911, 6710, 6700, 6411, MUE 7600, 7610, FLED 6000, 6010, 6780, 6790, 6800, 7000, and 7010 (pages 10-11).
4. **COLLEGE OF SCIENCE AND MATHEMATICS**
  - a. Deactivation of the BA in Mathematics (pages 12-13)
  - b. Revised lab hours for CHEM 1151K (pages 14-16)
  - c. Revised lab hours for CHEM 1152K (pages 17-18)
  - d. Revised course number, and hours GEOG 1113K to GEOG 1113 (pages 19-34)
  - e. New course GEOG 1113L (pages 35-50)
  - f. New track for the BS in Environmental Geosciences – Geospatial Technology and Urban Planning (pages 51-54)
  - g. New track for the BS in Environmental Geosciences – Natural Hazards Management (pages 55-58)
  - h. New track for the BS in Environmental Geosciences – Environmental and Climate Sciences (pages 59-61)
  - i. New certificate in Geographic Information Systems and Planning (pages 62-64)
  - j. Deactivation of the BS in Astronomy (pages 65-66)
  - k. Revised requirements for the BS in Applied Mathematics – New Track Secondary Education (pages 69-72)

VALDOSTA STATE UNIVERSITY  
ACADEMIC COMMITTEE MINUTES  
October 2, 2023

The Academic Committee of the Valdosta State University Faculty Senate met in the STEAM Center, Monday, October 2, 2023. Dr. Sharon Gravett, Associate Provost for Academic Affairs, presided.

Members Present: Dr. Joshua Pifer, Dr. Carol Glen, Dr. Kelly Mathis (Proxy Dr. Michele Blankenship), Dr. Taewon Hwang, Ms. Samantha Paul, Dr. Laurel Yu, Mr. Tommy Crane, Dr. Deborah Brihl, Dr. Ophelie Desmet, Dr. Carol Glenn (Proxy Dr. Colette Drouillard, Mr. Brian Williams, Dr. R. Paul Mihail, Dr. Ophelie Desmet (Proxy Dr. Cynthia Tori), Dr. Kelly Mathis, Ms. Kyt Moore, and Ms. Tera Ray.

Members Absent: Dr. Kenny Ott, Dr. Michelle Blankenship, Dr. Colette Drouillard, Dr. Lisa Batten, and Dr. Cynthia Tori.

Catalog Editor: Dr. Jane Kinney and Dr. Kostopolus.

Visitors Present: Dr. Paul Vincent, and Dr. Andreas Lazari.

The Minutes of the April 10, 2023 meeting were approved by email on April 14, 2023. (pages 1-2).

**A. College of Education and Human Services**

1. New course, Elementary Education (ELED) 2501, "Survey of Science Standards for Elementary Education", (SURVEY OF ELED SCIENCE – 3 credit hours, 3 lecture hour, 0 lab hours, and 3 contact hours), was approved effective Fall Semester 2023 with the description changed to read ...breadth of fundamental scientific concepts... . (pages 3-4).

**B. College of Nursing and Health Sciences**

1. Deactivation of HSEP 7000, 7010, 7020, 7060, 7950, 7999, 6050, 6060, 7100, 7200 and 7400 was approved effective Spring Semester 2024. (pages 5-6).

**C. College of the Arts**

1. Revised degree requirements for the BFA in Art were TABLED. (pages 7-10).

**D. College of Science and Mathematics**

1. Revised prerequisites, Physical Science (PHSC) 1100, "The Universe of Energy", (THE UNIVERSE OF ENERGY – 3 credit hours, 3 lecture hour, 0 lab hours, and 3 contact hours), was approved effective Spring Semester 2024. (pages 11-12).
2. Revised course title and prerequisites, Chemistry (CHEM) 4210, "Senior Seminar", (SENIOR SEMINAR – 1 credit hour, 1 lecture hour, 0 lab hours, and 1 contact hour), was approved effective Spring Semester 2024. (pages 13-15).
3. New course, Chemistry (CHEM) 4710, "Biomaterial Chemistry", (SENIOR SEMINAR – 3 credit hours, 3 lecture hours, 0 lab hours, and 3 contact hours), was approved effective Spring Semester 2024 with the description changed to - Prerequisite: CHEM 3510 or approval of Instructor. A comprehensive study of classes of biomaterials (metals, polymers, ceramics, composites and nanomaterials). The course addresses the structure, characterization methods, chemistry, and application of biomaterials including biological and medical applications such as drug delivery, cardiovascular procedures (stents), orthopedic implants, and sutures. (pages 16-22).
4. Revised Core Curriculum was approved effective Fall Semester 2024. (pages 23-45) Needs BOR approval.

Respectfully submitted,

Stanley Jones  
Registrar


7.69  <b>Valdosta State University Curriculum Form</b> • <b>CURRICULUM CHANGE OR REVISED CATALOG COPY</b>		<b>Date of Submission:</b> 08/24/2023	
<i>*Course/curriculum change or addition originates with a faculty member or curriculum committee in the Academic Program.</i>			
<b>College:</b>	College of the Arts	<b>Dept. Initiating Request:</b>	Art & Design
<b>Requestor's Name:</b>	Monika Meler	<b>Requestor's Role:</b>	Department Head
<b>Check One Option:</b>	<input checked="" type="checkbox"/> Curriculum Change <i>(Changes to Program/Degree)</i>	<input type="checkbox"/> Revised Catalog Copy <i>(New Learning Outcomes, Admissions/Program Policies, Narrative, etc.)</i>	
<b>Program Level:</b>	<b>Course Classification:</b>	<b>Semester to be Effective:</b>	<b>Year to be Effective:</b>
<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	<input type="checkbox"/> Core (Area A-E) <input checked="" type="checkbox"/> Major Requirement <input type="checkbox"/> Elective	<input checked="" type="checkbox"/> Fall <input type="checkbox"/> Spring <input type="checkbox"/> Summer	2024
<b>Degree/Program Name:</b>	Bachelor of Fine Arts with a Major in Art		
<b>Current Catalog URL:</b>	<a href="http://catalog.valdosta.edu/undergraduate/academic-programs/arts/art/bfa-art/">http://catalog.valdosta.edu/undergraduate/academic-programs/arts/art/bfa-art/</a>		
<b>Present Requirements:</b>		<b>Proposed Requirements:</b> ( <a href="#">hover over for instructions</a> )	
<p>The Bachelor of Fine Arts degree is a professional degree program that prepares the student for competency in art and art-related careers and provides opportunities for further in-depth research and study in art and design. Students enrolled in this Bachelor of Fine Arts degree are expected to develop the knowledge, skills, concepts, and sensitivities essential to the professional life of the artist or designer. In any of many possible roles, the professional must exhibit not only technical competence, but also broad knowledge of art and design, the ability to integrate knowledge and skills, and an insight into the role of art and design in intellectual and cultural life.</p> <p>The BFA with a major in art is a comprehensive degree, which focuses on a common body of knowledge and skills in art studio and art history coursework. This is a 120-hour degree program.</p> <p>Selected Educational Outcomes and Competencies Students pursuing a BFA with a major in art will:</p> <ul style="list-style-type: none"> <li>demonstrate advanced skill in one or more areas of art production.</li> <li>demonstrate competence with principles of visual organization, including the ability to work with visual elements in two- and three-dimensions, color theory and its applications, and drawing.</li> <li>present work that demonstrates perceptual acuity, conceptual understanding, and technical facility at a professional entry level in their chosen field(s).</li> <li>demonstrate familiarity with the historical achievements, current major issues, processes, and directions of their field(s).</li> </ul>		<p>The Bachelor of Fine Arts degree is a professional degree program that prepares the student for competency in art and art-related careers and provides opportunities for further in-depth research and study in art and design. Students enrolled in this Bachelor of Fine Arts degree are expected to develop the knowledge, skills, concepts, and sensitivities essential to the professional life of the artist or designer. In any of many possible roles, the professional must exhibit not only technical competence, but also broad knowledge of art and design, the ability to integrate knowledge and skills, and an insight into the role of art and design in intellectual and cultural life.</p> <p>The BFA with a major in art is a comprehensive degree, which focuses on a common body of knowledge and skills in art studio and art history coursework. This is a 120-hour degree program.</p> <p>Selected Educational Outcomes and Competencies Students pursuing a BFA with a major in art will:</p> <ul style="list-style-type: none"> <li>demonstrate advanced skill in one or more areas of art production.</li> <li>demonstrate competence with principles of visual organization, including the ability to work with visual elements in two- and three-dimensions, color theory and its applications, and drawing.</li> <li>present work that demonstrates perceptual acuity, conceptual understanding, and technical facility at a professional entry level in their chosen field(s).</li> <li>demonstrate familiarity with the historical achievements, current major issues, processes, and directions of their field(s).</li> </ul>	

exhibit their work and participate in discussions of their work and the work of others.

demonstrate a working knowledge of technologies and equipment applicable to their studies in art.

demonstrate their competence by developing a senior project or final presentation in the major area of study.

Examples of Outcome Assessments

Assessment and evaluation of art works produced.

Senior exhibition and presentation review by committee using a criterion-based rubric.

Departmental review of student competition exhibition using a criterion-based rubric.

Comparisons of transcript audit results with accreditation curriculum requirements.

Review of selected artists' statements and art history research papers.

Requirements for the Bachelor of Fine Arts with a Major in Art

Code	Title	Hours
Core Curriculum		60
Core Curriculum Areas A-E (See VSU Core Curriculum)		42
Core Curriculum Area F		
ART 1010	Drawing I	3
ART 1020	Two Dimensional Design	3
ART 1011	Drawing II	3
ART 1030	3-Dimensional Design	3
ART 2030	Computers in Art	3
ARTH 2121	Art History Survey I	3
Major Curriculum		60
ART 3061	Ceramics I	3
ART 3081	Sculpture I	3
ART 3071	Black and White Photography	3
or ART 3072	Digital Photography	
ART 3091	Graphic Design I	3
ART 3041	Painting I	3

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ART 1030	3-Dimensional Design	3
ART 2030	Computers in Art	3
ARTH 2121	Art History Survey I	3
Major Curriculum		60
ART 3061	Ceramics I	3
ART 3081	Sculpture I	3
<a href="#">or ART 3101</a>	<a href="#">Jewelry and Metalsmithing I</a>	
ART 3071	Black and White Photography	3
or ART 3072	Digital Photography	
ART 3091	Graphic Design I	3

ART 3023	Figure Drawing	3	ART 3041	Painting I	3
ART 3051	Printmaking I	3	ART 3023	Figure Drawing	3
ART 4170	Professional Preparation	1	ART 3051	Printmaking I	3
ART 4171	Senior Exhibition Seminar	1	ART 4170	Professional Preparation	1
ART 4172	Senior Portfolio Presentation	1	ART 4171	Senior Exhibition Seminar	1
ARTH 2122	Art History Survey II	3	ART 4172	Senior Portfolio Presentation	1
ARTH 4150	Contemporary Art History	3	ARTH 2122	Art History Survey II	3
Art History (ARTH) Electives		3	ARTH 4150	Contemporary Art History	3
Studio Electives		18-27	Art History (ARTH) Electives		3
Art History and Criticism Electives		0-9	Studio Electives		18-27
Total hours required for the degree		120	Art History and Criticism Electives		0-9
Course List			Total hours required for the degree		120
			Course List		

**Justification:** (select one or more of the following and provide appropriate narrative below:)

- Improving student learning outcomes
  Mandate of State/Federal/Accrediting Agency  
 Adopting current best practice(s) in field
  Other –

This change provides students with more choice in regard to the three-dimensional media they can select to study in order to more effectively develop their artistic skills. This change reflects the more expansive approach to making found within professional contemporary art. This change would provide the department with more flexibility in the scheduling and staffing of courses, providing students with more opportunities to take these required courses and complete their degree in a timely manner.

**Source of Data to Support Change** (select one or more of the following):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.  
 Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

**Plans for assessing course effectiveness/meeting program learning outcomes**

(select one or more of the following and provide appropriate narrative below):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.  
 Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)  
 Other Data Source Descriptions –

Yearly review of SOIs data by the Department Head provides insight into student satisfaction regarding the nature and quality of instruction in these media. Also, the artworks made in these studios are regularly assessed as part of larger departmentally organized Qualtrics surveys; these assessments results are then reviewed every semester by the Departmental Assessment Committee, Departmental Faculty as a whole, and the Department Head, as well as every year by the University Assessment Committee as part of the Institutional Effectiveness Reports.



## Valdosta State University – Curriculum Change or Revised Catalog Copy Form

### • CURRICULUM CHANGE OR REVISED CATALOG COPY

Approvals:	Print:	Signature:	Date:
Department Head	Monika Meier	DocuSigned by: Monika Meier 219638AC7DC44E9...	10/23/2023   4:21
College/Division Executive Committee	Benjamin Harper	DocuSigned by: Benjamin Harper F6D3E9B38E63437...	10/23/2023   5:17
Dean/Director	Michael Schmidt	DocuSigned by:  3F9E5C30D32847F...	10/26/2023   5:18
Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			
*Will this change impact another college/department?		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes [select college & indicate department(s)]	
College:	Select One.	Department(s):	

	<h2 style="margin:0;">Valdosta State University Curriculum Form</h2> <ul style="list-style-type: none"> <li>• <b style="color: blue;">Request for a REVISED COURSE</b></li> </ul>	<b>Date of Submission:</b>	10/4/2023
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\*Course/curriculum revisions originate with a faculty member or curriculum committee in the Academic Program.

<b>College:</b>	College of Education and Human Services	<b>Dept. Initiating Request:</b>	Teacher Education
<b>Requestor's Name:</b>	Deborah Paine	<b>Requestor's Role:</b>	Department Head

CURRENT:	REQUESTED: <i>(list only items to be changed)</i>
<b>Course Prefix and Number:</b>	ELED 2500
<b>Course Title:</b>	Survey of Science Standards for Elementary Education.
<i>Lecture Hours:</i>	3
<i>Lab/Contact Hours:</i>	0
<i>Credit Hours:</i>	3
<b>Pre-requisites:</b>	

<b>CURRENT Course Description:</b>  An introduction to the fundamental concepts of scientific literacy through an examination of the National Science Education Standards (NSES), the Next Generation Science Standards (NGSS), and the Georgia Standards of Excellence (GSE). Students will develop a basic understanding of practices, concepts, and ideas necessary for effective elementary science teaching.	<b>NEW Course Description:</b> <u><a href="#">(hover over for instructions)</a></u>  <u><a href="#">An inquiry-based introduction to the breadth of fundamental science concepts in kindergarten through grade five. Students will explore the progression of elementary science standards through an examination of the Next Generation Science Standards (NGSS), A Framework for K-12 Science Education, and the Science Georgia Standards of Excellence (GSE) while focusing on the important features of three-dimensional learning. Students will conduct and participate in laboratory exercises.</a></u>
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Program Level:	Course Classification:	Semester to be Effective:	Year to be Effective:	Estimated Frequency of Course Offering:
<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	<input type="checkbox"/> Core (Area A-E) <input checked="" type="checkbox"/> Major Requirement <input type="checkbox"/> Elective	<input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Summer	2024	<i>Every Semester</i>

**Justification:** *(select one or more of the following and provide appropriate narrative below:)*

<input type="checkbox"/> Improving student learning outcomes	<input type="checkbox"/> Mandate of State/Federal/Accrediting Agency
<input checked="" type="checkbox"/> Adopting current best practice(s) in field	<input type="checkbox"/> Other –

Course description updated to meet the objectives of the course.

**Source of Data to Support Change** *(select one or more of the following):*

<input type="checkbox"/> Indirect Measures; SOIs, student/employer/alumni surveys, etc.
<input checked="" type="checkbox"/> Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

**Plans for assessing course effectiveness/meeting program learning outcomes**



(select one or more of the following and provide appropriate narrative below):

Indirect Measures; SOIs, student/employer/alumni surveys, etc.

Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)


Other Data Source Descriptions –

 **Valdosta State University - REVISED COURSE Form**  
 • Request for a REVISED COURSE

Approvals:	Print:	Signature:	Date:
Department Head	Deborah Paine	DocuSigned by: <i>Deborah Paine</i> EB41DD4F82CC4C4...	10/12/2023   11:40 AM EDT
College/Division Executive Committee			
Dean/Director	David Slykhuis	DocuSigned by: <i>[Signature]</i> DFAE59216E384AB...	10/19/2023   5:25 PM EDT
Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			

**\*Will this change impact another college/department?**  No  Yes [select college & indicate department(s)]

<b>College:</b>	Select One.	<b>Department(s):</b>	
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 <b>Valdosta State University Curriculum Form</b> • Request to DEACTIVATE/ACTIVATE a Course/Program		<b>Date of Submission:</b>	10/4/2023
<b>College:</b>	College of Education and Human Services	<b>Dept. Initiating Request:</b>	
<b>Requestor's Name:</b>	Natalie Kuhlmann	<b>Requestor's Role:</b>	Select One.
<b>List of Courses (or the program or track)</b>		Degree: Bachelor of Science in Education Major: Health and Physical Education CIP Code: 131314	
<input type="checkbox"/> Deactivate Course(s) <input type="checkbox"/> Reactivate Course(s)		Deactivation Date: 01/01/2024 Termination Date: 06/01/2026	
<b>Program Level:</b>	<b>Course Classification:</b>	<b>Semester to be Effective:</b>	<b>Year to be Effective:</b>
<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	<input type="checkbox"/> Core (Area A-E) <input type="checkbox"/> Major Requirement <input type="checkbox"/> Elective	<input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Summer	2024
<b>Estimated Frequency of Course Offering:</b>			
Select One.			
<b>Justification:</b> (select one or more of the following and provide appropriate narrative below:)			
<input type="checkbox"/> Improving student learning outcomes <input type="checkbox"/> Adopting current best practice(s) in field <input type="checkbox"/> Mandate of State/Federal/Accrediting Agency <input checked="" type="checkbox"/> Other –			
<p>Rationale: Faculty within this program currently teach across four different health and physical education programs (BSEd Health &amp; Physical Education, MAT Health &amp; Physical Education, MEd Health &amp; Physical Education, and EdS Coaching Pedagogy in Physical Education) and three different minors (Coaching, Health &amp; Physical Education, and Recreation and Leisure). Student enrollment and completion in two of the four degree programs have increased significantly and enrollment in the minors remain strong. During this same time, the undergraduate degree program has steadily declined in enrollment and graduation rates.</p> <p>Teach-out Plan: This program has admission criteria which restrict students from enrolling in professional coursework prior to meeting admission criteria. All students majoring in this program who had not yet met program admission criteria were contacted over Summer 2023 and early Fall 2023. Those students who already met admission criteria for admission into the program were asked to enroll in the admission gateway course, EDUC 2999, in Fall 2023. These two students are on track to begin professional coursework in Spring 2024. All other students were advised about changing majors and provided alternative options for teacher certification in Health and Physical Education. We plan to retain our MAT Health and Physical Education program, which also leads to initial certification in the field. Students who remain in the undergraduate program will be able to complete their coursework as usual until graduation, which should occur on or before Fall 2024. Students who return to VSU after non-enrollment for three or more semesters will be advised to change majors.</p>			
<b>Source of Data to Support Change</b> (select one or more of the following and provide appropriate narrative below):			
<input type="checkbox"/> Indirect Measures; SOIs, student/employer/alumni surveys, etc. <input checked="" type="checkbox"/> Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)			
5 Year Enrollment Trends:			

Physical Education-Coe (Pre-Admission) Enrollees:



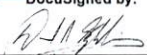
Academic Year	Fall	Spring	Summer	Total
2018-19	29	26	8	63
2019-20	30	28	15	73
2020-21	39	26	14	79
2021-22	31	30	10	71
2022-23	21	17	5	43


Health and Physical Education (Post-Admission) Enrollees:

Academic Year	Fall	Spring	Summer	Total
2018-19	20	22	10	52
2019-20	22	19	5	46
2020-21	16	13	1	30
2021-22	4	4	3	11
2022-23	9	11	1	21

Number of Graduates:

Academic Year	Fall	Spring	Summer	Total
2018-19	0	8	0	8
2019-20	0	8	0	8
2020-21	3	9	0	12
2021-22	0	1	0	1
2022-23	0	1	0	1

 <b>Valdosta State University – DEACTIVATE/ACTIVATE a Course/Program</b> • Request to DEACTIVATE/ACTIVATE a Course/Program			
Approvals:	Print:	Signature:	Date:
Department Head	Deborah Paine	DocuSigned by:  EB41DD4F62CC4C4...	10/12/2023   11:40 AM EDT
College/Division Executive Committee			
Dean/Director	David Slykhuis	DocuSigned by:  DFAE59216E3B4AB...	10/19/2023   5:25 PM EDT
Graduate Executive Committee <i>(for graduate course)</i>			
Graduate Dean <i>(for graduate course)</i>			
Academic Committee			
<b>*Will this change impact another college/department?</b>		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>[select college &amp; indicate department(s)]</i>	
College:	Select One.	Department(s):	

 <b>Valdosta State University Curriculum Form</b> • <b>Request for a REVISED COURSE</b>			<b>Date of Submission:</b> 10/4/2023	
<i>*Course/curriculum revisions originate with a faculty member or curriculum committee in the Academic Program.</i>				
<b>College:</b>	College of Education and Human Services		<b>Dept. Initiating Request:</b>	Various
<b>Requestor's Name:</b>	Natalie Kuhlmann		<b>Requestor's Role:</b>	Select One.
<b>CURRENT:</b>			<b>REQUESTED:</b> <i>(list only items to be changed)</i>	
<b>Course Prefix and Number:</b>	MSED 5100 MSED 6100 MSED 6200 MSED 6020 MSED 6004 MSED 6001 MSED 6005 MSED 5200 MSED 5300 MSED 5400 MSED 5600 MSED 6002 MSED 6003 MSED 6010 MSED 6300	KSPE 6911 KSPE 6710 KSPE 6700 KSPE 6411 MUE 7600 MUE 7610 FLED 6000 FLED 6010 FLED 6780 FLED 6790 FLED 6800 FLED 7000 FLED 7010	<b>Course Prefix and Number:</b>	
<b>Course Title:</b>	Varies		<b>Course Title:</b>	
<i>Lecture Hours:</i>	Varies		<i>Lecture Hours:</i>	
<i>Lab/Contact Hours:</i>	Varies		<i>Lab/Contact Hours:</i>	
<i>Credit Hours:</i>	Varies		<i>Credit Hours:</i>	
<b>Pre-requisites:</b>	One or more XXXX 2999 courses		<b>Pre-requisites:</b>	<i>One or more XXXX 2999 courses</i>
<b>CURRENT Course Description:</b>			<b>NEW Course Description:</b> <a href="#"><i>(hover over for instructions)</i></a>	
Varies				
<b>Program Level:</b>	<b>Course Classification:</b>	<b>Semester to be Effective:</b>	<b>Year to be Effective:</b>	<b>Estimated Frequency of Course Offering:</b>
<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate	<input type="checkbox"/> Core (Area A-E) <input type="checkbox"/> Major Requirement <input type="checkbox"/> Elective	<input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Summer	2024	<i>Every Semester</i>
<b>Justification:</b> <i>(select one or more of the following and provide appropriate narrative below:)</i>				
<input type="checkbox"/> Improving student learning outcomes <input type="checkbox"/> Mandate of State/Federal/Accrediting Agency <input type="checkbox"/> Adopting current best practice(s) in field <input checked="" type="checkbox"/> Other –				
This undergraduate course was required for graduate initial teaching students to ensure they completed requirements for program progression upon enrollment. Recently, we have been able to shift these tasks to admission and outside of a course so the EDUC 2999 course no longer needs to be required. Instead, the advisor will collect and maintain records on the students. This course may need to be added back to the curriculum if students struggle to complete requirements outside of a course setting.				

**Source of Data to Support Change** (select one or more of the following):

Indirect Measures; SOIs, student/employer/alumni surveys, etc.

Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

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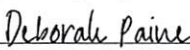
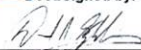
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Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

Other Data Source Descriptions –

 <b>Valdosta State University - REVISED COURSE Form</b> • Request for a REVISED COURSE			
Approvals:	Print:	Signature:	Date:
Department Head	Deborah Paine	DocuSigned by:  EB41DD4F62CC4C4...	10/12/2023   11:41 AM EDT
College/Division Executive Committee			
Dean/Director	David Slykhuis	DocuSigned by:  DFAE59216E384AB...	10/19/2023   5:25 PM EDT
Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			
<b>*Will this change impact another college/department?</b>		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes [select college & indicate department(s)]	
College:	Select One.	Department(s):	Music, Modern and Classical Languages



# Valdosta State University Curriculum Form

• Request to DEACTIVATE/ACTIVATE a Course/Program

Date of Submission: 08/1/2023

College: College of Science and Mathematics

Dept. Initiating Request: CoSM

Requestor's Name: Pierre-Richard Cornely

Requestor's Role: Dean

List of Courses (or the program or track)

*\*(Example: CLASS 1111 Introduction to Class)*

B.A. Mathematics

- Deactivate Course(s)
- Reactivate Course(s)

Program Level:

Course Classification:

Semester to be Effective:

Year to be Effective:

Estimated Frequency of Course Offering:

- Undergraduate
- Graduate

- Core (Area A-E)
- Major Requirement
- Elective

- Fall
- Spring
- Summer

2023

Select One.

Justification: (select one or more of the following and provide appropriate narrative below:)

- Improving student learning outcomes
- Mandate of State/Federal/Accrediting Agency
- Adopting current best practice(s) in field
- Other –

The B.A. in Mathematics is considered an under-enrolled program. The Department of Math is shifting its focus to the B.S. in Applied Mathematics with a focus on data science and applied statistics, with the goal of increasing enrollment. In the upcoming year and as the program is taught out, the new Applied Mathematics and Physics Department will be revising the curriculum and deactivating courses as necessary.

Source of Data to Support Change (select one or more of the following and provide appropriate narrative below:)

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.
- Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

In Spring 2023 there were 21 majors, 8 degrees conferred in AY21-22 and 2 degrees in AY22-23, according to Blazer Insights.



# Valdosta State University – DEACTIVATE/ACTIVATE a Course/Program

- Request to DEACTIVATE/ACTIVATE a Course/Program

Approvals:	Print:	Signature:	Date:
Department Head	Andrea C. LaFari		10/17/23
College/Division Executive Committee	Pierre-Richard Cornely	Pierre-Richard Cornely	10/18/23
Dean/Director	Pierre-Richard Cornely	Pierre-Richard Cornely	10/18/23
Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			
*Will this change impact another college/department?		<input type="checkbox"/> No <input type="checkbox"/> Yes [select college & indicate department(s)]	
College:	Select One.	Department(s):	



# Valdosta State University Curriculum Form

• Request for a REVISED COURSE

Date of Submission: 10/4/2023

\*Course/curriculum revisions originate with a faculty member or curriculum committee in the Academic Program.

College:	College of Science and Mathematics	Dept. Initiating Request:	Chemistry & Geosciences
Requestor's Name:	Kurt Winkelmann	Requestor's Role:	Department Head

CURRENT:		REQUESTED: <i>(list only items to be changed)</i>	
Course Prefix and Number:	CHEM 1151K	Course Prefix and Number:	
Course Title:	Survey of Chemistry I	Course Title:	
Lecture Hours:	3	Lecture Hours:	
Lab/Contact Hours:	2	Lab/Contact Hours:	3
Credit Hours:	4	Credit Hours:	
Pre-requisites:	none	Pre-requisites:	

CURRENT Course Description:	NEW Course Description: <a href="#"><i>(hover over for instructions)</i></a>
A study of the fundamental principles of chemistry emphasizing modern atomic theory, the structure and behavior of atoms, the properties and states of matter, energy relations, periodicity and mole concepts. Laboratory experiments supplement the study of the listed topics.	

Program Level:	Course Classification:	Semester to be Effective:	Year to be Effective:	Estimated Frequency of Course Offering:
<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	<input checked="" type="checkbox"/> Core (Area A-E) <input type="checkbox"/> Major Requirement <input type="checkbox"/> Elective	<input checked="" type="checkbox"/> Fall <input type="checkbox"/> Spring <input type="checkbox"/> Summer	2024	Every Semester

Justification: *(select one or more of the following and provide appropriate narrative below:)*

- Improving student learning outcomes
- Adopting current best practice(s) in field
- Mandate of State/Federal/Accrediting Agency
- Other –

Increasing the laboratory hours will allow for more time to cover topics more thoroughly and improve student learning.






**Source of Data to Support Change** (select one or more of the following):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.
- Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

**Plans for assessing course effectiveness/meeting program learning outcomes**

(select one or more of the following and provide appropriate narrative below):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.
- Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)
- Other Data Source Descriptions –

 <b>Valdosta State University - REVISED COURSE Form</b> • Request for a REVISED COURSE			
Approvals:	Print:	Signature:	Date:
Department Head	Kurt Winkulmeyer	<i>Kurt Winkulmeyer</i>	10-17-23
College/Division Executive Committee	Pierre-Richard Cornely	<i>Pierre-Richard Cornely</i>	10-18-23
Dean/Director	Pierre-Richard Cornely	<i>Pierre-Richard Cornely</i>	10-18-23
Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			
<b>*Will this change impact another college/department?</b>		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes [select college & indicate department(s)]	
College:	College of Nursing and Health Sciences	Department(s):	Nursing



# Valdosta State University Curriculum Form

• Request for a REVISED COURSE

Date of Submission:

10/4/2023

*\*Course/curriculum revisions originate with a faculty member or curriculum committee in the Academic Program.*

College:	College of Science and Mathematics	Dept. Initiating Request:	Chemistry & Geosciences
Requestor's Name:	Kurt Winkelmann	Requestor's Role:	Department Head

CURRENT:		REQUESTED: <i>(list only items to be changed)</i>	
Course Prefix and Number:	CHEM 1152K	Course Prefix and Number:	
Course Title:	Survey of Chemistry II	Course Title:	
Lecture Hours:	3	Lecture Hours:	
Lab/Contact Hours:	2	Lab/Contact Hours:	3
Credit Hours:	4	Credit Hours:	
Pre-requisites:	CHEM 1151K with a grade of "C" or better.	Pre-requisites:	

CURRENT Course Description:	NEW Course Description: <u><a href="#">hover over for instructions</a></u>
A study of the properties, preparation, and reactions of organic compounds in light of modern theories of molecular structure. An overview of the chemistry of living systems including the structure of biological molecules, metabolism, and molecular genetics. Laboratory experiments supplement the study of the listed topics.	

Program Level:	Course Classification:	Semester to be Effective:	Year to be Effective:	Estimated Frequency of Course Offering:
<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	<input checked="" type="checkbox"/> Core (Area A-E) <input type="checkbox"/> Major Requirement <input type="checkbox"/> Elective	<input checked="" type="checkbox"/> Fall <input type="checkbox"/> Spring <input type="checkbox"/> Summer	2024	Every Semester

**Justification:** *(select one or more of the following and provide appropriate narrative below:)*

Improving student learning outcomes       Mandate of State/Federal/Accrediting Agency  
 Adopting current best practice(s) in field       Other --

Increasing the laboratory hours will allow for more time to cover topics more thoroughly and improve student learning.




**Source of Data to Support Change (select one or more of the following):**

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.
- Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

**Plans for assessing course effectiveness/meeting program learning outcomes**

(select one or more of the following and provide appropriate narrative below):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.
- Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)
- Other Data Source Descriptions –

Approvals:	Print:	Signature:	Date:
Department Head	Kurt Winkelmann		10-17-23
College/Division Executive Committee	Pierre-Richard Coruely		10-18-23
Dean/Director	Pierre-Richard Coruely		10-18-23
Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			
<b>*Will this change impact another college/department?</b>		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes [select college & indicate department(s)]	
<b>College:</b>	College of Nursing and Health Sciences	<b>Department(s):</b>	Nursing



# Valdosta State University Curriculum Form

• Request for a REVISED COURSE

Date of Submission: 09/21/2023

\*Course/curriculum revisions originate with a faculty member or curriculum committee in the Academic Program.

College:	College of Science and Mathematics	Dept. Initiating Request:	Chemistry and Geosciences
Requestor's Name:	Paul Vincent	Requestor's Role:	Faculty

CURRENT:		REQUESTED: <i>(list only items to be changed)</i>	
Course Prefix and Number:	GEOG 1113K	Course Prefix and Number:	GEOG 1113
Course Title:	Introduction to Land Forms	Course Title:	Introduction to Landforms
Lecture Hours:	3	Lecture Hours:	3
Lab/Contact Hours:	2	Lab/Contact Hours:	0
Credit Hours:	4	Credit Hours:	3
Pre-requisites:	Prerequisite or corequisite: MATH 1101 or higher	Pre-requisites:	

CURRENT Course Description:	NEW Course Description: <a href="#"><i>hover over for instructions</i></a>
Prerequisite or corequisite: MATH 1101 or higher. Introductory analysis and classification of major types of land surfaces, stressing geographic characteristics. Study and interpretation of relationships between landforms and other phenomena through maps, aerial photos, and field observations. World coverage with emphasis on North America.	

Program Level:	Course Classification:	Semester to be Effective:	Year to be Effective:	Estimated Frequency of Course Offering:
<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	<input checked="" type="checkbox"/> Core (Area A-E) <input checked="" type="checkbox"/> Major Requirement <input type="checkbox"/> Elective	<input checked="" type="checkbox"/> Fall <input type="checkbox"/> Spring <input type="checkbox"/> Summer	2024	Every Semester

**Justification:** *(select one or more of the following and provide appropriate narrative below:)*

Improving student learning outcomes       Mandate of State/Federal/Accrediting Agency  
 Adopting current best practice(s) in field       Other –

Separating the lecture and lab will provide students more flexibility with the schedules because all labs will be open to all students despite the lecture instructor. In addition, students who pass lab but fail to pass the lecture will not have to retake the 4-credit hour course; likewise, students that pass the lecture but fail to pass the lab will not have to retake the 4-credit hour course.

**Source of Data to Support Change (select one or more of the following):**




- Indirect Measures; SOIs, student/employer/alumni surveys, etc.
- Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

**Plans for assessing course effectiveness/meeting program learning outcomes**

(select one or more of the following and provide appropriate narrative below):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.
- Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)
- Other Data Source Descriptions –

Data gathered from recent semesters indicate that at least 20% of students pass the lab but not the lecture. Separating the lab and the lecture will enable these students to be more successful in passing a portion of the course instead of having to re-take the entire course.

Approvals:	Print:	Signature:	Date:
Department Head	Kurt Winkelmann		10-17-23
College/Division Executive Committee	Pierre-Richard Cornely		10-18-23
Dean/Director	Pierre-Richard Cornely		10-18-23
Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			
*Will this change impact another college/department?		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (select college & indicate department(s))	
College:	Select One.	Department(s):	

## #### Institution Course Prefix and Number

This form is updated periodically. Please be sure you are using the **latest** version of this form, which may be downloaded from:

[https://www.usg.edu/strategic\\_academic\\_initiatives/assets/strategic\\_academic\\_initiatives/committee\\_documents/InstitutionalCourseProposalForm.docx](https://www.usg.edu/strategic_academic_initiatives/assets/strategic_academic_initiatives/committee_documents/InstitutionalCourseProposalForm.docx) This form was last updated on 1/26/21.

# Core Curriculum Course Proposal Form – Areas A – E

**Proposing institutions and reviewing bodies should review the following before completing their sections of this form.**

Requests for courses to be added to Areas A-E:

- Is the course at the collegiate level?
- Is the course broadly focused?
- Is the discipline of the course appropriately specified?
- Does the numbering of the course reflect the appropriate level (freshman, sophomore . . .)?
- Do the course prefix, numbering, title, and description conform with the USG list of Common Course Prefixes, Numbers, Titles, and Descriptions? Academic and Student Affairs Handbook, Section 2.4.10  
([https://www.usg.edu/academic\\_affairs\\_handbook/section2/handbook/C738/#p2.4.10\\_common\\_courses\\_prefixes\\_numbers\\_and\\_descriptions](https://www.usg.edu/academic_affairs_handbook/section2/handbook/C738/#p2.4.10_common_courses_prefixes_numbers_and_descriptions))

Rules for inclusion in Areas A-E:

- See the Academic and Student Affairs Handbook, Section 2.4.4 Details Regarding Areas A-F  
([https://www.usg.edu/academic\\_affairs\\_handbook/section2/handbook/C738/#p2.4.4\\_details\\_regarding\\_areas\\_af](https://www.usg.edu/academic_affairs_handbook/section2/handbook/C738/#p2.4.4_details_regarding_areas_af))
- See the Academic and Student Affairs Handbook, Section 2.4.5 Rules Regarding Inclusion in Areas A-F  
([https://www.usg.edu/academic\\_affairs\\_handbook/section2/handbook/C738/#p2.4.5\\_rules\\_regarding\\_inclusion\\_in\\_areas\\_af](https://www.usg.edu/academic_affairs_handbook/section2/handbook/C738/#p2.4.5_rules_regarding_inclusion_in_areas_af))
- See the prerequisite rules in the Academic and Student Affairs Handbook, Section 2.4.7  
([https://www.usg.edu/academic\\_affairs\\_handbook/section2/handbook/C738/#p2.4.7\\_prerequisites\\_and\\_exceptions](https://www.usg.edu/academic_affairs_handbook/section2/handbook/C738/#p2.4.7_prerequisites_and_exceptions))

**Note:** The Board of Regents approved the principles for redesign of General Education in September 2019 ([https://www.usg.edu/redesigned\\_general\\_education/general\\_educational\\_design\\_principles](https://www.usg.edu/redesigned_general_education/general_educational_design_principles)). Due to the impact of COVID-19, these processes are currently on hold ([https://www.usg.edu/redesigned\\_general\\_education](https://www.usg.edu/redesigned_general_education)). The Council on General Education continues to consider proposals/changes under the existing policies ([https://www.usg.edu/policymanual/section3/C338/#p3.3.1\\_core\\_curriculum](https://www.usg.edu/policymanual/section3/C338/#p3.3.1_core_curriculum)) pending further action by the Board of Regents. Approval for the current core does not guarantee approval under the Redesigned General Education Curriculum. Institutions should take this information into account when proposing new courses or curriculum modifications.

There are 4 parts to this form:

- [Part 1](#) is to be filled out by the **Institution** proposing the course.
- [Part 2](#) is to be filled out by the Regents' Academic Advisory Committee (**RAC**) reviewing the course.
- [Part 3](#) is to be filled out by the Regents' Advisory Committee on Academic Affairs (**RACAA**), if needed.
- [Part 4](#) is to be filled out by the **Council on General Education**.

## Part 1. To be filled out by the institution proposing the course.

**Note:** This form and all ancillary information should be filled out in Word and saved as a single document using the following file-naming convention:

UniqueAbbreviationForYourCollegeCoursePrefixCourseNumber for example GCSUPSYC1101.docx

You will then fill out some very brief information and upload the entire document to the USG website at [https://www.usg.edu/strategic\\_academic\\_initiatives/committees/course\\_proposal\\_form](https://www.usg.edu/strategic_academic_initiatives/committees/course_proposal_form)

**Please do not delete any pages of this document.**

1. **Institution:**

2. **This is a proposal for** (mark one box below):

<input type="checkbox"/>	<b>Change in an already-approved course only, no change in Area.</b> Mark this box if you are making a change in a course that is already approved for Areas A-E at your institution. Provide information in the boxes below on the current course, the new course, and the rationale for the change.
	Course change information
	<b>From:</b>
	<b>To:</b>
	<b>Rationale:</b>
<input checked="" type="checkbox"/>	Placement of a course into Areas A-E of the Core Curriculum.

3. **Course Subject** (e.g., philosophy):

4. **Course Prefix and Number** (e.g., PSYC 1101):

5. **Course Title** as it appears (or will appear) in the catalog:

6. **Lecture Hours – Laboratory Hours\* – Credit Hours** (e.g., 3-0-3):

<input type="text" value="0"/>	<input type="text" value="2"/>	<input type="text" value="1"/>
--------------------------------	--------------------------------	--------------------------------

\* In determining credit hours, 2 – 3 laboratory hours are usually equivalent to one credit hour. So a course with a 2 hour lab would be 3-2-4; a course with a 3 hour lab would be 3-3-4.

7. **Provide a catalog description of the course** in the box below:



#### Institution Course Prefix and Number

Prerequisite or corequisite: GEOG 1113. A laboratory course to accompany GEOG 1113, with exercises on the geographic nature of landforms and the analysis of landforms using topographic maps.

### 8. Course Prerequisites:

**Learning Support Prerequisites or Corequisites:** Please select the most appropriate Learning Support prerequisite or corequisite statement. Check only one.

- |                                     |  |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | None   |
| <input type="checkbox"/>            | Corequisite: Learning Support English unless exempted.                                 |
| <input type="checkbox"/>            | Exit or exemption from Learning Support English.                                       |
| <input type="checkbox"/>            | Corequisite: Learning Support Mathematics unless exempted.                             |
| <input type="checkbox"/>            | Exit or exemption from Learning Support Mathematics.                                   |
| <input type="checkbox"/>            | Exit or exemption from both Learning Support English and Learning Support Mathematics. |
| <input type="checkbox"/>            | Other (explain):   |

**Collegiate Courses that will be Prerequisites and/or Corequisites for this course** (enter "none" if not applicable):

GEOG 1113

### 9. Requests for Exceptions to the Prerequisite Rules

The Academic and Student Affairs Handbook, section [2.4.7](#) states that:

Courses in one Area (A-E) may be prerequisites for other courses in that area.

Except as noted below,

- No course in Area A-E may be a prerequisite for any course outside Areas A-E.
- No course in one Area (A-E) may be a prerequisite for any course in any other areas (A-E).

Institutions may apply for permission to specify that students in one or more of their degree programs are required to take particular courses within Areas A-E. Applications will be considered first by the relevant Regents Academic Advisory Committees (the Advisory Committee for the degree program and the Advisory Committee for the course), then by the Administrative Committee on Academic Affairs (RACAA), and then by the Council on General Education.

**Are you requesting that students in a particular program or programs be required to take specific courses from electives within Areas A-E? (Courses that are required of all students at your institution do not count here.)**

<input type="checkbox"/>	Yes
<input checked="" type="checkbox"/>	No

If yes, which program or programs?

--

#### Institution Course Prefix and Number

Please review section 2.4.7 of the Academic and Student Affairs Handbook and provide a rationale in support of your request.

**10. Common Course Prefixes, Numbers, Titles, and Descriptions**

Does this course use a common course prefix and number as listed in the Academic and Student Affairs Handbook, Section 2.4.10? (Please review the list of common course prefixes, numbers, and descriptions at [https://www.usg.edu/academic\\_affairs\\_handbook/section2/C738/#p2.4.10](https://www.usg.edu/academic_affairs_handbook/section2/C738/#p2.4.10) common course prefixes numbers and descriptions).

x	Yes
	No

If you responded "no," is a common course prefix and number available for this course?

	Yes
	No

If you responded "no" that you are not using a common course prefix and number and "yes" that a common course prefix and number are available for this course, please explain in the space below why your institution does not want to use the common course prefix and number and why your institution selected the prefix and number indicated on this proposal.

**11. Course approval by institution**

List each step of the approval process at your institution and provide the dates on which your proposal was approved by each body or at each level. **By submitting this proposal you are affirming that this proposal has already received all appropriate approvals at your institution and that the proposal is being submitted with the knowledge and final approval of the Provost/VPAA at your institution, who should be listed on one of the lines below.**

Date	Level or approving body
10/5/2023	Department curriculum committee
	College of Science and Mathematics executive committee
	VSU Academic Committee

**12. Core Area(s) for Proposed Course**

#### Institution Course Prefix and Number

What Core Area(s) (A-E) is this course being proposed for?

D

If Area D (only) specify appropriate groups of majors	
	math/science majors
x	health professions majors
x	non-math/science/health professions majors

What is your institution's approved Learning Outcome for the area(s) of the proposed course?

VSU learning outcome for Area D: Students will demonstrate understanding of the physical universe and the nature of science, and they will use scientific methods and/or mathematical reasoning and concepts to solve problems.

BOR updated learning outcome for Area D: Students will use the scientific method and laboratory procedures or mathematical and computational methods to analyze data, solve problems, and explain natural phenomena

How will this course satisfy the Learning Outcome for this area?

In lab, students gain practical experience with the scientific method and experimental design. They use a variety of standard lab protocols and techniques including lab safety, taking measurements and calculations. In addition, the assignments and activities completed in the lab enable students to demonstrate their understanding of fundamental concepts of earth science, earth surface processes, landform identification, and landform analysis.

How will your institution assess whether students taking this course meet the approved Learning Outcome?

All courses in the Core Curriculum are required to submit reports that document student learning gains data and is reviewed bi-annually by the Valdosta State University Assessment Committee which, in turn provides feedback to the Department instructing that course.

How will this course fit into the General Education Core Curriculum at your institution?

The course that is being proposed is a modification to GEOG 1113K which is already part of the core in areas D.1 and D.2.b. This class is an option available to students from non-science majors.

### 13. Previous Versions of this Proposal

Have any proposals for this course previously been submitted by your institution to the Council on General Education?

	Yes
x	No

#### Institution Course Prefix and Number

If yes, please indicate the date or dates (for repeat submissions) as best you can.

What actions were taken on your previous submission(s)?

	Approved
	Denied
	Withdrawn
	Tabled

If a previous proposal was tabled or withdrawn, please explain.

How have you changed this proposal since the last time you submitted a proposal for this course?

**14. Appropriate Academic Committee to Review this Proposal**

Please recommend the most appropriate Regents' Academic Advisory Committee (RAC) to review this proposal.

	Anthropology		Foreign Languages
	Arts and Sciences Deans	x	Geological Sciences and Geography
	Biological Sciences		Georgia Film Academy Film Production
	Business Administration, Management, & Economics		History
	Chemistry		Humanities
	Communication		Kinesiology
	Computing Disciplines		Mathematical Subjects
	Criminal Justice		Nursing
	Data Science		Philosophy & Religion
	Educator Preparation		Physics & Astronomy
	English		Political Science
	Environmental Science		Psychology
	Family and Consumer Services		Social Work

#### Institution Course Prefix and Number

Fine and Applied Arts

Sociology

**15. Please provide the following contact information for the person submitting the proposal. This should be either the Provost/VPAA or someone designated by the Provost/VPAA:**

<b>Name of Person Submitting Proposal:</b>	Dr. Sharon L Gravett
<b>Email Address:</b>	sgravett@valdosta.edu
<b>Phone Number:</b>	229.333.5993
<b>Mailing Address:</b>	Academic Affairs, 1500 N. Patterson St, Valdosta GA 31602

Please fill in the **Course Description Template** below. This should be generic information that will apply to ALL sections of the course to be taught at your institution, not just to courses taught by a particular instructor. Please do not attach a complete syllabus.

#### Course Learning Outcomes

Provide a bulleted list of the course learning outcomes.

- Understand the way maps and globes represent the Earth;
- Use topographic maps to analyze and identify landforms;
- Explain the structure and composition of the Earth;
- Understand the different types of Earth surface processes;
- Describe the ways those processes shape the Earth's surface;
- Identify different types of landforms on the Earth's surface.

#### Course Content

Provide a topical outline demonstrating the breadth and depth of the course. Please be as comprehensive as possible within the limits of an outline.

Content of the lab includes:

- Using latitude and longitude
- Reading topographic maps
- Creating topographic profiles
- Rock and mineral identification
- Landforms associated with faults
- Volcanic landforms
- Fluvial landforms
- Karst landforms
- Eolian landforms
- Coastal landforms
- Glacial landforms

#### Assessment Strategies

**#### Institution Course Prefix and Number**

**How will your institution assess whether students taking this course meet the approved Learning Outcome?**

**Direct Assessment (Student Artifacts Assessed by Rubric, Collegiate Learning Assessment, etc. Please explain how you plan to use direct methods to assess achievement of your approved Learning Outcome.)**

**Scoring of lab assignments and lab quizzes.**

**Indirect Assessment (Surveys, Exit Interviews, Focus Groups, etc. Please explain how you plan to use indirect assessment methods to assess achievement of your approved Learning Outcome.)**

**Other (Please explain how you plan to use other methods to assess achievement of your approved Learning Outcome.)**

**Instructional Strategies**

**Provide a list of the instructional strategies that will be used to achieve course learning outcomes, such as lecture or non-traditional methods such as online classes or the use of experiential instruction.**

**Lab instruction will include lectures, demonstrations, and hands-on assignments with topographic maps and globes.**

**Potential Textbooks**

**Provide examples of possible textbooks for the course.**

- **Physical Geography Lab manual 13<sup>th</sup> edition (2021), by Darrell Hess.**
- **Applied Physical Geography: Geosystems in the Laboratory 10<sup>th</sup> edition (2017) by Charles Thomsen and Robert Christopherson**

#### Institution Course Prefix and Number

## Part 2. To be filled out by the Chair of the Regents' Academic Advisory Committee (RAC)

This part of the form should be completed by the Regents' Academic Advisory Committee Chair after the course has been reviewed by the appropriate Regents' Academic Advisory Committee (RAC).

Upon completion of the form, please resave the form and send as an attachment to:  
[Barbara.Brown@usg.edu](mailto:Barbara.Brown@usg.edu)

**Please do not delete any pages of this document.**

**Course Prefix, Number, & Title:**

**Institution:**

1. Date the review by the Regents' Academic Advisory Committee (RAC) was completed:

2. Did the RAC approve this proposal?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

3. Please enter the RAC review in the box below. Comments should focus on the appropriateness of inclusion of the proposed course in the core curriculum, utilizing the criteria in the Academic and Student Affairs Handbook, sections [2.4.4](#) and [2.4.5](#). (See [beginning](#) of this form (before Part 1) for summary of criteria and links.)

Insert RAC review here. Box will expand as needed.

4. Please mark the areas of the Core Curriculum for which your committee has approved the changed or proposed course.

<input type="checkbox"/>	<b>Area A (English, Mathematics)</b>
<input type="checkbox"/>	<b>Area B (Institutional Options)</b>
<input type="checkbox"/>	<b>Area C (Humanities, Fine Arts, Ethics)</b>
<input type="checkbox"/>	<b>Area D (Natural Sciences, Mathematics, Technology)</b>
	If Area D, specify appropriate major(s):
<input type="checkbox"/>	math/science majors
<input type="checkbox"/>	health professions majors
<input type="checkbox"/>	non-math/science/health professions majors
<input type="checkbox"/>	<b>Area E (Social Sciences)</b>

#### Institution Course Prefix and Number

### Exceptions to the Prerequisite Rules

The Academic and Student Affairs Handbook, section [2.4.7](#) states that:

Courses in one Area (A-E) may be prerequisites for other courses in that area.

Except as noted below,

- No course in Area A-E may be a prerequisite for any course outside Areas A-E.
- No course in one Area (A-E) may be a prerequisite for any course in any other areas (A-E).

Institutions may apply for permission to specify that students in one or more of their degree programs are required to take particular courses within Areas A-E. Institutions may apply for up to 9 hours of such requirements. If permission is granted, these courses may be prerequisites for courses in Area F or in the major's degree requirements.

Applications for exceptions to the prerequisite rule will be considered first by the relevant **Regents Academic Advisory Committees** (the Advisory Committee for the degree program and the Advisory Committee for the course), then by the Administrative Committee on Academic Affairs (RACAA), and then by the Council on General Education. The Council on General Education will make a recommendation to the Executive Vice Chancellor and Chief Academic Officer of the USG.

Did the institution apply for an exception to the general prerequisite rules?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

If yes, did the advisory committee **approve** exceptions to the prerequisite rules?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

Please enter the RAC comments on the request for an exception to the prerequisite rules in the box below. Please clearly outline the programs that will be allowed to require particular courses within Areas A – E and the courses that may be required.

Insert text here. Box will expand as needed.

Please provide contact information for the Chair of the Regents' Academic Advisory Committee.

<b>Academic Committee:</b>	
<b>Chair name:</b>	
<b>Chair institution:</b>	
<b>Chair daytime phone number:</b>	
<b>Chair email Address:</b>	



#### Institution Course Prefix and Number

### Part 3. To be filled out by the Regents' Advisory Committee on Academic Affairs (RACAA), if needed.

Course Prefix, Number, & Title:

Institution:

The Academic and Student Affairs Handbook, section [2.4.7](#), **Prerequisites and Exceptions** states that:

Courses in one Area (A-E) may be prerequisites for other courses in that area.

Except as noted below,

- No course in Area A-E may be a prerequisite for any course outside Areas A-E.
- No course in one Area (A-E) may be a prerequisite for any course in any other areas (A-E).

Institutions may apply for permission to specify that students in one or more of their degree programs are required to take particular courses within Areas A-E. Institutions may apply for up to 9 hours of such requirements. If permission is granted, these courses may be prerequisites for courses in Area F or in the major's degree requirements.

Applications for exceptions to the prerequisite rule will be considered first by the relevant Regents Academic Advisory Committees (the Advisory Committee for the degree program and the Advisory Committee for the course), then by the **Administrative Committee on Academic Affairs (RACAA)**, and then by the Council on General Education. The Council on General Education will make a recommendation to the Executive Vice Chancellor and Chief Academic Officer of the USG.

1. Date the RACAA review was completed:

--

2. Did the institution apply for an exception to the general prerequisite rules?

	Yes
	No

3. If yes, did RACAA approve the exception to the prerequisite rules?

	Yes
	No

4. Please enter the RAC comments on the request for an exception to the prerequisite rules in the box below. Please clearly outline the programs that will be allowed to require particular courses within Areas A – E and the courses that may be required.

Insert text here. Box will expand as needed.
--

5. Please provide contact information for the **RACAA Chair**.

#### Institution Course Prefix and Number

<b>Chair name:</b>	
<b>Chair institution:</b>	
<b>Chair daytime phone number:</b>	
<b>Chair email Address:</b>	

#### Institution Course Prefix and Number

**Part 4. To be filled out by the System Liaison for the Council on General Education.**

<b>Course Prefix, Number, &amp; Title:</b>
<b>Institution:</b>

1. Date the review by the Council on General Education was conducted:

--

2. What action did the Council on General Education take with respect to this proposal?

<input type="checkbox"/>	Approved
<input type="checkbox"/>	Denied
<input type="checkbox"/>	Withdrawn
<input type="checkbox"/>	Tabled

3. Please enter any comments from the Council on General Education in the box below. Comments should focus on the appropriateness of inclusion of the proposed course in the core curriculum, utilizing the criteria in the Academic and Student Affairs Handbook. (See beginning of this form for summary of criteria and links.)

Insert text here. Box will expand as needed.
--

4. Please mark the areas of the Core Curriculum for which the Council on General Education has approved the changed or proposed course.

<input type="checkbox"/>	<b>Area A (English, Mathematics)</b>
<input type="checkbox"/>	<b>Area B (Institutional Options)</b>
<input type="checkbox"/>	<b>Area C (Humanities, Fine Arts, Ethics)</b>
<input type="checkbox"/>	<b>Area D (Natural Sciences, Mathematics, Technology)</b>
	If Area D, specify appropriate major(s):
<input type="checkbox"/>	math/science majors
<input type="checkbox"/>	health professions majors
<input type="checkbox"/>	non-math/science/health professions majors
<input type="checkbox"/>	<b>Area E (Social Sciences)</b>

5. Please provide contact information for the System Liaison to the Council on General Education.

<b>Liaison name:</b>	Barbara L. Brown
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**#### Institution Course Prefix and Number**

<b>Liaison daytime phone number:</b>	404-962-3107
<b>Liaison email Address:</b>	Barbara.Brown@usg.edu



# Valdosta State University Curriculum Form

• Request for a NEW COURSE

Date of Submission:

09/21/2023

*\*Course/curriculum change or addition originates with a faculty member or curriculum committee in the Academic Program.*

<b>College:</b>	College of Science and Mathematics	<b>Dept. Initiating Request:</b>	Chemistry and Geosciences
<b>Requestor's Name:</b>	Paul Vincent	<b>Requestor's Role:</b>	Faculty

<b>Proposed NEW Course Prefix:</b> <i>(Consult abbreviations in the catalog)</i>	GEOG	<b>NEW Course Number:</b> <i>(Consult #s in the catalog)</i>	1113L
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<b>Proposed NEW Course Title:</b>	Introduction to Landforms Lab
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<b>NEW Course Title Abbreviation:</b> <i>(Limit to 30 character spaces)</i>	Intro Landforms Lab
--	---------------------

<b>Prerequisite(s):</b>	Prerequisite or corequisite: GEOG 1113
-------------------------	--

<b>Lecture Hours:</b>	0	<b>Lab/Contact Hours:</b>	2	<b>Credit Hours:</b>	1
-----------------------	---	---------------------------	---	----------------------	---

**Proposed NEW Course Description:** *(Limit to 50 words. Include requisites, cross listings, special requirements, etc.)\**

Prerequisite or corequisite: GEOG 1113. A laboratory course to accompany GEOG 1113, with exercises on the geographic nature of landforms and the analysis of landforms using topographic maps.

Program Level:	Course Classification:	Semester to be Effective:	Year to be Effective:	Estimated Frequency of Course Offering:
<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	<input checked="" type="checkbox"/> Core (Area A-E) <input checked="" type="checkbox"/> Major Requirement <input type="checkbox"/> Elective	<input checked="" type="checkbox"/> Fall <input type="checkbox"/> Spring <input type="checkbox"/> Summer	2024	Every Semester

**Justification:** *(select one or more of the following and provide appropriate narrative below:)*

- |   |  |
|---|--|
| <input type="checkbox"/> Improving student learning outcomes        | <input type="checkbox"/> Mandate of State/Federal/Accrediting Agency |
| <input type="checkbox"/> Adopting current best practice(s) in field | <input checked="" type="checkbox"/> Other –                          |

Separating the lecture and lab will provide students more flexibility with the schedules because all labs will be open to all students despite the lecture instructor. In addition, students who pass lab but fail to pass the lecture will not have to retake the 4-credit hour course; likewise, students that pass the lecture but fail to pass the lab will not have to retake the 4-credit hour course.

**\*\* Attach General Course Syllabus/Support documents with course outcomes/assessments \*\***


**Source of Data to Support Change (select one or more of the following):**

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.  
 Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

**Plans for assessing course effectiveness/meeting program learning outcomes (select one or more of the following and provide appropriate narrative below):**

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.  
 Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)  
 Other Data Source Descriptions –

**\*\* Attach General Course Syllabus/Support documents with course outcomes/assessments \*\***

 <b>Valdosta State University – NEW COURSE Form</b> • Request for a NEW COURSE			
Approvals:	Print:	Signature:	Date:
Department Head	Kurt Winkelmann	<i>Kurt Winkelmann</i>	10-17-23
College/Division Executive Committee	Pierre-Richard Cornely	<i>Pierre-Richard Cornely</i>	10-18-23
Dean/Director	Pierre-Richard Cornely	<i>Pierre-Richard Cornely</i>	10-18-23
Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			
*Will this change impact another college/department?		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes [select college & indicate department(s)]	
College:	Select One.	Department(s):	

## #### Institution Course Prefix and Number

This form is updated periodically. Please be sure you are using the **latest** version of this form, which may be downloaded from:

[https://www.usg.edu/strategic\\_academic\\_initiatives/assets/strategic\\_academic\\_initiatives/committee\\_documents/InstitutionalCourseProposalForm.docx](https://www.usg.edu/strategic_academic_initiatives/assets/strategic_academic_initiatives/committee_documents/InstitutionalCourseProposalForm.docx) This form was last updated on 1/26/21.

# Core Curriculum Course Proposal Form – Areas A – E

**Proposing institutions and reviewing bodies should review the following before completing their sections of this form.**

Requests for courses to be added to Areas A-E:

- Is the course at the collegiate level?
- Is the course broadly focused?
- Is the discipline of the course appropriately specified?
- Does the numbering of the course reflect the appropriate level (freshman, sophomore . . .)?
- Do the course prefix, numbering, title, and description conform with the USG list of Common Course Prefixes, Numbers, Titles, and Descriptions? Academic and Student Affairs Handbook, Section 2.4.10  
([https://www.usg.edu/academic\\_affairs\\_handbook/section2/handbook/C738/#p2.4.10\\_common\\_course\\_prefixes\\_numbers\\_and\\_descriptions](https://www.usg.edu/academic_affairs_handbook/section2/handbook/C738/#p2.4.10_common_course_prefixes_numbers_and_descriptions))

Rules for inclusion in Areas A-E:

- See the Academic and Student Affairs Handbook, Section 2.4.4 Details Regarding Areas A-F  
([https://www.usg.edu/academic\\_affairs\\_handbook/section2/handbook/C738/#p2.4.4\\_details\\_regarding\\_areas\\_af](https://www.usg.edu/academic_affairs_handbook/section2/handbook/C738/#p2.4.4_details_regarding_areas_af))
- See the Academic and Student Affairs Handbook, Section 2.4.5 Rules Regarding Inclusion in Areas A-F  
([https://www.usg.edu/academic\\_affairs\\_handbook/section2/handbook/C738/#p2.4.5\\_rules\\_regarding\\_inclusion\\_in\\_areas\\_af](https://www.usg.edu/academic_affairs_handbook/section2/handbook/C738/#p2.4.5_rules_regarding_inclusion_in_areas_af))
- See the prerequisite rules in the Academic and Student Affairs Handbook, Section 2.4.7  
([https://www.usg.edu/academic\\_affairs\\_handbook/section2/handbook/C738/#p2.4.7\\_prerequisites\\_and\\_exceptions](https://www.usg.edu/academic_affairs_handbook/section2/handbook/C738/#p2.4.7_prerequisites_and_exceptions))

**Note:** The Board of Regents approved the principles for redesign of General Education in September 2019 ([https://www.usg.edu/redesigned\\_general\\_education/general\\_educational\\_design\\_principles](https://www.usg.edu/redesigned_general_education/general_educational_design_principles)). Due to the impact of COVID-19, these processes are currently on hold ([https://www.usg.edu/redesigned\\_general\\_education](https://www.usg.edu/redesigned_general_education)). The Council on General Education continues to consider proposals/changes under the existing policies ([https://www.usg.edu/policymanual/section3/C338/#p3.3.1\\_core\\_curriculum](https://www.usg.edu/policymanual/section3/C338/#p3.3.1_core_curriculum)) pending further action by the Board of Regents. Approval for the current core does not guarantee approval under the Redesigned General Education Curriculum. Institutions should take this information into account when proposing new courses or curriculum modifications.

There are 4 parts to this form:

- **Part 1** is to be filled out by the **Institution** proposing the course.
- **Part 2** is to be filled out by the Regents' Academic Advisory Committee (**RAC**) reviewing the course.
- **Part 3** is to be filled out by the Regents' Advisory Committee on Academic Affairs (**RACAA**), if needed.
- **Part 4** is to be filled out by the **Council on General Education**.

### Part 1. To be filled out by the institution proposing the course.

**Note:** This form and all ancillary information should be filled out in Word and saved as a single document using the following file-naming convention:

UniqueAbbreviationForYourCollegeCoursePrefixCourseNumber for example GCSUPSYC1101.docx

You will then fill out some very brief information and upload the entire document to the USG website at [https://www.usg.edu/strategic\\_academic\\_initiatives/committees/course\\_proposal\\_form](https://www.usg.edu/strategic_academic_initiatives/committees/course_proposal_form)

**Please do not delete any pages of this document.**

1. **Institution:**

2. **This is a proposal for** (mark one box below):

<input type="checkbox"/>	<b>Change in an already-approved course only, no change in Area.</b> Mark this box if you are making a change in a course that is already approved for Areas A-E at your institution. Provide information in the boxes below on the current course, the new course, and the rationale for the change.
	Course change information
	<b>From:</b>
	<b>To:</b>
	<b>Rationale:</b>
<input checked="" type="checkbox"/>	Placement of a course into Areas A-E of the Core Curriculum.

3. **Course Subject** (e.g., philosophy):

4. **Course Prefix and Number** (e.g., PSYC 1101):

5. **Course Title** as it appears (or will appear) in the catalog:

6. **Lecture Hours – Laboratory Hours\* – Credit Hours** (e.g., 3-0-3):

<input type="text" value="0"/>	<input type="text" value="2"/>	<input type="text" value="1"/>
--------------------------------	--------------------------------	--------------------------------

\* In determining credit hours, 2 – 3 laboratory hours are usually equivalent to one credit hour. So a course with a 2 hour lab would be 3-2-4; a course with a 3 hour lab would be 3-3-4.

7. **Provide a catalog description of the course** in the box below:



#### Institution Course Prefix and Number

Prerequisite or corequisite: GEOG 1113. A laboratory course to accompany GEOG 1113, with exercises on the geographic nature of landforms and the analysis of landforms using topographic maps.

**8. Course Prerequisites:**

**Learning Support Prerequisites or Corequisites:** Please select the most appropriate Learning Support prerequisite or corequisite statement. Check only one.

- |                                     |  |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | None   |
| <input type="checkbox"/>            | Corequisite: Learning Support English unless exempted.                                 |
| <input type="checkbox"/>            | Exit or exemption from Learning Support English.                                       |
| <input type="checkbox"/>            | Corequisite: Learning Support Mathematics unless exempted.                             |
| <input type="checkbox"/>            | Exit or exemption from Learning Support Mathematics.                                   |
| <input type="checkbox"/>            | Exit or exemption from both Learning Support English and Learning Support Mathematics. |
| <input type="checkbox"/>            | Other (explain):   |

**Collegiate Courses that will be Prerequisites and/or Corequisites for this course (enter "none" if not applicable):**

GEOG 1113

**9. Requests for Exceptions to the Prerequisite Rules**

The Academic and Student Affairs Handbook, section [2.4.7](#) states that:

Courses in one Area (A-E) may be prerequisites for other courses in that area.

Except as noted below,

- No course in Area A-E may be a prerequisite for any course outside Areas A-E.
- No course in one Area (A-E) may be a prerequisite for any course in any other areas (A-E).

Institutions may apply for permission to specify that students in one or more of their degree programs are required to take particular courses within Areas A-E. Applications will be considered first by the relevant Regents Academic Advisory Committees (the Advisory Committee for the degree program and the Advisory Committee for the course), then by the Administrative Committee on Academic Affairs (RACAA), and then by the Council on General Education.

**Are you requesting that students in a particular program or programs be required to take specific courses from electives within Areas A-E? (Courses that are required of all students at your institution do not count here.)**

<input type="checkbox"/>	Yes
<input checked="" type="checkbox"/>	No

If yes, which program or programs?

#### Institution Course Prefix and Number

Please review section [2.4.7](#) of the Academic and Student Affairs Handbook and provide a rationale in support of your request.

--

**10. Common Course Prefixes, Numbers, Titles, and Descriptions**

Does this course use a common course prefix and number as listed in the **Academic and Student Affairs Handbook, Section 2.4.10?** (Please review the list of common course prefixes, numbers, and descriptions at [https://www.usg.edu/academic\\_affairs\\_handbook/section2/C738/#p2.4.10](https://www.usg.edu/academic_affairs_handbook/section2/C738/#p2.4.10) common course prefixes numbers and descriptions).

x	Yes
	No

If you responded "no," is a common course prefix and number available for this course?

	Yes
	No

If you responded "no" that you are **not using a common course prefix and number** and "yes" that a **common course prefix and number are available for this course**, please explain in the space below why your institution does not want to use the common course prefix and number and why your institution selected the prefix and number indicated on this proposal.

--

**11. Course approval by institution**

List each step of the approval process at your institution and provide the **dates** on which your proposal was approved by each body or at each level. **By submitting this proposal you are affirming that this proposal has already received all appropriate approvals at your institution and that the proposal is being submitted with the knowledge and final approval of the Provost/VPAA at your institution, who should be listed on one of the lines below.**

Date	Level or approving body
10/5/2023	Department curriculum committee
	College of Science and Mathematics executive committee
	VSU Academic Committee

**12. Core Area(s) for Proposed Course**

#### Institution Course Prefix and Number

What Core Area(s) (A-E) is this course being proposed for?

D

If Area D (only) specify appropriate groups of majors	
	math/science majors
x	health professions majors
x	non-math/science/health professions majors

What is your institution's approved Learning Outcome for the area(s) of the proposed course?

VSU learning outcome for Area D: Students will demonstrate understanding of the physical universe and the nature of science, and they will use scientific methods and/or mathematical reasoning and concepts to solve problems.

BOR updated learning outcome for Area D: Students will use the scientific method and laboratory procedures or mathematical and computational methods to analyze data, solve problems, and explain natural phenomena

How will this course satisfy the Learning Outcome for this area?

In lab, students gain practical experience with the scientific method and experimental design. They use a variety of standard lab protocols and techniques including lab safety, taking measurements and calculations. In addition, the assignments and activities completed in the lab enable students to demonstrate their understanding of fundamental concepts of earth science, earth surface processes, landform identification, and landform analysis.

How will your institution assess whether students taking this course meet the approved Learning Outcome?

All courses in the Core Curriculum are required to submit reports that document student learning gains data and is reviewed bi-annually by the Valdosta State University Assessment Committee which, in turn provides feedback to the Department instructing that course.

How will this course fit into the General Education Core Curriculum at your institution?

The course that is being proposed is a modification to GEOG 1113K which is already part of the core in areas D.1 and D.2.b. This class is an option available to students from non-science majors.

### 13. Previous Versions of this Proposal

Have any proposals for this course previously been submitted by your institution to the Council on General Education?

	Yes
x	No

#### Institution Course Prefix and Number

If yes, please indicate the date or dates (for repeat submissions) as best you can.

[Empty yellow box for date entry]

What actions were taken on your previous submission(s)?

<input type="checkbox"/>	Approved
<input type="checkbox"/>	Denied
<input type="checkbox"/>	Withdrawn
<input type="checkbox"/>	Tabled

If a previous proposal was tabled or withdrawn, please explain.

[Empty yellow box for explanation]

How have you changed this proposal since the last time you submitted a proposal for this course?

[Empty yellow box for changes]

**14. Appropriate Academic Committee to Review this Proposal**

Please recommend the most appropriate Regents' Academic Advisory Committee (RAC) to review this proposal.

<input type="checkbox"/>	Anthropology	<input type="checkbox"/>	Foreign Languages
<input type="checkbox"/>	Arts and Sciences Deans	<input checked="" type="checkbox"/>	Geological Sciences and Geography
<input type="checkbox"/>	Biological Sciences	<input type="checkbox"/>	Georgia Film Academy Film Production
<input type="checkbox"/>	Business Administration, Management, & Economics	<input type="checkbox"/>	History
<input type="checkbox"/>	Chemistry	<input type="checkbox"/>	Humanities
<input type="checkbox"/>	Communication	<input type="checkbox"/>	Kinesiology
<input type="checkbox"/>	Computing Disciplines	<input type="checkbox"/>	Mathematical Subjects
<input type="checkbox"/>	Criminal Justice	<input type="checkbox"/>	Nursing
<input type="checkbox"/>	Data Science	<input type="checkbox"/>	Philosophy & Religion
<input type="checkbox"/>	Educator Preparation	<input type="checkbox"/>	Physics & Astronomy
<input type="checkbox"/>	English	<input type="checkbox"/>	Political Science
<input type="checkbox"/>	Environmental Science	<input type="checkbox"/>	Psychology
<input type="checkbox"/>	Family and Consumer Services	<input type="checkbox"/>	Social Work

#### Institution Course Prefix and Number

Fine and Applied Arts

Sociology

**15. Please provide the following contact information for the person submitting the proposal. This should be either the Provost/VPAA or someone designated by the Provost/VPAA:**

<b>Name of Person Submitting Proposal:</b>	Dr. Sharon L Gravett
<b>Email Address:</b>	sgravett@valdosta.edu
<b>Phone Number:</b>	229.333.5993
<b>Mailing Address:</b>	Academic Affairs, 1500 N. Patterson St, Valdosta GA 31602

Please fill in the **Course Description Template** below. This should be generic information that will apply to ALL sections of the course to be taught at your institution, not just to courses taught by a particular instructor. Please do not attach a complete syllabus.

**Course Learning Outcomes**

Provide a bulleted list of the course learning outcomes.

- Understand the way maps and globes represent the Earth;
- Use topographic maps to analyze and identify landforms;
- Explain the structure and composition of the Earth;
- Understand the different types of Earth surface processes;
- Describe the ways those processes shape the Earth's surface;
- Identify different types of landforms on the Earth's surface.

**Course Content**

Provide a topical outline demonstrating the breadth and depth of the course. Please be as comprehensive as possible within the limits of an outline.

Content of the lab includes:

- Using latitude and longitude
- Reading topographic maps
- Creating topographic profiles
- Rock and mineral identification
- Landforms associated with faults
- Volcanic landforms
- Fluvial landforms
- Karst landforms
- Eolian landforms
- Coastal landforms
- Glacial landforms

**Assessment Strategies**

**#### Institution Course Prefix and Number**

**How will your institution assess whether students taking this course meet the approved Learning Outcome?**

**Direct Assessment (Student Artifacts Assessed by Rubric, Collegiate Learning Assessment, etc. Please explain how you plan to use direct methods to assess achievement of your approved Learning Outcome.)**

**Scoring of lab assignments and lab quizzes.**

**Indirect Assessment (Surveys, Exit Interviews, Focus Groups, etc. Please explain how you plan to use indirect assessment methods to assess achievement of your approved Learning Outcome.)**

**Other (Please explain how you plan to use other methods to assess achievement of your approved Learning Outcome.)**

**Instructional Strategies**

**Provide a list of the instructional strategies that will be used to achieve course learning outcomes, such as lecture or non-traditional methods such as online classes or the use of experiential instruction.**

**Lab instruction will include lectures, demonstrations, and hands-on assignments with topographic maps and globes.**

**Potential Textbooks**

**Provide examples of possible textbooks for the course.**

- **Physical Geography Lab manual 13<sup>th</sup> edition (2021), by Darrell Hess.**
- **Applied Physical Geography: Geosystems in the Laboratory 10<sup>th</sup> edition (2017) by Charles Thomsen and Robert Christopherson**

#### Institution Course Prefix and Number

## Part 2. To be filled out by the Chair of the Regents' Academic Advisory Committee (RAC)

This part of the form should be completed by the Regents' Academic Advisory Committee Chair after the course has been reviewed by the appropriate Regents' Academic Advisory Committee (RAC).

Upon completion of the form, please resave the form and send as an attachment to:  
[Barbara.Brown@usq.edu](mailto:Barbara.Brown@usq.edu)

**Please do not delete any pages of this document.**

**Course Prefix, Number, & Title:**

**Institution:**

1. Date the review by the Regents' Academic Advisory Committee (RAC) was completed:

2. Did the RAC approve this proposal?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

3. Please enter the RAC review in the box below. Comments should focus on the appropriateness of inclusion of the proposed course in the core curriculum, utilizing the criteria in the Academic and Student Affairs Handbook, sections [2.4.4](#) and [2.4.5](#). (See [beginning](#) of this form (before Part 1) for summary of criteria and links.)

Insert RAC review here. Box will expand as needed.

4. Please mark the areas of the Core Curriculum for which your committee has approved the changed or proposed course.

<input type="checkbox"/>	<b>Area A (English, Mathematics)</b>
<input type="checkbox"/>	<b>Area B (Institutional Options)</b>
<input type="checkbox"/>	<b>Area C (Humanities, Fine Arts, Ethics)</b>
<input type="checkbox"/>	<b>Area D (Natural Sciences, Mathematics, Technology)</b>
	If Area D, specify appropriate major(s):
<input type="checkbox"/>	math/science majors
<input type="checkbox"/>	health professions majors
<input type="checkbox"/>	non-math/science/health professions majors
<input type="checkbox"/>	<b>Area E (Social Sciences)</b>

#### Institution Course Prefix and Number

### Exceptions to the Prerequisite Rules

The Academic and Student Affairs Handbook, section [2.4.7](#) states that:

Courses in one Area (A-E) may be prerequisites for other courses in that area.

Except as noted below,

- No course in Area A-E may be a prerequisite for any course outside Areas A-E.
- No course in one Area (A-E) may be a prerequisite for any course in any other areas (A-E).

Institutions may apply for permission to specify that students in one or more of their degree programs are required to take particular courses within Areas A-E. Institutions may apply for up to 9 hours of such requirements. If permission is granted, these courses may be prerequisites for courses in Area F or in the major's degree requirements.

Applications for exceptions to the prerequisite rule will be considered first by the relevant **Regents Academic Advisory Committees** (the Advisory Committee for the degree program and the Advisory Committee for the course), then by the Administrative Committee on Academic Affairs (RACAA), and then by the Council on General Education. The Council on General Education will make a recommendation to the Executive Vice Chancellor and Chief Academic Officer of the USG.

Did the institution apply for an exception to the general prerequisite rules?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

If yes, did the advisory committee **approve** exceptions to the prerequisite rules?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

Please enter the RAC comments on the request for an exception to the prerequisite rules in the box below. Please clearly outline the programs that will be allowed to require particular courses within Areas A – E and the courses that may be required.

Insert text here. Box will expand as needed.

Please provide contact information for the Chair of the Regents' Academic Advisory Committee.

<b>Academic Committee:</b>	
<b>Chair name:</b>	
<b>Chair institution:</b>	
<b>Chair daytime phone number:</b>	
<b>Chair email Address:</b>	



#### Institution Course Prefix and Number

### Part 3. To be filled out by the Regents' Advisory Committee on Academic Affairs (RACAA), if needed.

Course Prefix, Number, & Title:

Institution:

The Academic and Student Affairs Handbook, section [2.4.7](#), **Prerequisites and Exceptions** states that:

Courses in one Area (A-E) may be prerequisites for other courses in that area.

Except as noted below,

- No course in Area A-E may be a prerequisite for any course outside Areas A-E.
- No course in one Area (A-E) may be a prerequisite for any course in any other areas (A-E).

Institutions may apply for permission to specify that students in one or more of their degree programs are required to take particular courses within Areas A-E. Institutions may apply for up to 9 hours of such requirements. If permission is granted, these courses may be prerequisites for courses in Area F or in the major's degree requirements.

Applications for exceptions to the prerequisite rule will be considered first by the relevant Regents Academic Advisory Committees (the Advisory Committee for the degree program and the Advisory Committee for the course), then by the **Administrative Committee on Academic Affairs (RACAA)**, and then by the Council on General Education. The Council on General Education will make a recommendation to the Executive Vice Chancellor and Chief Academic Officer of the USG.

1. Date the RACAA review was completed:

--

2. Did the institution apply for an exception to the general prerequisite rules?

	Yes
	No

3. If yes, did RACAA **approve** the exception to the prerequisite rules?

	Yes
	No

4. Please enter the RAC comments on the request for an exception to the prerequisite rules in the box below. Please clearly outline the programs that will be allowed to require particular courses within Areas A – E and the courses that may be required.

Insert text here. Box will expand as needed.

5. Please provide contact information for the **RACAA Chair**.

### Institution Course Prefix and Number

<b>Chair name:</b>	
<b>Chair institution:</b>	
<b>Chair daytime phone number:</b>	
<b>Chair email Address:</b>	

### Institution Course Prefix and Number

### Part 4. To be filled out by the System Liaison for the Council on General Education.

**Course Prefix, Number, & Title:**

**Institution:**

1. Date the review by the Council on General Education was conducted:

2. What action did the Council on General Education take with respect to this proposal?

<input type="checkbox"/>	Approved
<input type="checkbox"/>	Denied
<input type="checkbox"/>	Withdrawn
<input type="checkbox"/>	Tabled

3. Please enter any comments from the Council on General Education in the box below. Comments should focus on the appropriateness of inclusion of the proposed course in the core curriculum, utilizing the criteria in the Academic and Student Affairs Handbook. (See beginning of this form for summary of criteria and links.)

Insert text here. Box will expand as needed.

4. Please mark the areas of the Core Curriculum for which the Council on General Education has approved the changed or proposed course.

<input type="checkbox"/>	<b>Area A (English, Mathematics)</b>
<input type="checkbox"/>	<b>Area B (Institutional Options)</b>
<input type="checkbox"/>	<b>Area C (Humanities, Fine Arts, Ethics)</b>
<input type="checkbox"/>	<b>Area D (Natural Sciences, Mathematics, Technology)</b>
	If Area D, specify appropriate major(s):
<input type="checkbox"/>	math/science majors
<input type="checkbox"/>	health professions majors
<input type="checkbox"/>	non-math/science/health professions majors
<input type="checkbox"/>	<b>Area E (Social Sciences)</b>

5. Please provide contact information for the System Liaison to the Council on General Education.

**Liaison name:**

Barbara L. Brown

**### Institution Course Prefix and Number**

<b>Liaison daytime phone number:</b>	<b>404-962-3107</b>
<b>Liaison email Address:</b>	<b>Barbara.Brown@usg.edu</b>



**Valdosta State University  
Curriculum Form**

• CURRICULUM CHANGE OR REVISED CATALOG COPY

Date of Submission: 09/21/2023

\*Course/curriculum change or addition originates with a faculty member or curriculum committee in the Academic Program.

<b>College:</b>	College of Science and Mathematics	<b>Dept. Initiating Request:</b>	Chemistry and Geosciences
<b>Requestor's Name:</b>	Paul Vincent	<b>Requestor's Role:</b>	Faculty

<b>Check One Option:</b>	<input checked="" type="checkbox"/> Curriculum Change (Changes to Program/Degree)	<input type="checkbox"/> Revised Catalog Copy (New Learning Outcomes, Admissions/Program Policies, Narrative, etc.)
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<b>Program Level:</b>	<b>Course Classification:</b>	<b>Semester to be Effective:</b>	<b>Year to be Effective:</b>
<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	<input checked="" type="checkbox"/> Core (Area A-E) <input checked="" type="checkbox"/> Major Requirement <input checked="" type="checkbox"/> Elective	<input checked="" type="checkbox"/> Fall <input type="checkbox"/> Spring <input type="checkbox"/> Summer	2024

<b>Degree/Program Name:</b>	Geospatial Technology and Urban Planning Track
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<b>Current Catalog URL:</b>	This is a new track.
-----------------------------	----------------------

<b>Present Requirements:</b>	<b>Proposed Requirements: <i>(hover over for instructions)</i></b>																											
	<p><a href="#">Requirements for the Bachelor of Science Degree with a Major in Environmental Geosciences—Geospatial Technology and Urban Planning Track</a></p> <table border="1"> <thead> <tr> <th><a href="#">Code</a></th> <th><a href="#">Title</a></th> <th><a href="#">Hours</a></th> </tr> </thead> <tbody> <tr> <td colspan="2"><a href="#">Core Curriculum</a></td> <td><a href="#">60</a></td> </tr> <tr> <td colspan="2"><a href="#">Core Curriculum Areas A-E (See VSU Core Curriculum)</a></td> <td><a href="#">42</a></td> </tr> <tr> <td colspan="3"> <a href="#">Environmental Geosciences majors are required to take MATH 1113 in Area A and MATH 2261 in Area D2. Environmental Geosciences majors are advised to take 3 hours of a Foreign Language in Area C. They are advised to take BIOL 1107, BIOL 1107L, CHEM 1211 and CHEM 1211L in Area D2. They are advised to take GEOG 1100, GEOG 1101, or GEOG 1102 in Area E.</a> </td> </tr> <tr> <td colspan="3"> <a href="#">Core Curriculum Area F – Geospatial Technology and Urban Planning Track (see Notes 1 and 2 below)</a> </td> </tr> <tr> <td><a href="#">GEOG 1112K</a></td> <td><a href="#">Introduction to Weather and Climate</a></td> <td><a href="#">4</a></td> </tr> <tr> <td><a href="#">GEOG 1113K</a></td> <td><a href="#">Introduction to Land Forms</a></td> <td><a href="#">4</a></td> </tr> <tr> <td><a href="#">GEOG 2010</a></td> <td><a href="#">Tools of Environmental Geoscience</a></td> <td><a href="#">3</a></td> </tr> <tr> <td><a href="#">BIOL 1107 &amp; 1107L</a></td> <td><a href="#">Principles of Biology I and Principles of Biology Laboratory I (if not taken in Area D2)</a></td> <td><a href="#">4</a></td> </tr> </tbody> </table>	<a href="#">Code</a>	<a href="#">Title</a>	<a href="#">Hours</a>	<a href="#">Core Curriculum</a>		<a href="#">60</a>	<a href="#">Core Curriculum Areas A-E (See VSU Core Curriculum)</a>		<a href="#">42</a>	<a href="#">Environmental Geosciences majors are required to take MATH 1113 in Area A and MATH 2261 in Area D2. Environmental Geosciences majors are advised to take 3 hours of a Foreign Language in Area C. They are advised to take BIOL 1107, BIOL 1107L, CHEM 1211 and CHEM 1211L in Area D2. They are advised to take GEOG 1100, GEOG 1101, or GEOG 1102 in Area E.</a>			<a href="#">Core Curriculum Area F – Geospatial Technology and Urban Planning Track (see Notes 1 and 2 below)</a>			<a href="#">GEOG 1112K</a>	<a href="#">Introduction to Weather and Climate</a>	<a href="#">4</a>	<a href="#">GEOG 1113K</a>	<a href="#">Introduction to Land Forms</a>	<a href="#">4</a>	<a href="#">GEOG 2010</a>	<a href="#">Tools of Environmental Geoscience</a>	<a href="#">3</a>	<a href="#">BIOL 1107 &amp; 1107L</a>	<a href="#">Principles of Biology I and Principles of Biology Laboratory I (if not taken in Area D2)</a>	<a href="#">4</a>
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<u>CHEM 1211 &amp; 1211L</u>	<u>Principles of Chemistry I and Principles of Chemistry Laboratory I (if not taken in Area D2)</u>	<u>4</u>
<u>PHSC 1100</u>	<u>Universe of Energy</u>	<u>3</u>
<u>MATH 1401</u>	<u>Elementary Statistics</u>	<u>3</u>
<u>MATH 2261</u>	<u>Analytic Geometry and Calculus I (1 hour left over from Area D)</u>	<u>1</u>

Senior College Curriculum Geospatial Technology and Urban Planning Track 60  
Required upper-level courses 25

<u>GEOG 3050</u>	<u>Computer Cartography and Image Analysis</u>	<u>3</u>
<u>GEOG 3052</u>	<u>Advanced Geographic Information Systems</u>	<u>3</u>
<u>GEOG 3100</u>	<u>Regional Planning and Environmental Management</u>	<u>3</u>
<u>GEOG 3210</u>	<u>Introduction to Hydrology</u>	<u>4</u>
<u>GEOG 4860</u>	<u>Geosciences Senior Seminar</u>	<u>1</u>
<u>GEOG 4861</u>	<u>Senior Thesis</u>	<u>3</u>
<u>GEOG 4862</u>	<u>Thesis Presentation</u>	<u>2</u>

Choose two of the following 6

<u>GEOG 3053</u>	<u>Application Issues in Geographic Information Systems</u>	<u>3</u>
<u>GEOG 3510</u>	<u>Urban Community Planning</u>	<u>3</u>
<u>GEOG 4900</u>	<u>Special Topics Remote Sensing of the Environment</u>	<u>3</u>

Upper-level electives in a single discipline outside of GEOG 6  
Additional Geoscience electives above 3000 8

Other Supporting Courses 21

<u>GEOL 1121K</u>	<u>Introduction to Physical Geology</u>	<u>4</u>
<u>GEOG 1125</u>	<u>Resources, Society, and Environment</u>	<u>3</u>
<u>GEOG 2011</u>	<u>Introduction to Geographic Information Science</u>	<u>3</u>
<u>Modern Foreign Language (3 hours may be taken in Area C)</u>		<u>3-6</u>

Other Guided Electives (includes hours which carry over from Area F) 5-8

Total hours required for the degree 120

Note 1: All core classes with prefixes GEOG or GEOL must be completed with a grade of "C" or better.

Note 2: Hours in excess of 18 will carry over to the senior curriculum.

**Justification:** (select one or more of the following and provide appropriate narrative below:)

- Improving student learning outcomes
  Mandate of State/Federal/Accrediting Agency  
 Adopting current best practice(s) in field
  Other –


As evidence of human impacts on the environment increase, the Geospatial technologies and planning methods for the best utilization of habitable spaces have emerged as an important field of study in the earth sciences. This new track is being proposed as a way to prepare students for careers related to technologies used to study the Earth and ways to implement those technologies to plan for urban and regional developments. Upon completing this degree, students will be prepared for work in industry, the public sector, or enter related graduate programs.

**Source of Data to Support Change** (select one or more of the following):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.  
 Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

**Plans for assessing course effectiveness/meeting program learning outcomes**  
(select one or more of the following and provide appropriate narrative below):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.  
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 Other Data Source Descriptions –

 <b>Valdosta State University – Curriculum Change or Revised Catalog Copy Form</b> • CURRICULUM CHANGE or REVISED CATALOG COPY			
Approvals:	Print:	Signature:	Date:
Department Head	Kurt Winkelmann	<i>Kurt Winkelmann</i>	10-17-23
College/Division Executive Committee	Pierre-Richard Cornely	<i>Pierre-Richard Cornely</i>	10-18-23
Dean/Director	Pierre-Richard Cornely	<i>Pierre-Richard Cornely</i>	10-18-23
Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			
*Will this change impact another college/department?		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes [select college & indicate department(s)]	

<b>College:</b>	<i>Select One.</i>	<b>Department(s):</b>	
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# Valdosta State University

## Curriculum Form

- CURRICULUM CHANGE OR REVISED CATALOG COPY

Date of Submission: 09/21/2023

*\*Course/curriculum change or addition originates with a faculty member or curriculum committee in the Academic Program.*

College:	College of Science and Mathematics	Dept. Initiating Request:	Chemistry and Geosciences
Requestor's Name:	Paul Vincent	Requestor's Role:	Faculty

Check One Option:	<input checked="" type="checkbox"/> Curriculum Change <i>(Changes to Program/Degree)</i>	<input type="checkbox"/> Revised Catalog Copy <i>(New Learning Outcomes, Admissions/Program Policies, Narrative, etc.)</i>
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Program Level:	Course Classification:	Semester to be Effective:	Year to be Effective:
<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	<input checked="" type="checkbox"/> Core (Area A-E) <input checked="" type="checkbox"/> Major Requirement <input checked="" type="checkbox"/> Elective	<input checked="" type="checkbox"/> Fall <input type="checkbox"/> Spring <input type="checkbox"/> Summer	2024

Degree/Program Name:	Natural Hazards Management Track
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Current Catalog URL:	This is a new track.
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Present Requirements:	Proposed Requirements: <a href="#"><i>(hover over for instructions)</i></a>																											
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<u>MATH 1401</u>	<u>Elementary Statistics</u>	<u>3</u>	
<u>MATH 2261</u>	<u>Analytic Geometry and Calculus I (1 hour left over from Area D)</u>	<u>1</u>	
<u>Senior College Curriculum Natural Hazards Management Track</u>			<u>60</u>
<u>Required upper-level courses</u>			<u>25</u>
<u>GEOG 3020</u>	<u>Global Climate Change</u>	<u>3</u>	
<u>GEOL 3010</u>	<u>Environmental Geology</u>	<u>3</u>	
<u>GEOG 3052</u>	<u>Advanced Geographic Information Systems</u>	<u>3</u>	
<u>GEOG 3210</u>	<u>Introduction to Hydrology</u>	<u>4</u>	
<u>GEOG 4900</u>	<u>Special Topics in Natural Hazards Management</u>	<u>3</u>	
<u>GEOG 4860</u>	<u>Geosciences Senior Seminar</u>	<u>1</u>	
<u>GEOG 4861</u>	<u>Senior Thesis</u>	<u>3</u>	
<u>GEOG 4862</u>	<u>Thesis Presentation</u>	<u>2</u>	
<u>Choose one of the following</u>			<u>3</u>
<u>GEOG 3100</u>	<u>Regional Planning and Environmental Management</u>	<u>3</u>	
<u>GEOG 3510</u>	<u>Urban Community Planning</u>	<u>3</u>	
<u>Upper-level electives in a single discipline outside of GEOG</u>			<u>6</u>
<u>Additional Geoscience electives above 3000</u>			<u>8</u>
<u>Other Supporting Courses</u>			<u>21</u>
<u>GEOL 1121K</u>	<u>Introduction to Physical Geology</u>	<u>4</u>	
<u>GEOG 1110</u>	<u>Our Hazardous Environment</u>	<u>3</u>	
<u>GEOG 2011</u>	<u>Introduction to Geographic Information Science</u>	<u>3</u>	
<u>Modern Foreign Language (3 hours may be taken in Area C)</u>			<u>3-6</u>
<u>Other Guided Electives (includes hours which carry over from Area F)</u>			<u>5-8</u>
<u>Total hours required for the degree</u>			<u>120</u>

Note 1: All core classes with prefixes GEOG or GEOL must be completed with a grade of "C" or better.

Note 2: Hours in excess of 18 will carry over to the senior curriculum.

**Justification:** (select one or more of the following and provide appropriate narrative below:)

- Improving student learning outcomes
  Mandate of State/Federal/Accrediting Agency  
 Adopting current best practice(s) in field
  Other –

As evidence of human impacts on the environment increase, the managing the human response to natural hazards has emerged as an important field of study in the earth sciences. This new track is being proposed as a way to prepare students for careers in which they would work with local, state, and federal agencies to plan for and respond to natural hazards. Upon completing this degree, students will be prepared for work in industry, the public sector, or enter related graduate programs.

**Source of Data to Support Change** (select one or more of the following):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.  
 Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

**Plans for assessing course effectiveness/meeting program learning outcomes**  
 (select one or more of the following and provide appropriate narrative below):

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**Valdosta State University – Curriculum Change or Revised Catalog Copy Form**

• CURRICULUM CHANGE OR REVISED CATALOG COPY

Approvals:	Print:	Signature:	Date:
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Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			

\*Will this change impact another college/department?  No  Yes [select college & indicate department(s)]

<b>College:</b>	<i>Select One.</i>	<b>Department(s):</b>	
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# Valdosta State University

## Curriculum Form

- CURRICULUM CHANGE OR REVISED CATALOG COPY

Date of Submission: 09/21/2023

\*Course/curriculum change or addition originates with a faculty member or curriculum committee in the Academic Program.

<b>College:</b>	College of Science and Mathematics	<b>Dept. Initiating Request:</b>	Chemistry and Geosciences
<b>Requestor's Name:</b>	Paul Vincent	<b>Requestor's Role:</b>	Faculty

<b>Check One Option:</b>	<input checked="" type="checkbox"/> Curriculum Change <i>(Changes to Program/Degree)</i>	<input type="checkbox"/> Revised Catalog Copy <i>(New Learning Outcomes, Admissions/Program Policies, Narrative, etc.)</i>
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<b>Program Level:</b>	<b>Course Classification:</b>	<b>Semester to be Effective:</b>	<b>Year to be Effective:</b>
<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	<input checked="" type="checkbox"/> Core (Area A-E) <input checked="" type="checkbox"/> Major Requirement <input checked="" type="checkbox"/> Elective	<input checked="" type="checkbox"/> Fall <input type="checkbox"/> Spring <input type="checkbox"/> Summer	2024

**Degree/Program Name:** Environmental and Climate Sciences Track

**Current Catalog URL:** This is a new track.

**Present Requirements:**      **Proposed Requirements:** *(hover over for instructions)*

	<p><a href="#">Requirements for the Bachelor of Science Degree with a Major in Environmental Geosciences—Environmental and Climate Sciences Track</a></p> <table border="1"> <thead> <tr> <th><a href="#">Code</a></th> <th><a href="#">Title</a></th> <th><a href="#">Hours</a></th> </tr> </thead> <tbody> <tr> <td colspan="2"><a href="#">Core Curriculum</a></td> <td><a href="#">60</a></td> </tr> <tr> <td colspan="2"><a href="#">Core Curriculum Areas A-E (See VSU Core Curriculum)</a></td> <td><a href="#">42</a></td> </tr> <tr> <td colspan="3"> <a href="#">Environmental Geosciences majors are required to take MATH 1113 in Area A and MATH 2261 in Area D2. Environmental Geosciences majors are advised to take 3 hours of a Foreign Language in Area C. They are advised to take BIOL 1107, BIOL 1107L, CHEM 1211 and CHEM 1211L in Area D2. They are advised to take GEOG 1100, GEOG 1101, or GEOG 1102 in Area E.</a> </td> </tr> <tr> <td colspan="3"> <a href="#">Core Curriculum Area F – Environmental and Climate Sciences Track (see Notes 1 and 2 below)</a> </td> </tr> <tr> <td><a href="#">GEOG 1112K</a></td> <td><a href="#">Introduction to Weather and Climate</a></td> <td><a href="#">4</a></td> </tr> <tr> <td><a href="#">GEOG 1113K</a></td> <td><a href="#">Introduction to Land Forms</a></td> <td><a href="#">4</a></td> </tr> <tr> <td><a href="#">GEOG 2010</a></td> <td><a href="#">Tools of Environmental Geoscience</a></td> <td><a href="#">3</a></td> </tr> <tr> <td><a href="#">BIOL 1107 &amp; 1107L</a></td> <td><a href="#">Principles of Biology I and Principles of Biology Laboratory I (if not taken in Area D2)</a></td> <td><a href="#">4</a></td> </tr> <tr> <td><a href="#">CHEM 1211 &amp; 1211L</a></td> <td><a href="#">Principles of Chemistry I and Principles of Chemistry Laboratory I (if not taken in Area D2)</a></td> <td><a href="#">4</a></td> </tr> </tbody> </table>	<a href="#">Code</a>	<a href="#">Title</a>	<a href="#">Hours</a>	<a href="#">Core Curriculum</a>		<a href="#">60</a>	<a href="#">Core Curriculum Areas A-E (See VSU Core Curriculum)</a>		<a href="#">42</a>	<a href="#">Environmental Geosciences majors are required to take MATH 1113 in Area A and MATH 2261 in Area D2. Environmental Geosciences majors are advised to take 3 hours of a Foreign Language in Area C. They are advised to take BIOL 1107, BIOL 1107L, CHEM 1211 and CHEM 1211L in Area D2. They are advised to take GEOG 1100, GEOG 1101, or GEOG 1102 in Area E.</a>			<a href="#">Core Curriculum Area F – Environmental and Climate Sciences Track (see Notes 1 and 2 below)</a>			<a href="#">GEOG 1112K</a>	<a href="#">Introduction to Weather and Climate</a>	<a href="#">4</a>	<a href="#">GEOG 1113K</a>	<a href="#">Introduction to Land Forms</a>	<a href="#">4</a>	<a href="#">GEOG 2010</a>	<a href="#">Tools of Environmental Geoscience</a>	<a href="#">3</a>	<a href="#">BIOL 1107 &amp; 1107L</a>	<a href="#">Principles of Biology I and Principles of Biology Laboratory I (if not taken in Area D2)</a>	<a href="#">4</a>	<a href="#">CHEM 1211 &amp; 1211L</a>	<a href="#">Principles of Chemistry I and Principles of Chemistry Laboratory I (if not taken in Area D2)</a>	<a href="#">4</a>
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<u>PHSC 1100</u>	<u>The Universe of Energy</u>	<u>3</u>	
<u>MATH 1401</u>	<u>Elementary Statistics</u>	<u>3</u>	
<u>MATH 2261</u>	<u>Analytic Geometry and Calculus I (1 hour left over from Area D)</u>	<u>1</u>	
<u>Senior College Curriculum Environmental and Climate Sciences Track</u>			<u>60</u>
<u>Required upper-level courses</u>			<u>25</u>
<u>GEOG 3020</u>	<u>Global Climate Change</u>	<u>3</u>	
<u>GEOG 3050</u>	<u>Computer Cartography and Image Analysis</u>	<u>3</u>	
<u>GEOG 3052</u>	<u>Advanced Geographic Information Systems</u>	<u>3</u>	
<u>GEOG 3210</u>	<u>Introduction to Hydrology</u>	<u>4</u>	
<u>GEOG 4900</u>	<u>Special Topics of Human Environmental Impact Analysis</u>	<u>3</u>	
<u>GEOG 4900</u>	<u>Special Topics of Paleoclimatology</u>	<u>3</u>	
<u>GEOG 4860</u>	<u>Geosciences Senior Seminar</u>	<u>1</u>	
<u>GEOG 4861</u>	<u>Senior Thesis</u>	<u>3</u>	
<u>GEOG 4862</u>	<u>Thesis Presentation</u>	<u>2</u>	
<u>Upper-level electives in a single discipline outside of GEOG</u>			<u>6</u>
<u>Additional Geoscience electives above 3000</u>			<u>8</u>
<u>Other Supporting Courses</u>			<u>21</u>
<u>GEOL 1121K</u>	<u>Introduction to Physical Geology</u>	<u>4</u>	
<u>GEOG 1120</u>	<u>Introductory Oceanography</u>	<u>3</u>	
<u>GEOG 2011</u>	<u>Introduction to Geographic Information Science</u>	<u>3</u>	
<u>Modern Foreign Language (3 hours may be taken in Area C)</u>			<u>3-6</u>
<u>Other Guided Electives (includes hours which carry over from Area F)</u>			<u>5-8</u>
<u>Total hours required for the degree</u>			<u>120</u>
<u>Note 1: All core classes with prefixes GEOG or GEOL must be completed with a grade of "C" or better.</u>			
<u>Note 2: Hours in excess of 18 will carry over to the senior curriculum.</u>			

**Justification:** (select one or more of the following and provide appropriate narrative below:)

- |  |  |
|--|--|
| <input type="checkbox"/> Improving student learning outcomes                   | <input type="checkbox"/> Mandate of State/Federal/Accrediting Agency |
| <input checked="" type="checkbox"/> Adopting current best practice(s) in field | <input checked="" type="checkbox"/> Other –                          |

60





As evidence of human impacts on the environment increase, the Environmental and Climate Sciences have emerged as an important field of study in the earth sciences. This new track is being proposed as a way to prepare students for careers related to environmental management, climate science and reducing human impacts on the environment. Upon completing this degree, students will be prepared for work in industry, the public sector, or enter related graduate programs.

Source of Data to Support Change (select one or more of the following):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.
- Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

Plans for assessing course effectiveness/meeting program learning outcomes (select one or more of the following and provide appropriate narrative below):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.
- Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)
- Other Data Source Descriptions –

 <b>Valdosta State University – Curriculum Change or Revised Catalog Copy Form</b> • CURRICULUM CHANGE OR REVISED CATALOG COPY			
Approvals:	Print:	Signature:	Date:
Department Head	Kurt Winkelmann		10-17-23
College/Division Executive Committee	Pierre-Richard Cornely		10-18-23
Dean/Director	Pierre-Richard Cornely		10-18-23
Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			
*Will this change impact another college/department?		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes [select college & indicate department(s)]	
College:	Select One.	Department(s):	



**Valdosta State University  
Curriculum Form**

• **CURRICULUM CHANGE OR REVISED CATALOG COPY**

**Date of Submission:** 09/21/2023

*\*Course/curriculum change or addition originates with a faculty member or curriculum committee in the Academic Program.*

<b>College:</b>	College of Science and Mathematics	<b>Dept. Initiating Request:</b>	Chemistry and Geosciences
<b>Requestor's Name:</b>	Paul Vincent	<b>Requestor's Role:</b>	Faculty
<b>Check One Option:</b>	<input checked="" type="checkbox"/> Curriculum Change <i>(Changes to Program/Degree)</i>	<input type="checkbox"/> Revised Catalog Copy <i>(New Learning Outcomes, Admissions/Program Policies, Narrative, etc.)</i>	
<b>Program Level:</b>	<b>Course Classification:</b>	<b>Semester to be Effective:</b>	<b>Year to be Effective:</b>
<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	<input checked="" type="checkbox"/> Core (Area A-E) <input checked="" type="checkbox"/> Major Requirement <input checked="" type="checkbox"/> Elective	<input checked="" type="checkbox"/> Fall <input type="checkbox"/> Spring <input type="checkbox"/> Summer	2024
<b>Degree/Program Name:</b>	Certificate of Geographic Information Systems		
<b>Current Catalog URL:</b>	This is a new certificate program.		

<b>Present Requirements:</b>	<b>Proposed Requirements:</b> <i>(hover over for instructions)</i>																											
	<p><a href="#">Requirements for the Certificate of Geographic Information Systems and Planning</a></p> <table border="1"> <thead> <tr> <th><a href="#">Code</a></th> <th><a href="#">Title</a></th> <th><a href="#">Hours</a></th> </tr> </thead> <tbody> <tr> <td colspan="3"><a href="#">Required courses</a></td> </tr> <tr> <td><a href="#">GEOG 2011</a></td> <td><a href="#">Introduction to Geographic Information Science</a></td> <td><a href="#">3</a></td> </tr> <tr> <td><a href="#">GEOG 3050</a></td> <td><a href="#">Computer Cartography and Image Analysis</a></td> <td><a href="#">3</a></td> </tr> <tr> <td><a href="#">GEOG 3052</a></td> <td><a href="#">Advanced Geographic Information Systems</a></td> <td><a href="#">3</a></td> </tr> <tr> <td colspan="2"><a href="#">Choose two of the following</a></td> <td><a href="#">6</a></td> </tr> <tr> <td><a href="#">GEOG 3053</a></td> <td><a href="#">Application Issues in Geographic Information Systems</a></td> <td><a href="#">3</a></td> </tr> <tr> <td><a href="#">GEOG 3510</a></td> <td><a href="#">Urban Community Planning</a></td> <td><a href="#">3</a></td> </tr> <tr> <td><a href="#">GEOG 4900</a></td> <td><a href="#">Special Topics Remote Sensing of the Environment</a></td> <td><a href="#">3</a></td> </tr> </tbody> </table> <p><a href="#">Note: All classes with prefixes GEOG or GEOL must be completed with a grade of "C" or better.</a></p>	<a href="#">Code</a>	<a href="#">Title</a>	<a href="#">Hours</a>	<a href="#">Required courses</a>			<a href="#">GEOG 2011</a>	<a href="#">Introduction to Geographic Information Science</a>	<a href="#">3</a>	<a href="#">GEOG 3050</a>	<a href="#">Computer Cartography and Image Analysis</a>	<a href="#">3</a>	<a href="#">GEOG 3052</a>	<a href="#">Advanced Geographic Information Systems</a>	<a href="#">3</a>	<a href="#">Choose two of the following</a>		<a href="#">6</a>	<a href="#">GEOG 3053</a>	<a href="#">Application Issues in Geographic Information Systems</a>	<a href="#">3</a>	<a href="#">GEOG 3510</a>	<a href="#">Urban Community Planning</a>	<a href="#">3</a>	<a href="#">GEOG 4900</a>	<a href="#">Special Topics Remote Sensing of the Environment</a>	<a href="#">3</a>
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**Justification:** (select one or more of the following and provide appropriate narrative below:)

- |  |  |
|--|--|
| <input type="checkbox"/> Improving student learning outcomes                   | <input type="checkbox"/> Mandate of State/Federal/Accrediting Agency |
| <input checked="" type="checkbox"/> Adopting current best practice(s) in field | <input checked="" type="checkbox"/> Other –                          |





Geographic information systems (GIS) has become a widely used tool in the geosciences as well as other disciplines such as urban planning, natural resources management, or environmental planning. This new certificate is being proposed as a way to prepare students to enter careers utilizing and applying the tools and technology of GIS. Upon completing this certificate, students will be prepared to offer technological support in geographic information systems to professionals in industry, the public sector, or enter related undergraduate or graduate programs.

**Source of Data to Support Change** (select one or more of the following):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.  
 Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

**Plans for assessing course effectiveness/meeting program learning outcomes**  
(select one or more of the following and provide appropriate narrative below):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.  
 Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)  
 Other Data Source Descriptions –

 <b>Valdosta State University – Curriculum Change or Revised Catalog Copy Form</b> • CURRICULUM CHANGE OR REVISED CATALOG COPY			
Approvals:	Print:	Signature:	Date:
Department Head	Kurt Winkelmann		10-17-23
College/Division Executive Committee	Pierre-Richard Cornely		10-18-23
Dean/Director	Pierre-Richard Cornely		10-18-23
Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			

<b>*Will this change impact another college/department?</b>		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>[select college &amp; indicate department(s)]</i>	
<b>College:</b>	<i>Select One.</i>	<b>Department(s):</b>	



# Valdosta State University Curriculum Form

• Request to DEACTIVATE/ACTIVATE a Course/Program

Date of Submission: 08/1/2023

College: College of Science and Mathematics

Dept. Initiating Request: CoSM

Requestor's Name: Pierre-Richard Cornely

Requestor's Role: Dean

List of Courses (or the program or track)

\*(Example: CLASS 1111 Introduction to Class)

B.S. Astronomy

- Deactivate Course(s)
- Reactivate Course(s)

Program Level:

Course Classification:

Semester to be Effective:

Year to be Effective:

Estimated Frequency of Course Offering:

- Undergraduate
- Graduate

- Core (Area A-E)
- Major Requirement
- Elective

- Fall
- Spring
- Summer

2023

Select One.

Justification: (select one or more of the following and provide appropriate narrative below:)

- Improving student learning outcomes
- Mandate of State/Federal/Accrediting Agency
- Adopting current best practice(s) in field
- Other –

The B.S. in Astronomy is considered an under-enrolled course. CoSM has recently reorganized departments, and the Department of Physics, Astronomy, Geosciences, and Engineering Technology was divided with physics and astronomy programs going to the Department of Mathematics (now Applied Mathematics and Physics). As the program is taught out, the new Applied Mathematics and Physics Department will revise the curriculum.

Source of Data to Support Change (select one or more of the following and provide appropriate narrative below):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.
- Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)


In Spring 2023 there were 18 majors, 2 degrees conferred in AY21-22 and 2 degrees in AY22-23, according to Blazer Insights.



# Valdosta State University – DEACTIVATE/ACTIVATE a Course/Program

- Request to DEACTIVATE/ACTIVATE a Course/Program

Approvals:	Print:	Signature:	Date:
Department Head	Andreas Loferi		10/17/23
College/Division Executive Committee	Pierre-Richard Cornely	Pierre-Richard Cornely	10/18/23
Dean/Director	Pierre-Richard Cornely	Pierre-Richard Cornely	10/18/23
Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			
*Will this change impact another college/department?		<input type="checkbox"/> No <input type="checkbox"/> Yes [select college & indicate department(s)]	
College:	Select One.	Department(s):	

 <b>Valdosta State University Curriculum Form</b> • Request for a REVISED COURSE		Date of Submission:	11/9/2023
<i>*Course/curriculum revisions originate with a faculty member or curriculum committee in the Academic Program.</i>			
<b>College:</b>	College of the Arts	<b>Dept. Initiating Request:</b>	CoA
<b>Requestor's Name:</b>	Michael Schmidt	<b>Requestor's Role:</b>	Dean
<b>CURRENT:</b>		<b>REQUESTED:</b> <i>(list only items to be changed)</i>	
<b>Course Prefix and Number:</b>	ARED 3000	<b>Course Prefix and Number:</b>	
<b>Course Title:</b>	Elementary Art Methods	<b>Course Title:</b>	
<i>Lecture Hours:</i>	1	<i>Lecture Hours:</i>	
<i>Lab/Contact Hours:</i>	4	<i>Lab/Contact Hours:</i>	
<i>Credit Hours:</i>	3	<i>Credit Hours:</i>	
<b>Pre-requisites:</b>	ART 3000 and a minimum GPA of 2.75.	<b>Pre-requisites:</b>	EDUC 2999 and a minimum GPA of 2.75.
<b>CURRENT Course Description:</b>		<b>NEW Course Description:</b> <a href="#"><i>(hover over for instructions)</i></a>	
The study of curricular frameworks, course content, and pedagogical strategies associated with best practices in the field of art education.			
<b>Program Level:</b>	<b>Course Classification:</b>	<b>Semester to be Effective:</b>	<b>Year to be Effective:</b>
<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	<input type="checkbox"/> Core (Area A-E) <input checked="" type="checkbox"/> Major Requirement <input type="checkbox"/> Elective	<input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Summer	2024
<b>Estimated Frequency of Course Offering:</b> <i>Once per Year</i>			
<b>Justification:</b> <i>(select one or more of the following and provide appropriate narrative below:)</i>			
<input type="checkbox"/> Improving student learning outcomes <input type="checkbox"/> Mandate of State/Federal/Accrediting Agency <input type="checkbox"/> Adopting current best practice(s) in field <input checked="" type="checkbox"/> Other –			
<p>We identified a catalog error/mistake (from 2022) that is impacting our BFA ARED program. EDUC 2999 was removed from the original ARED 3000 prerequisite listing in error (this occurred in SP 2022), and the incorrect prerequisite ART 3000 was added last fall.</p> <p>The EDUC 2999 course is no longer a prerequisite anywhere in the BFA ARED program – and it simply must be. This is a required gateway course for all Teacher Preparation Programs – we are out of compliance with the CoEHS and GaPSC – students are able to register for art education classes even though they have not met the requirements of the degree / milestones.</p>			

**Source of Data to Support Change** (select one or more of the following):

Indirect Measures; SOIs, student/employer/alumni surveys, etc.

Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)


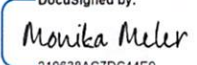


**Plans for assessing course effectiveness/meeting program learning outcomes**  
 (select one or more of the following and provide appropriate narrative below):

Indirect Measures; SOIs, student/employer/alumni surveys, etc.

Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

Other Data Source Descriptions –

N/A

 <b>Valdosta State University - REVISED COURSE Form</b> • Request for a REVISED COURSE			
Approvals:	Print:	Signature:	Date:
Department Head	Monika Meler	DocuSigned by:  210638AG7D644E0...	11/9/2023   5:23 PM EST
College/Division Executive Committee	Ben Harper	DocuSigned by:  F6D3E9B38E63437...	11/9/2023   7:58 PM EST
Dean/Director	Michael T. Schmidt	DocuSigned by:  3F9E5C30D32847F...	11/9/2023   8:00 PM EST
Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			
<b>*Will this change impact another college/department?</b>		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes [select college & indicate department(s)]	
College:	College of Education and Human Services	Department(s):	



# Valdosta State University Curriculum Form

• CURRICULUM CHANGE or REVISED CATALOG COPY

Date of Submission: 10/30/2023

\*Course/curriculum change or addition originates with a faculty member or curriculum committee in the Academic Program.

<b>College:</b>	College of Science and Mathematics	<b>Dept. Initiating Request:</b>	Applied Mathematics and Physics
<b>Requestor's Name:</b>	Dr. Andreas Lazari	<b>Requestor's Role:</b>	Department Head

<b>Check One Option:</b>	<input checked="" type="checkbox"/> Curriculum Change <i>(Changes to Program/Degree)</i>	<input type="checkbox"/> Revised Catalog Copy <i>(New Learning Outcomes, Admissions/Program Policies, Narrative, etc.)</i>
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<b>Program Level:</b>	<b>Course Classification:</b>	<b>Semester to be Effective:</b>	<b>Year to be Effective:</b>
<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate	<input type="checkbox"/> Core (Area A-E) <input type="checkbox"/> Major Requirement <input type="checkbox"/> Elective	<input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Summer	2024

<b>Degree/Program Name:</b>	<u>Bachelor of Science in Applied Mathematics - Secondary Education Track</u>
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<b>Current Catalog URL:</b>	<a href="http://catalog.valdosta.edu/undergraduate/academic-programs/sciences-mathematics/applied-mathematics-physics/bs-applied-mathematics/">http://catalog.valdosta.edu/undergraduate/academic-programs/sciences-mathematics/applied-mathematics-physics/bs-applied-mathematics/</a>
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<b>Present Requirements:</b>	<b>Proposed Requirements: <i>(hover over for instructions)</i></b>
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	<p>(To be added to the Bachelor of Science with a Major in Applied Mathematics)</p> <p><u>Requirements for the Bachelor of Science Degree in Applied Mathematics--Secondary Education Track</u></p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Title</u></th> <th><u>Hours</u></th> </tr> </thead> <tbody> <tr> <td></td> <td><u>Core Curriculum Areas A-E (See VSU Core Curriculum)</u></td> <td><u>42</u></td> </tr> <tr> <td></td> <td><u>Applied Mathematics majors are required to take MATH 1112 or MATH 1113 or MATH 2261 in Area A and MATH 2261 or MATH 2262 in Area D</u></td> <td></td> </tr> <tr> <td></td> <td><u>Core Curriculum Area F</u></td> <td><u>18</u></td> </tr> <tr> <td><u>MATH 2261</u></td> <td><u>Analytic Geometry and Calculus I ("spillover" from Area D)</u></td> <td><u>1</u></td> </tr> <tr> <td><u>MATH 2262</u></td> <td><u>Analytic Geometry and Calculus II</u></td> <td><u>4</u></td> </tr> <tr> <td><u>MATH 2263</u></td> <td><u>Analytic Geometry and Calculus III</u></td> <td><u>4</u></td> </tr> <tr> <td><u>CS 1301</u></td> <td><u>Principles of Programming I (3 credits "spill over" into "Supporting Courses")</u></td> <td><u>1</u></td> </tr> <tr> <td><u>PHYS 2211K</u></td> <td><u>Principles of Physics I</u></td> <td><u>4</u></td> </tr> <tr> <td><u>PHYS 2212K</u></td> <td><u>Principles of Physics II</u></td> <td><u>4</u></td> </tr> <tr> <td></td> <td><u>Senior College Curriculum</u></td> <td><u>60</u></td> </tr> </tbody> </table>	<u>Code</u>	<u>Title</u>	<u>Hours</u>		<u>Core Curriculum Areas A-E (See VSU Core Curriculum)</u>	<u>42</u>		<u>Applied Mathematics majors are required to take MATH 1112 or MATH 1113 or MATH 2261 in Area A and MATH 2261 or MATH 2262 in Area D</u>			<u>Core Curriculum Area F</u>	<u>18</u>	<u>MATH 2261</u>	<u>Analytic Geometry and Calculus I ("spillover" from Area D)</u>	<u>1</u>	<u>MATH 2262</u>	<u>Analytic Geometry and Calculus II</u>	<u>4</u>	<u>MATH 2263</u>	<u>Analytic Geometry and Calculus III</u>	<u>4</u>	<u>CS 1301</u>	<u>Principles of Programming I (3 credits "spill over" into "Supporting Courses")</u>	<u>1</u>	<u>PHYS 2211K</u>	<u>Principles of Physics I</u>	<u>4</u>	<u>PHYS 2212K</u>	<u>Principles of Physics II</u>	<u>4</u>		<u>Senior College Curriculum</u>	<u>60</u>
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Courses Required for the Major

<u>MATH 2150</u>	<u>Introduction to Linear Algebra</u>	<u>3</u>
<u>MATH 3040</u>	<u>Set Theory</u>	<u>3</u>
<u>MATH 3340</u>	<u>Ordinary Differential Equations</u>	<u>3</u>
<u>MATH 3600</u>	<u>Probability and Statistics</u>	<u>3</u>
<u>MATH 4110</u>	<u>Number Theory</u>	<u>3</u>
<u>MATH 4621</u>	<u>Mathematical Statistics I</u>	<u>3</u>
<u>MATH 4651</u>	<u>Numerical Analysis I</u>	<u>3</u>
<u>MATH 4901</u>	<u>Operations Research I</u>	<u>3</u>
<u>MATH 4910</u>	<u>Mathematical Models</u>	<u>3</u>
<u>MAED 4500</u>	<u>Curriculum and Methods for Teaching Secondary Mathematics</u>	<u>3</u>

Select one of the following:

<u>MATH 3510</u>	<u>Foundations of Geometry</u>	<u>3</u>
<u>MATH 4150</u>	<u>Linear Algebra</u>	<u>3</u>
<u>MATH 4260</u>	<u>Mathematical Analysis</u>	<u>3</u>

Courses in Professional Education

<u>EDUC 2110</u>	<u>Investigating Critical and Contemporary Issues in Education</u>	<u>3</u>
<u>EDUC 2120</u>	<u>Exploring Socio-Cultural Perspectives on Diversity</u>	<u>3</u>
<u>EDUC 2130</u>	<u>Exploring Learning and Teaching</u>	<u>3</u>
<u>EDUC 2999</u>	<u>Teacher Education Requirements</u>	<u>0</u>
<u>SPEC 3000</u>	<u>Serving Students with Diverse Needs</u>	<u>3</u>
<u>MAED 3500</u>	<u>Curriculum and Methods for Teaching Middle Grades Mathematics</u>	<u>3</u>
<u>MAED 4790</u>	<u>Student Teaching</u>	<u>9</u>
<u>MAED 4800</u>	<u>Senior Professional Development Seminar</u>	<u>3</u>
<u>Total Hours Required for the Degree</u>		<u>120</u>

Course List

Additional Requirements and Notes

1. If taken, a grade of "C" or better is required in MATH 1111, MATH 1112, MATH 1113, MATH 2150, MATH 2261, MATH 2262, MATH 2263, and CS 1301.



2. Students must complete a sequence of two courses in any foreign language, either in "Supporting Courses" or in a combination of Area C and "Supporting Courses." Minimum acceptable grades in the language courses are the same as minimum acceptable grades in the Core Curriculum.

**Justification:** (select one or more of the following and provide appropriate narrative below:)

- Improving student learning outcomes
  Mandate of State/Federal/Accrediting Agency  
 Adopting current best practice(s) in field
  Other –


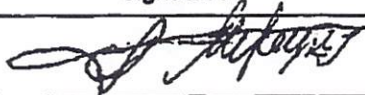
The current Secondary Education track is a track under the BA in Mathematics. The BA in Mathematics has been deactivated effective Fall 23. In order to keep the important program in secondary education certification, we proposed to move the track under the BS in Applied Mathematics.

**Source of Data to Support Change** (select one or more of the following):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.  
 Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)

**Plans for assessing course effectiveness/meeting program learning outcomes**  
(select one or more of the following and provide appropriate narrative below):

- Indirect Measures; SOIs, student/employer/alumni surveys, etc.  
 Direct Measures; Materials collected/evaluated for program assessment (tests/portfolios/assignments, etc.)  
 Other Data Source Descriptions –

 <b>Valdosta State University – Curriculum Change or Revised Catalog Copy Form</b> • CURRICULUM CHANGE OR REVISED CATALOG COPY			
Approvals:	Print:	Signature:	Date:
Department Head	Andreas LaZari		10/31/23
College/Division Executive Committee			
Dean/Director	Pierre-Richard Coraely	Pierre-Richard Coraely	11/08/23
Graduate Executive Committee (for graduate course)			
Graduate Dean (for graduate course)			
Academic Committee			

<b>*Will this change impact another college/department?</b>		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>[select college &amp; indicate department(s)]</i>	
<b>College:</b>	College of Science and Mathematics	<b>Department(s):</b>	Applied Mathematics and Physics