

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

Graduate Academic Policies and Procedures Committee Meeting Minutes February 21, 2022

The Graduate AP&P Committee met via Zoom on Monday, February 22, 2022 at 3:00 p.m.

Voting members present: Gary Boye, Beth Frye, Emily Gillespie, Holly Hirst, Scot Justice, Katherine Ledford, Victor Mansure, Susan Staub, Jonathon Stickford, Brian Whitaker, Ray Williams, Andrew Windham, Jamie Yarbrough

Administrative members present: Mark Bradbury, Ross Gosky, Tammy Haley (Faculty Senate), Jeff Hirst (Undergraduate AP&P), Marie Hoepfl, Lakshmi Iyer, Terry McClannon, Gary McCullough, Adryona Nelson, Dontrell Parson

Guests: Ashley Goodman, Tatyana Ruseva

Absent: Jerianne Taylor, Laura Padgett, Karen Fletcher, LeeAnn Barnes

1. CALL TO ORDER

Chairperson Ray Williams called the meeting to order at 3:01 pm and asked members and guests to sign in on the chat. Ross Gosky posted the voting sheet link in the chat.

2. INTRODUCTION OF GUESTS

3. ANNOUNCEMENTS/FIOS

G_HS_CHS_2021_4

The Beaver College of Health Sciences has added a new department, Rehabilitation Sciences (RHS), to the college. This department will combine several degree programs, which results in the discontinuation of the Department of Communication Sciences and Disorders. The bulletin needs to be updated with the new information and changes. Changes include updates to the BCHS graduate bulletin pages, the addition of the new RHS pages, deletion of the current CSD pages, and changes to exercise science.

Marie Hoepfl stated that this type of notification is now standard procedure for newly approved departments. The new department will house the Speech Language

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

Pathology and Athletic Training graduate programs, and the new MS in Occupational Therapy program once that program is fully approved.

4. NEW BUSINESS

A. Curriculum Proposals

Beaver College of Health Sciences

G_HS_RPE_2021_2 Add CI 5750 Teaching Diverse Young Adolescents to the Graduate Certificate in Health and Physical Education program of study.

MOTION 1: from Curriculum Subcommittee to APPROVE changes to certificate program, with the note that the course ordering will stay 5750 and then 5045, i.e., those courses will be out of numerical order. A vote was taken. **MOTION PASSED** with 13 votes.

G_HS_CSD_2021_1 Change the requirements for our Master's Program Comprehensive exam to include both the Praxis II (NTE) and a Departmental Comprehensive Examination.

MOTION 2: from Curriculum Subcommittee to APPROVE changes to comprehensive exam wording. A vote was taken. **MOTION PASSED** with 13 votes.

G_HS_CHS_2021_5 Add CHS 5500 - Independent Study (1- 4)

MOTION 3: from Curriculum Subcommittee to APPROVE addition of independent study course. A vote was taken. **MOTION PASSED** with 13 votes.

G_HS_NHM_2021_7 Add a new course HCM 5530-5549 - Selected Topics to the course offerings for the Master of Health Administration.

MOTION 4: from Curriculum Subcommittee to APPROVE addition of selected topics course sequence. A vote was taken. **MOTION PASSED** with 13 votes.

G_HS_NHM_2021_8 Make minor changes in the content of HCM 5590 (with course name adjustment) to reflect additional course content.

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

MOTION 5: from Curriculum Subcommittee to APPROVE change to course in proposal. A vote was taken. **MOTION PASSED** with 13 votes.

G_HS_HES_2021_10 Clarify the admissions process for the Master of Science in Athletic Training bulletin.

MOTION 6: from Curriculum Subcommittee to APPROVE changes to admission process. A vote was taken. **MOTION PASSED** with 13 votes.

College of Arts and Sciences

G_CAS_GJS_2021_3 Create Dual Degree: MA-PS American Government & MSADA Interdisciplinary concentration.

G_CAS_GJS_2021_4 Create Dual Degree: MA-PS International Relations/Comparative Politics & MSADA Interdisciplinary concentration.

G_CAS_GJS_2021_5 Create Dual Degree: MA-PS Environmental Politics & MSADA Interdisciplinary concentration.

MOTION 7: from Curriculum Subcommittee to APPROVE GJS proposals 3, 4, and 5. A vote was taken. **MOTION PASSED** with 13 votes.

G_CAS_GJS_2021_30 Change the name of PS 5741: European Governments and Politics

G_CAS_GJS_2021_31 Change the name of PS 5744: Middle East Politics

G_CAS_GJS_2021_32 Change the name of PS 5742: Politics of Developing Countries.

MOTION 8: from Curriculum Subcommittee to APPROVE GJS proposals 30, 31, and 32. A vote was taken. **MOTION PASSED** with 13 votes.

G_CAS_LLC_2021_1 Add SNH 5038: Seminar in Applied Linguistics

MOTION 9: from Curriculum Subcommittee to APPROVE course addition. A vote was taken. **MOTION PASSED** with 13 votes.

G_CAS_ENG_2021_8 Change the title and description for ENG 5835

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

MOTION 10: from Curriculum Subcommittee to APPROVE changes. A vote was taken.
MOTION PASSED with 13 votes.

G_CAS_ENG_2021_11 Revise the English MA - College Teaching concentration (change to Teaching Literature and Writing)

G_CAS_ENG_2021_12 Revise the English MA - general degree (change to Literary Studies)

G_CAS_ENG_2021_13 Revise the English MA - Rhetoric and Composition concentration

MOTION 11: from Curriculum Subcommittee to APPROVE ENG proposals 11, 12, and 13. A vote was taken. **MOTION PASSED** with 13 votes.

GU_CAS_GHY_2021_09 New elective course, GHY 4815/5815: GIS Programming and Databases

NOTE: This must be updated to “G” only and all reference to dual listing removed from the course description. The UG proposal was rescinded.

G_CAS_GHY_2021_16 Revise the Master of Arts in Geography

MOTION 12: from Curriculum Subcommittee to APPROVE GHY proposals 09 and 16. A vote was taken. **MOTION PASSED** with corrections as noted above with 13 votes.

G_CAS_GHY_2021_15 Revise the Geographic Information Science Graduate Certificate GCERT_114A

MOTION 13: Hirst moved, Justice seconded. Hirst, Bradbury, and Hoepfl provided some additional background information. A vote was taken. **MOTION PASSED** with 11 votes.

G_CAS_MAT_2021_18 Change the course bulletin description of MAT 5965.

G_CAS_MAT_2021_19 Change the course bulletin description for MAT 5935

MOTION 14: from Curriculum Subcommittee to APPROVE MAT proposals 18 and 19. A vote was taken. **MOTION PASSED** with 13 votes.

G_CAS_BIO_2021_1 Change BIO 6615 to BIO 5115

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

MOTION 15: Mansure moved, Justice seconded. to remove BIO 1 from the table (because the proposal was tabled at the January meeting). In order to vote on it today it needs to be removed from the table. **MOTION PASSED** with 13 votes.

G_CAS_BIO_2021_3 Change MS_207B POS

MOTION 16: from Curriculum Subcommittee to APPROVE BIO proposals 1 and 3, with the notation that Biology may be contacted to supply a maximum number of credits for the course so this can be coded into Banner and DegreeWorks. Subcommittee didn't want to hold up the proposal. **MOTION PASSED** with 13 votes.

Reich College of Education

G_COE_LES_2021_23 Change course hours, description, and grading requirement for LSA 5900- School Administration and Supervision Internship/Practicum
1. Modify course hours: Remove (3-6) to change to (3)
2. Remove Graded on an S/U basis.
3. Add: 200-250 hours of field experience required

G_COE_LES_2021_24 Change course description for LSA 5910-Building Level Action Research (3)
1. Add: 200-250 hours of field experience required
2. Modify semester offering to On Demand

G_COE_LES_2021_25 Create Course: LSA 5575: Leadership for School Improvement (3)

MOTION 17: from Curriculum Subcommittee to APPROVE LES proposals 23, 24, and 25. A vote was taken. **MOTION PASSED** with 13 votes.

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

G_COE_LES_2021_21

Update the School Administration MSA (MSA_433A) program as follows:

1. Delete RES 5070- School-Based Evaluation and School Improvement Planning
2. Delete RES 5080- Data-Driven School Leadership
3. LSA 5900- Building Level Action Research (3) *9 total hours required (see Proposal 23)
4. LSA 5910-School Administration and Supervision Internship/Practicum (3) *9 total hours required (see Proposal 24) & update note
5. Add LSA 5575- Leadership for School Improvement (3) (see Proposal 25)
6. Change: Comprehensive from Required to Portfolio Required
7. Change: Admission requirement

G_COE_LES_2021_22

Update the School Leadership (GCERT_473A) program as follows:

1. Delete RES 5070- School-Based Evaluation and School Improvement Planning
2. Delete RES 5080- Data-Driven School Leadership
3. LSA 5900- Building Level Action Research (3) *9 hours total (see Proposal 23)
4. LSA5910 -School Administration and Supervision Internship/Practicum (3) *9 hours total (see Proposal 24) & update notes
4. Add LSA 5575- Leadership for School Improvement (3) (see Proposal 25)
5. Change: Admission Requirements
6. Add: Other Requirements: Comprehensive: Portfolio Required

MOTION 18: from Curriculum Subcommittee to APPROVE LES proposals 21 and 22. A vote was taken. **MOTION PASSED** with 13 votes.

NOTE: Holly Hirst noted that there is another proposal coming in March that is impacted by the ITC proposals but that just got PEC approval. We are going to allow that to come forward with an effective date of Fall 2022.

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

G_COE_FCS_2021_2 Change FCS 5400: edTPA Preparation from one credit hour to three credit hours.

MOTION 19: Hirst moved, Windham seconded to remove FCS_2 from the table (proposal was tabled at the January meeting). In order to vote on it today it needs to be removed from the table. **MOTION PASSED** with 13 votes.

G_COE_FCS_2021_3 Change the POS for the Birth through Kindergarten Graduate Certificate to reflect the changes proposed in G_COE_FCS_2021_1, that FCS 5400: edTPA Preparation move from one credit hour to three credit hours.

MOTION 20: from Curriculum Subcommittee to APPROVE FCS proposals 2 and 3. A vote was taken. **MOTION PASSED** with 13 votes.

G_COB_MSADA_2021_1 Change the program of study for MS in Applied Data Analytics (MSADA) - all five concentrations to include PSY 5050 Advanced Quantitative Methods as an option in the core. That is take any two of the following three courses:
ECO 5720 Applied Econometrics; ECO 5740 - Forecasting and Time Series Models; PSY 5050 Advanced Quantitative Methods.
MSADA - Supply Chain Analytics
MSADA- Sustainability Analytics
MSADA-- Interdisciplinary Analytics
MSADA-- Marketing Analytics MSADA - Healthcare Analytics

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

- G_COB_MSADA_2021_2** Change the program of study for all three dual degree programs MSADA and MPA to include PSY 5050 Advanced Quantitative Methods as an option in the MSADA core. (see ref proposal G_COB_MSADA_2021_1). Also, a previous change to MSADA core: MBA5200 Prob Analysis and Quant Methods OR PSY5030 (Quant Methods in PSY) should also apply to:
1. Applied Data Analytics - Interdisciplinary Concentration, MS and Public Administration - Notfor-Profit Management Conc., MPA;
 2. Applied Data Analytics - Interdisciplinary Concentration, MS and Public Administration - Public Management Conc., MPA;
 3. Applied Data Analytics - Interdisciplinary Concentration, MS and Public Administration - Town, City and County Management Conc.
- G_COB_MSADA_2021_3** Change the program of study for MSADA and MBA dual degree programs to include PSY 5050 Advanced Quantitative Methods as an option in the core. That is take any two of the following three courses: ECO 5720 Applied Econometrics; ECO 5740 - Forecasting and Time Series Models; PSY 5050 Advanced Quantitative Methods. (see ref proposal G_COB_MSADA_2021_1).
- G_COB_MSADA_2021_4** Change the program of study for MSADA and IOHRM dual degree program to include PSY 5050 Advanced Quantitative Methods as an option in the MSADA core. That is take any two of the following three courses: ECO 5720 Applied Econometrics; ECO 5740 - Forecasting and Time Series Models; PSY 5050 Advanced Quantitative Methods. (see ref proposal G_COB_MSADA_2021_1).
- G_COB_MSADA_2021_5** Change the program of study for MSADA and Engineering Physics dual degrees to include PSY 5050 Advanced Quantitative Methods as an option in the MSADA core. That is take any two of the following three courses: ECO 5720 Applied Econometrics; ECO 5740 - Forecasting and Time Series Models; PSY 5050 Advanced Quantitative Methods. (see ref proposal

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

G_COB_MSADA_2021_1). Also, a previous change to MSADA core: MBA5200 Prob Analysis and Quant

Methods OR PSY5030 (Quant Methods in PSY) should be applied.

MOTION 21: from Curriculum Subcommittee to Approve MSADA proposals 1, 2, 3, 4, and 5 (note that the course title for PSY 5050 was incorrect on the POS, but that will be automatically corrected when PSY 5050 is added to the Bulletin). A vote was taken. **MOTION PASSED** with 12 votes.

B. Policy Proposals

G_GRAD_2021_3

ADD a new policy to the Graduate Bulletin that establishes guidelines for adding a degree or certificate program to an existing program. **Motion from the floor required.**

MOTION 22: Williams moved, Justice seconded. Ledford and Hoepfl provided some background information. Questions from McCullough, McClannon, and Haley. McClannon asked for clarification about the timing for when a graduating student can submit an application for the new program. McCullough and Haley both said they think this proposal should be tabled, that we shouldn't "rush" into a decision. Williams said he does not believe this has been a "rushed" decision.

After discussion, Williams and Justice withdraw their motion and second, with the goal that this will come forward for a decision at the March meeting.

G_GRAD_2021_4

CHANGE the "Certificate Programs" policy in the Graduate Bulletin to update language and to include the procedures and rules for adding a certificate to an existing certificate or degree program of study. **Motion from the floor required.**

MOTION 22: Yarbrough moved, Hirst seconded, to Table GRAD_3 and GRAD_4 until the March GAPP meeting. A vote was taken. **MOTION PASSED** with 9 votes.

G_GRAD_2021_5

CHANGE the "Program of Study" policy in the

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

Graduate Bulletin to include updated language and to clarify rules governing the structure of degree and certificate programs of study. **Motion from the floor required.**

MOTION 23: Justice moved, Mansure seconded, to approve the change to the Program of Study policy language. Mansure asked for clarification about the number of credits an Accelerated Master's student can take prior to formally beginning their graduate program. Haley asked about the wording used in the proposed policy, resulting in the following amendment to the language:

AMENDED MOTION: Justice and Mansure accept an amended motion that includes the following amended language in Bullet 5: "The program of study may not include more than nine (9) hours of coursework taken at Appalachian before the term of admission to the degree program, and these credits may not have been used to satisfy the requirements of a prior earned degree unless the student has been admitted under Accelerated Master's status at Appalachian or the student has completed a certificate program at Appalachian, as detailed below."

A vote was taken. **MOTION PASSED** with 11 votes and one abstention.

G_GRAD_2021_6

CHANGE the "Transfer Credits" policy in the Graduate Bulletin to clarify what course credits may be transferred in for use in a graduate program of study, that the seven-year time limit applies to transfer credits, and that graduate credits used to satisfy a prior earned degree may not be included in the degree or certificate program of study.

MOTION 24: Motion to approve from Policy Subcommittee. A vote was taken.
MOTION PASSED with 13 votes.

G_GRAD_2021_7

CHANGE the "Undergraduate Enrollment" policy in the Graduate Bulletin to clarify the type of courses that are eligible for qualifying undergraduate students to enroll in and to update the number of such credits that may be applied to a later graduate degree program.

MOTION 25: Motion to approve from Policy Subcommittee. A vote was taken.
MOTION PASSED with 12 votes.

5. OLD BUSINESS

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

Ray Williams hopes to bring up in March a vote to hold our final meeting in April in a faceto-face format.

6. DISCUSSION ITEMS

A. Updates from the Graduate School – Dr. Marie Hoepfl & Dr. Ross Gosky

Hoepfl told the committee that nominations are being accepted for graduate faculty and student awards. She informed the group about Appalachian’s success at the regional 3MT competition, with our competitor Robert Onjiko (Biology) earning the People’s Choice Award. Hoepfl said there are two open staff positions in the Graduate School and asked members to help get the word out about these. She also alerted the group about the recently-announced decision by the System Office to “sunset” UNC Online. At this time there are no definite plans for what will take its place.

7. ADJOURNMENT

MOTION 26: Mansure moved, Williams seconded to adjourn the meeting. **MOTION PASSED.**

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

Graduate Academic Policies and Procedures
Addendum to The Meeting Minutes
February 21, 2022

Curriculum Proposals

Beaver College of Health Sciences

G_HS_RPE_2021_2

Add CI 5750 Teaching Diverse Young Adolescents to the Graduate Certificate in Health and Physical Education program of study.

NOTE: that the course ordering will stay 5750 and then 5045, i.e., those courses will be out of numerical order.

*See document in attached addendum folder.

G_HS_CSD_2021_1

Change the requirements for our Master's Program Comprehensive exam to include both the Praxis II (NTE) and a Departmental Comprehensive Examination.

*See document in attached addendum folder.

G_HS_CHS_2021_5

Add CHS 5500 - Independent Study (1- 4)

CHS 5500 - Independent Study (1-4) When Offered: On Demand

G_HS_NHM_2021_7

Add a new course HCM 5530-5549 - Selected Topics to the course offerings for the Master of Health Administration.

HCM 5530-5549 - Selected Topics (1-4) When Offered: On Demand An opportunity to study a special topic or combination of topics not otherwise provided in the MHA curriculum.

G_HS_NHM_2021_8

Make minor changes in the content of HCM 5590 (with course name adjustment) to reflect additional course content.

*See document in attached addendum folder.

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

G_HS_HES_2021_10

Clarify the admissions process for the Master of Science in Athletic Training bulletin.

*See document in attached addendum folder. College of Arts and Sciences

G_CAS_GJS_2021_3

Create Dual Degree: MA-PS American Government & MSADA Interdisciplinary concentration.

*See document in attached addendum folder.

G_CAS_GJS_2021_4

Create Dual Degree: MA-PS International Relations/Comparative Politics & MSADA Interdisciplinary concentration.

*See document in attached addendum folder.

G_CAS_GJS_2021_5

Create Dual Degree: MA-PS Environmental Politics & MSADA Interdisciplinary concentration.

*See document in attached addendum folder.

G_CAS_GJS_2021_30

Change the name of PS 5741: European Governments and Politics

Proposed Bulletin copy

PS 4741 - European Politics (3)
When Offered: On Demand

This course provides an overview of the political development of Europe since World War II. We will compare the enduring features of West European politics, such as parliamentary democracy and the welfare state, with the dramatic changes in Eastern Europe, from the Communist seizure of power to the collapse of Communism. We will also explore the common challenges facing Europe today, such as regional integration and the rise of nationalism.

Prerequisite: junior or senior standing, or permission of the instructor.

[Dual-listed with PS 5741.] Dual-listed courses require senior standing; juniors may enroll with permission of the department. (Global Learning Opportunity course)

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

PS 5741 - European Politics (3)
When Offered: On Demand

This course provides an overview of the political development of Europe since World War II. We will compare the enduring features of West European politics, such as parliamentary democracy and the welfare state, with the dramatic changes in Eastern Europe, from the Communist seizure of power to the collapse of Communism. We will also explore the common challenges facing Europe today, such as regional integration and the rise of nationalism.

[Dual-listed with PS 4741.]

G_CAS_GJS_2021_31

Change the name of PS 5744: Middle East Politics

Proposed Bulletin copy PS 4744 - Middle Eastern Politics
When Offered: Spring

An examination of the political, cultural, economic and social patterns of the Middle East. Prerequisite: junior or senior standing, or permission of the instructor. [Dual-listed with PS 5744.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

PS 5744 - Middle Eastern Politics
When Offered: Spring

An examination of the political, cultural, economic and social patterns of the Middle East.

[Dual-listed with PS 4744.]

G_CAS_GJS_2021_32

Change the name of PS 5742: Politics of Developing Countries.

Proposed Bulletin copy

PS 4742 - Politics in the Post-Colonial World (3)
When Offered: Fall, Even-numbered years

Focuses on the efforts of a majority of the world's governments to meet the twin challenges of participatory politics and of the Global market economy.

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

Prerequisite: junior or senior standing, or permission of the instructor. [Dual-listed with PS 5742.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

PS 5742 - Politics in the Post-Colonial World (3)
When Offered: Fall, Even-numbered years

Focuses on the efforts of a majority of the world's governments to meet the twin challenges of participatory politics and of the Global market economy.

[Dual-listed with PS 4742.]

G_CAS_LLC_2021_1

Add SNH 5038: Seminar in Applied Linguistics

SNH 5038: Seminar in Applied Linguistics (3)
When Offered: On Demand

Study and analysis of theoretical and practical aspects of language teaching and learning. The seminar format allows for study of various topics within applied linguistics and language pedagogy. These may include methods and approaches to language teaching, issues in planning and assessment, the teaching of specific aspects of language and culture, and the use of technology in language teaching. Barring duplication of content, a student may repeat the course for a total of six credit hours.

G_CAS_ENG_2021_8

Change the title and description for ENG 5835

ENG 5835 - Renaissance Literature (3)
When offered: Fall, even-numbered years

A critical study of the literature and culture of the British Renaissance.

G_CAS_ENG_2021_11

Revise the English MA - College Teaching concentration (change to Teaching Literature and Writing)

*See document in attached addendum folder.

G_CAS_ENG_2021_12

Revise the English MA - general degree (change to Literary Studies)

*See document in attached addendum folder.

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

G_CAS_ENG_2021_13

Revise the English MA - Rhetoric and Composition concentration

*See document in attached addendum folder.

GU_CAS_GHY_2021_09

New elective course, GHY 4815/5815: GIS Programming and Databases

NOTE: This must be updated to “G” only and all reference to dual listing removed from the course description. The UG proposal was rescinded.

GHY 4815- GIS Programming and Databases (3)

When Offered: Fall.

This course provides Geographic Information Systems (GIS) geocomputing for solving geographical problems. Students will learn Python syntax and structure to automate tasks and customize applications specifically for closed and open-source GIS. Additionally, students will gain experience designing and managing geospatial databases using the SQL query language and relational database management systems like Esri’s ArcSDE, Microsoft Access, Microsoft SQL Server, and Oracle Database. The course will focus on how programming and databases situate in the geospatial workflow through integration with spatial data, spatial analysis, and geovisualization. Prerequisite: GHY 3812 [Dual-listed with GHY 5815.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

GHY 5815 - GIS Programming and Databases (3)

When Offered: Fall.

This course provides Geographic Information Systems (GIS) geocomputing for solving geographical problems. Students will learn Python syntax and structure to automate tasks and customize applications specifically for closed and open-source GIS. Additionally, students will gain experience designing and managing geospatial databases using the SQL query language and relational database management systems like Esri’s ArcSDE, Microsoft Access, Microsoft SQL Server, and Oracle Database. The course will focus on how programming and databases situate in the geospatial workflow through integration with spatial data, spatial analysis, and geovisualization. [Dual-listed with GHY 4815.]

G_CAS_GHY_2021_16

Revise the Master of Arts in Geography

*See document in attached addendum folder.

G_CAS_GHY_2021_15

Revise the Geographic Information Science Graduate Certificate GCERT_114A

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

*See document in attached addendum folder.

G_CAS_MAT_2021_18

Change the course bulletin description of MAT 5965.

Proposed Bulletin copy

MAT 3950 Informal Geometry (3)

When Offered: Fall; Spring

This course is an informal treatment of the geometric concepts in the elementary and middle school mathematics curriculum. The topics include but are not limited to polygons, angles, area, perimeter, circles, congruence, similarity, tilings, transformations, symmetry, and polyhedra. This course does not count in the program for mathematics majors or minors. Prerequisite: MAT 2910 or permission of the instructor.

MAT 5965 Informal Geometry (3)

When Offered: On Demand

This course is an informal treatment of the geometric concepts in the elementary and middle school mathematics curriculum. The topics include but are not limited to polygons, angles, area, perimeter, circles, congruence, similarity, tilings, transformations, symmetry, and polyhedra. This course does not count in the program for mathematics majors or minors. It does not count in the program of study for the Masters of Arts in Mathematics. Prerequisite: MAT 2910 (Introduction to the Logic and Structure of Mathematics I) or permission of the instructor.

G_CAS_MAT_2021_19

Change the course bulletin description for MAT 5935

Proposed Bulletin copy

MAT 3930 Basic Concepts of Probability and Statistics (3)

When Offered: Spring

This course examines the concepts underlying the elementary and middle school curriculum in probability and statistics. Statistics will be presented as a problem solving process involving question formulation, data collection, data analysis and the interpretation of results. Probability models will be studied using both mathematical approaches and simulations. This course does not count in the program for mathematics majors and minors. Prerequisite: MAT 2910 or permission of the instructor.

MAT 5935 Basic Concepts of Probability and Statistics (3)

When Offered: On Demand

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

This course examines the concepts underlying the elementary and middle school curriculum in probability and statistics. Probability models will be studied using both mathematical approaches and simulations. Statistics will be presented as a problem solving process involving question formulation, data collection, data analysis and the interpretation of results. Does not count in the program for mathematics majors and minors. Prerequisite: MAT 2910 (Introduction to the Logic and Structure of Mathematics I) or permission of the instructor.

G_CAS_BIO_2021_1

Change BIO 6615 to BIO 5115

BIO 5115 - Current Topics in Cell and Molecular Biology (3).

When Offered: Fall, Spring

Seminar course exploring recent advances in Cell and Molecular Biology using primary literature published within the last six months. Course content changes each offering. BIO 5115 may be repeated, though only 3 hrs is required on the Cell and Molecular concentration program of study.

G_CAS_BIO_2021_3

Change MS_207B POS

Note: Biology may be contacted to supply a maximum number of credits for the course so this can be coded into Banner and DegreeWorks. Subcommittee didn't want to hold up the proposal.

*See document in attached addendum folder.

Reich College of Education

G_COE_LES_2021_23

Change course hours, description, and grading requirement for LSA 5900- School Administration and Supervision Internship/Practicum 1.

Modify course hours: Remove (3-6) to change to (3)

2. Remove Graded on an S/U basis.

3. Add: 200-250 hours of field experience required

LSA 5900- School Administration and Supervision Internship/Practicum (3)

When Offered: On Demand

This course is designed to provide students with supervised experiences of leadership and management or a supervised project-based learning experience in a school setting under the direction of a licensed principal in North Carolina. This course is repeated two times

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

for a total of 9 sh credits. This course is restricted to students who are not currently employed in a K-12 school. 200-250 hours of field experience is required.

G_COE_LES_2021_24

Change course description for LSA 5910-Building Level Action Research (3)

1. Add: 200-250 hours of field experience required
2. Modify semester offering to On Demand

LSA 5910- Building Level Action Research (3)

When Offered: On Demand

This course is designed to provide students with supervised experiences of leadership and management or a supervised project-based learning experience in a school setting under the direction of a licensed principal in North Carolina. This course is repeated up to two times for a total of 9 sh credits. This course is restricted to students who are currently employed in a k-12 school. 200-250 hours of field experience is required

G_COE_LES_2021_25

Create Course: LSA 5575: Leadership for School Improvement (3)

LSA 5575: Leadership for School Improvement (3)

When offered: Fall, Spring, Summer

This course is designed to prepare prospective school executives with the knowledge and practical skills needed to lead improvement initiatives within the unique context of their schools. Prospective school executives will have the opportunity to gather, analyze, and use information about their schools in a process leading to improved outcomes for students. Prospective school executives will explore how a collaborative, continuous improvement process is important to meeting building-level goals, and how to create an action plan to address identified needs. Students will complete projects that solve problems specific to their school. These projects will count towards internship hours required for licensure.

G_COE_LES_2021_21

Update the School Administration MSA (MSA_433A) program as follows:

1. Delete RES 5070- School-Based Evaluation and School Improvement Planning
2. Delete RES 5080- Data-Driven School Leadership
3. LSA 5900- Building Level Action Research (3) *9 total hours required (see Proposal 23)
4. LSA 5910-School Administration and Supervision Internship/Practicum (3) *9 total hours required (see Proposal 24) & update note
5. Add LSA 5575- Leadership for School Improvement (3) (see Proposal 25)
6. Change: Comprehensive from Required to Portfolio Required
7. Change: Admission requirement

*See document in attached addendum folder.

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

G_COE_LES_2021_22

Update the School Leadership (GCERT_473A) program as follows:

1. Delete RES 5070- School-Based Evaluation and School Improvement Planning
2. Delete RES 5080- Data-Driven School Leadership
3. LSA 5900- Building Level Action Research (3) *9 hours total (see Proposal 23)
4. LSA5910 -School Administration and Supervision Internship/Practicum (3) *9 hours total (see Proposal 24) & update notes
4. Add LSA 5575- Leadership for School Improvement (3) (see Proposal 25)
5. Change: Admission Requirements
6. Add: Other Requirements: Comprehensive: Portfolio Required

NOTE: Holly Hirst noted that there is another proposal coming in March that is impacted by the ITC proposals but that just got PEC approval. We are going to allow that to come forward with an effective date of Fall 2022.

*See document in attached addendum folder.

G_COE_FCS_2021_2

Change FCS 5400: edTPA Preparation from one credit hour to three credit hours.

FCS 5400 - edTPA Preparation (3)

When Offered: On Demand

Students will be required to complete the edTPA portfolio by planning and implementing developmentally appropriate environments and learning experiences; interacting with children and their families; demonstrating an advanced level of reflection and integration; and participating in appropriate professional behavior, as outlined in the edTPA workbook for early childhood. Prerequisite: FCS 5112

G_COE_FCS_2021_3

Change the POS for the Birth through Kindergarten Graduate Certificate to reflect the changes proposed in G_COE_FCS_2021_1, that FCS 5400: edTPA Preparation move from one credit hour to three credit hours.

*See document in attached addendum folder.

G_COB_MSADA_2021_1

Change the program of study for MS in Applied Data Analytics (MSADA) - all five concentrations to include PSY 5050 Advanced Quantitative Methods as an option in the core. That is take any two of the following three courses:

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

ECO 5720 Applied Econometrics; ECO 5740 - Forecasting and Time Series Models;
PSY 5050 Advanced Quantitative Methods.
MSADA - Supply Chain Analytics
MSADA- Sustainability Analytics
MSADA-- Interdisciplinary Analytics
MSADA-- Marketing Analytics
MSADA - Healthcare Analytics

*See document in attached addendum folder.

G_COB_MSADA_2021_2

Change the program of study for all three dual degree programs MSADA and MPA to include PSY 5050 Advanced Quantitative Methods as an option in the MSADA core. (see ref proposal G_COB_MSADA_2021_1). Also, a previous change to MSADA core:

MBA5200 Prob Analysis and Quant Methods OR PSY5030 (Quant Methods in PSY) should also apply to:

1. Applied Data Analytics - Interdisciplinary Concentration, MS and Public Administration - Not-for-Profit Management Conc., MPA;
2. Applied Data Analytics - Interdisciplinary Concentration, MS and Public Administration - Public Management Conc., MPA;
3. Applied Data Analytics - Interdisciplinary Concentration, MS and Public Administration - Town, City and County Management Conc.

*See document in attached addendum folder.

G_COB_MSADA_2021_3

Change the program of study for MSADA and MBA dual degree programs to include PSY 5050 Advanced Quantitative Methods as an option in the core. That is take any two of the following three courses: ECO 5720 Applied Econometrics; ECO 5740 - Forecasting and Time Series Models; PSY 5050 Advanced Quantitative Methods. (see ref proposal G_COB_MSADA_2021_1).

*See document in attached addendum folder.

G_COB_MSADA_2021_4

Change the program of study for MSADA and IOHRM dual degree program to include PSY 5050 Advanced Quantitative Methods as an option in the MSADA core. That is take any two of the following three courses: ECO 5720 Applied Econometrics; ECO 5740 - Forecasting and Time Series Models; PSY 5050 Advanced Quantitative Methods. (see ref proposal G_COB_MSADA_2021_1).

*See document in attached addendum folder.

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

G_COB_MSADA_2021_5

Change the program of study for MSADA and Engineering Physics dual degrees to include PSY 5050 Advanced Quantitative Methods as an option in the MSADA core. That is take any two of the following three courses: ECO 5720 Applied Econometrics; ECO 5740 - Forecasting and Time Series Models; PSY 5050 Advanced Quantitative Methods. (see ref proposal G_COB_MSADA_2021_1). Also, a previous change to MSADA core: MBA5200 Prob Analysis and Quant Methods OR PSY5030 (Quant Methods in PSY) should be applied.

Note: that the course title for PSY 5050 was incorrect on the POS, but that will be automatically corrected when PSY 5050 is added to the Bulletin).

*See document in attached addendum folder.

A. Policy Proposals

G_GRAD_2021_4

Change the "Certificate Programs" policy in the Graduate Bulletin to update language and to include the procedures and rules for adding a certificate to an existing certificate or degree program of study.

*See document in attached addendum folder.

G_GRAD_2021_5

CHANGE the "Program of Study" policy in the Graduate Bulletin to include updated language and to clarify rules governing the structure of degree and certificate programs of study.

AMENDED MOTION: includes the following amended language in Bullet 5: “The program of study may not include more than nine (9) hours of coursework taken at Appalachian before the term of admission to the degree program, and these credits may not have been used to satisfy the requirements of a prior earned degree unless the student has been admitted under Accelerated Master’s status at Appalachian or the student has completed a certificate program at Appalachian, as detailed below.”

*See document in attached addendum folder.

G_GRAD_2021_6

CHANGE the "Transfer Credits" policy in the Graduate Bulletin to clarify what course credits may be transferred in for use in a graduate program of study, that the seven-year time limit applies to transfer credits, and that graduate credits used to satisfy a prior earned degree may not be included in the degree or certificate program of study.

*See document in attached addendum folder.

Provost approved May 26, 2022
Effective Fall 2022 unless otherwise noted.

G_GRAD_2021_7

CHANGE the "Undergraduate Enrollment" policy in the Graduate Bulletin to clarify the type of courses that are eligible for qualifying undergraduate students to enroll in and to update the number of such credits that may be applied to a later graduate degree program.

*See document in attached addendum folder.

Academic Policies and Procedures Committees

PROPOSAL FORM -- Part A

Graduate AP&P Undergraduate AP&P Both (Dual-Listed Courses) Submit simultaneously	Department/Program Proposal # _____ Proposed Effective Date: FALL (year) _____
--	---

College/Unit _____ Assoc. Dean _____ Proposer(s) _____

Department/Program _____ Chair _____

1. I want to: _____ Briefly describe the action(s) requested:

2. Rationale for this request:

3. For additions/changes to courses:

a. List the current Bulletin copy (including dual- or cross-listed information, if applicable). Attach separate sheet if more space is needed.

b. List the proposed Bulletin copy (including dual- or cross-listed information, if applicable). Attach separate sheet if more space is needed.

4. **Attachments:** For additions/changes to programs of study or policy, attach marked up program of study or Bulletin copy showing revisions. For new courses, attach syllabus.

8. If a policy change or deletion is requested, list all units or groups who were consulted in development of this proposal.
List the person(s) and date contacted and their response.

9. If changing a course number or adding a course, is the proposed course equivalent to an existing course in Banner?
yes ___ no ___ n/a ___ (If yes, list the existing and proposed equivalent course below)

Existing Course		Proposed Course	

10. Is this a General Education course? yes ___ no ___ n/a ___ If yes, consult the Office of General Education. (NOTE: If requesting new general education credit, you must submit Part C of the AP&P proposal form to the Office of General Education.)

11. a. Does this proposal affect a course or requirement of an AppState Online or Distance Education program? yes ___ no ___
If yes, what is the mode of delivery? fully online ___ site-based (includes hybrid) ___
If yes, contact AppState Online (online@appstate.edu) and Site Management and State Authorization (stateauthorization@appstate.edu).
List the date, the person(s) contacted, and the response.

12. If the schedule type is being updated and is not designated as an Internship (INT), Practicum (PRA), Field Experience (FLD), Clinical (CLN) or Student Teaching (ST) experience, but students will be applying their skills in an experiential manner such as providing professional advice to community members or working directly with minors, has General Counsel been consulted regarding liability?
yes ___ n/a ___
If yes, list the date, the person contacted, and the response.

Program Code: MS_207B

CIP Code: 26.0101

Learn more about the [Department of Biology](#).

Program of Study for the Master of Science in Biology

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete application to the Graduate School](#); official general GRE exam scores, unless waived; letter of intent; commitment from a Biology faculty member to chair the applicant's thesis committee.

Additional Admission Requirements: Recommendations for the application should be written by persons familiar with the applicant's academic performance. At least one letter must be from a faculty member at the applicant's undergraduate degree-granting institution. Applicants are encouraged to contact the program director as early as possible regarding thesis research interests.

To be considered for admission, applicants must meet the [criteria for admission to the Graduate School](#). Meeting these criteria does not guarantee admission.

Standardized Exam Waiver Eligibility: The standardized exam (GRE) requirement may be waived for applicants who earned a cumulative undergraduate GPA of 3.0 or higher and who complete an interview (on-campus preferred, although video interview is acceptable) with the potential faculty adviser(s) and the graduate program director.

Accelerated Admissions Option: This program offers an [accelerated admission](#) option for undergraduate students currently enrolled at Appalachian State University.

Location: On Campus

Additional Information about Standardized Exam Waiver Eligibility

Any standardized exam waiver for a graduate degree program at Appalachian State requires that applicants hold a minimum cumulative undergraduate GPA of 3.0 or higher in their last earned degree (undergraduate or graduate; some programs have established higher GPA requirements). No exam waiver is automatic but will require review and approval by the Graduate School upon submission of a complete application. An approved waiver request does not guarantee acceptance into the program. A denied waiver request does not mean that a candidate is denied admission to the program, only that a standardized exam score is needed to more fully evaluate the application. Standardized test scores may be required for scholarship consideration.

Course Requirements for the Master of Science in Biology

Total Required (Minimum 33 Hours)

Required Courses (8 or 12 Hours)

- [BIO 5000 - Bibliography and Research \(4\)](#)
- [BIO 5999 - Thesis \(4 or 8\)](#)

Concentration Requirements (21 or 25 Hours)

- [BIO 5115 - Current Topics in Cell and Molecular Biology \(3\)](#)
- 14-19 hours of graduate elective courses chosen in consultation with the major advisor

One of the Following Courses

- [BIO 5650 - Bioinformatics \(4\)](#)
- [BIO 5777 - Biostatistics \(4\)](#)

Other Requirements for the MS in Biology

- **Thesis:** Required
- **Proficiency:** Not required
- **Candidacy:** Required; awarded upon approval of thesis committee and prospectus
- **Comprehensive:** A written comprehensive examination and an oral defense of the thesis
- **Product of Learning:** Not required

[Skip to Content](#)

2020-2021 Graduate Bulletin
Appalachian State University

English – [Teaching Literature and Writing Concentration, MA](#)

Program Code: MA_232E

CIP Code: 23.0101

Program of Study for the Master of Arts in English

Admission Requirements: Baccalaureate degree* from an accredited college or university; **complete application to the Graduate School**; official general GRE exam scores; statement of intent; writing sample.

*An applicant who does not have an undergraduate degree in English but who has exceptional qualifications should contact the Director of Graduate Studies in the Department of English.

To be considered for admission, applicants must meet the **criteria for admission to the Graduate School**. Meeting this condition does not guarantee admission.

Accelerated Admission Option: This program offers an **accelerated admission** option for undergraduate students currently enrolled at Appalachian State University.

Location: On Campus

Course Requirements for the Master of Arts in English

Total Required (Minimum 36 Hours)

Required Courses (6 Hours)

- [ENG 5000 - Bibliography and Research \(3\)](#)
- [R C 5100 – Composition Theory, Practice, and Pedagogy \(3\)](#)

Concentration Requirements (23 Hours)

- [ENG 5150 - Teaching Literature \(3\)](#)
- [ENG 5160 - Teaching Apprenticeship \(1\)](#) (1+1=2)
- [ENG 5200 - Issues in Teaching English \(3\)](#)
- [R C 5300 – Studies in Rhetoric and Composition \(3\)](#)
- [R C 5400 – Rhetorical Theory \(3\)](#)
- [9 hours of literature courses chosen with approval of the graduate director – selection must cover three national literatures, of which at least 3 hours should be in a period prior to 1789 \(for British\) or 1900 \(for American\), predominantly not in translation.](#)

Deleted: -

Deleted: College Teaching

Deleted: B

Deleted: Required Courses (18 Hours)

ENG 5000 - Bibliography and Research (3)
15 hours of approved ENG graduate courses (9 hours in British Literature and 6 hours in American Literature)

Deleted: 18

Deleted: **R C 5100 - Composition Theory, Practice, and Pedagogy (3)**

Formatted: Font: Bold, Font color: Auto

Formatted: Font: Bold

Formatted: Font: Bold

Formatted: Font: Bold

Formatted: No underline, Font color: Text 1

Electives (7 Hours)

- [7 hours of additional graduate electives chosen with approval of the graduate director; courses from other disciplines must be approved in advance.](#)

Formatted: Outline numbered + Level: 1 + Numbering
Style: Bullet + Aligned at: 0.25" + Tab after: 0.5" + Indent at: 0.5"

Other Requirements for the MA in English

- **Thesis:** [Optional](#).
- **Proficiency:** Required for the [Literary Studies](#) Concentration; reading knowledge of a foreign language demonstrated by transcript evidence of two years undergraduate study of a foreign language or by examination arranged in the Department of Languages, Literatures and Cultures.
- **Candidacy:** Required; see the program director for specific timeline and requirements.
- **Comprehensive:** Presentation of teaching portfolio required for the [Teaching Literature and Writing](#) Concentration. See the program director regarding portfolio requirements.
- **Product of Learning:** [Not required.](#)

Deleted: <#>Choose From the Following (7 Hours)¶

other courses related to writing, literature or teaching may be selected with approval of the graduate advisor.¶

R C 5120 - Teaching in the Writing Center (1)¶

R C 5121 - Teaching Basic Writing (1)¶

R C 5122 - Teaching Expository Writing (1)¶

R C 5124 - Teaching Writing Across the Curriculum (1)¶

R C 5300 - Studies in Rhetoric and Composition (3)¶

H E 5635 - Adult Development and Learning Theories (3)¶

H E 5050 - Designing Adult Learning Experiences Using Technology (3)¶

ENG 5998 - Thesis Preparation (3) - counts only if thesis is also completed¶

ENG 5999 - Thesis (3-6)¶

Formatted: Font: Bold, Font color: Text 1

Deleted: Required

Deleted: for the General English Concentration and the Rhetoric and Composition Concentration; optional elective for the College Teaching Concentration.

Deleted: General English

Deleted: Comprehensive

Deleted: College

Deleted: Product of Learning: Not required

Formatted: Indent: Left: 0.5", No bullets or numbering

English – Literary Studies Concentration, MA

Deleted: -
Deleted: General English
Deleted: C

Program Code: MA_232F
CIP Code: 23.0101

Program of Study for the Master of Arts in English

Admission Requirements: Baccalaureate degree* from an accredited college or university; [complete application to the Graduate School](#); official general GRE exam scores; statement of intent; writing sample.

*An applicant who does not have an undergraduate degree in English but who has exceptional qualifications should contact the Director of Graduate Studies in the Department of English.

To be considered for admission, applicants must meet the [criteria for admission to the Graduate School](#).

Meeting this condition does not guarantee admission.

Accelerated Admission Option: This program offers an [accelerated admission](#) option for undergraduate students currently enrolled at Appalachian State University.

Location: On Campus

Course Requirements for the Master of Arts in English

Total Required (Minimum 36 Hours)

Required Courses (6 Hours)

Deleted: 18

- [ENG 5000 - Bibliography and Research \(3\)](#)
- [R C 5100 – Composition Theory, Practice, and Pedagogy \(3\)](#)

Deleted: 15 hours of approved ENG graduate courses (9 hours in British Literature and 6 hours in American Literature)

Concentration Requirements (18 Hours)

- [British literature \(6 hours\) – 3 hours in early \(pre-1789\) literature and 3 hours in later \(post-1789\) literature](#)
- [American literature \(6 hours\) – 3 hours in early \(pre-1900\) literature and 3 hours in later \(post-1900\) literature](#)
- [World literature \(3 hours\) – Choose from ENG 5910 – World Literature \(3\) or ENG 5930 – Transnational Literature \(3\)](#)
- [Theory \(3 hours\) – Choose from ENG 5600 – Literary Criticism and Theory \(3\), ENG 5640 – Cultural Studies \(3\), or ENG 5650 – Gender Studies \(3\)](#)

Formatted: Font: Not Bold

Formatted: Font: Not Bold

Formatted: Font: Not Bold

Electives (6 Hours)

- [6 hours of additional graduate electives chosen with approval of the graduate director; courses from other disciplines must be approved in advance.](#)

Formatted: List Paragraph, Bulleted + Level: 1 + Aligned at: 0.25" + Indent at: 0.5"

Formatted: Font: Bold

Culminating Project: Thesis or Capstone (6 Hours)

- [Thesis option: ENG 5998 – Thesis Preparation \(3\) and ENG 5999 – Thesis \(3\)](#)

- **Capstone option: ENG 5990 – Capstone in English (3) and 3 additional hours of graduate electives with approval of the graduate director; courses from other disciplines must be approved in advance.**

Formatted: List Paragraph, Bulleted + Level: 1 + Aligned at: 0.25" + Indent at: 0.5"

Formatted: Font: Bold

Deleted: **ENG 5998 - Thesis Preparation (3)**

Other Requirements for the MA in English

Deleted: **ENG 5999 - Thesis (3-6)**
12 hours of additional graduate ENG electives chosen with approval of the graduate advisor; courses from other disciplines must be approved in advance.

- **Thesis:** Optional.
- **Proficiency:** Required for the Literary Studies Concentration; reading knowledge of a foreign language demonstrated by transcript evidence of two years undergraduate study of a foreign language or by examination arranged in the Department of Languages, Literatures and Cultures.
- **Candidacy:** Required; see the program director for specific timeline and requirements.
- **Comprehensive:** Presentation of teaching portfolio required for the Teaching Literature and Writing Concentration. See the program director regarding portfolio requirements.
- **Product of Learning:** Not required.

Deleted: Required

Deleted: General English

Deleted: **Comprehensive**

Deleted: College

Deleted: ¶

Deleted: **Product of Learning:** Not required

[Skip to Content](#)

2020-2021 Graduate Bulletin
Appalachian State University

English - Rhetoric and Composition Concentration, MA

Program Code: MA_232D

CIP Code: 23.0101

Program of Study for the Master of Arts in English

Admission Requirements: Baccalaureate degree* from an accredited college or university; **complete application to the Graduate School**; official general GRE exam scores; statement of intent; writing sample.

*An applicant who does not have an undergraduate degree in English but who has exceptional qualifications should contact the Director of Graduate Studies in the Department of English.

To be considered for admission, applicants must meet the **criteria for admission to the Graduate School**. Meeting this condition does not guarantee admission.

Accelerated Admission Option: This program offers an **accelerated admission** option for undergraduate students currently enrolled at Appalachian State University.

Location: On Campus

Course Requirements for the Master of Arts in English

Total Required (Minimum 36 Hours)

Required Courses (6 Hours)

- [ENG 5000 - Bibliography and Research \(3\)](#)
- [R C 5100 – Composition Theory, Practice, and Pedagogy \(3\)](#)

Concentration Requirements (15 Hours)

- [R C 5300 - Studies in Rhetoric and Composition \(3\)](#)
- [R C 5400 – Rhetorical Theory \(3\)](#)
- [R C 5410 - Digital and Visual Rhetorics \(3\)](#)
- [ENG 5520 – Technical Writing \(3\)](#)
- [3 additional hours of theory \(choose one\): ENG 5600 – Literary Criticism and Theory \(3\), ENG 5640 – Cultural Studies \(3\), or ENG 5650 – Gender Studies \(3\)](#)

Electives (9 Hours)

Deleted: 18

Deleted: 15 hours of approved ENG graduate courses (9 hours in British Literature and 6 hours in American Literature)

Deleted: 18

Deleted: <#>R C 5100 - Composition Theory, Practice, and Pedagogy (3)

¶
¶

Formatted: Font: Not Bold, No underline

Formatted: Font: Bold

Deleted: ¶
OR

Deleted: ¶

Deleted: ¶

Deleted: R C 5400 - Rhetorical Theory (3)

Deleted: <#>ENG 5998 - Thesis Preparation (3)
ENG 5999 - Thesis (3-6) (3) (on a topic in the field of Rhetoric and Composition)

Deleted: Choose from the Following

Deleted: 3

- 9 hours of additional graduate electives chosen with approval of the graduate director; courses from other disciplines must be approved in advance.

Culminating Project: Thesis or Capstone (6 Hours)

- Thesis option: ENG 5998 - Thesis Preparation (3) and ENG 5999 – Thesis (3)
- Capstone option: R C 5990 – Capstone in Rhetoric and Composition (3) and 3 additional hours of graduate electives with approval of the graduate director; courses from other disciplines must be approved in advance.

Other Requirements for the MA in English

- Thesis: Optional
- **Proficiency:** Required for the Literary Studies Concentration; reading knowledge of a foreign language demonstrated by transcript evidence of two years undergraduate study of a foreign language or by examination arranged in the Department of Languages, Literatures and Cultures.
- **Candidacy:** Required; see the program director for specific timeline and requirements
- Comprehensive: Presentation of teaching portfolio required for the Teaching Literature and Writing Concentration. See the program director regarding portfolio requirements
- Product of Learning: Not required

Deleted: <#>R C 5120 - Teaching in the Writing Center (1)¶
 R C 5121 - Teaching Basic Writing (1)¶
 R C 5122 - Teaching Expository Writing (1)¶
 R C 5124 - Teaching Writing Across the Curriculum (1)¶
 R C 5510 - Graduate Writing Workshop (1)

Formatted: Font: Bold
 Formatted: Font: Bold
 Formatted: Font: Bold
 Formatted: No bullets or numbering
 Formatted: List Paragraph, Bulleted + Level: 1 + Aligned at: 0.25" + Indent at: 0.5"
 Formatted: Font: Bold, Font color: Text 1

Deleted: Required

Deleted: for the General English Concentration and the Rhetoric and Composition Concentration; optional elective for the College Teaching Concentration.

Deleted: General English

Deleted: Comprehensive

Deleted: College

Deleted: ¶

Deleted: Product of Learning: Not required

Geographic Information Science Graduate Certificate

Program Code: GCERT_114A

CIP Code: 45.0701

Program of Study for the Graduate Certificate in Geographic Information Science

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete application to the Graduate School](#); official GRE general exam scores; cover letter (not to exceed two pages) stating reasons why applicant wishes to enter the program.

To be considered for admission, applicants must meet the [criteria for admission to the Graduate School](#). The faculty will give preference to applicants who meet or exceed the following: An undergraduate GPA at or above a 3.0 on a 4.0 scale and at least one score on the GRE (V, Q, or A) at or above the 50th percentile. Meeting these criteria does not guarantee admission.

Location: On Campus

Course Requirements for the Graduate Certificate in Geographic Information Science

Total Required (Minimum 12 Hours)

Required Courses (12 Hours)

If a student has proficiency in one of the required courses and is exempted by the program director, an equivalent GIScience course may be substituted.

- [GHY 5150 - Seminar in GIScience \(3\)](#)
- [GHY 5810 - Digital Image Processing \(3\)](#)
- [GHY 5812 - Advanced GIS \(3\)](#)

Choose One (3 Hours)

- [C S 5245 - Data Programming \(3\)](#)
 - [GHY 5816 - GIScience and Water Resources \(3\)](#)
- ADD = GHY 5818: Web Mapping**
ADD = GHY 5815: GIS Programming and Databases (new course)

Dual Degree in Master of Arts in Political Science American Government Concentration AND Master of Science in Applied Data Analytics-Interdisciplinary Concentration

Program codes: MA_267C MS_304D
CIP Codes: 45.1001 and 11.0802

Program of Study for the Master of Arts in Political Science – American Government Concentration and the Master of Science Applied Data Analytics – Interdisciplinary Concentration

Admission Requirements: Baccalaureate degree from an accredited college or university; complete application to the Graduate School; official general GMAT or GRE exam scores, *unless waived*.

Additional MSADA Requirements: Evidence of knowledge in statistics, economics, and domain specific knowledge for the concentration through course work, work experience or completion of the accelerated prerequisite program before taking graduate course work in those subjects.

To be considered for admission, applicants must meet the criteria for admission to the Graduate School. Meeting these criteria does not guarantee acceptance.

Location: On Campus

Course Requirements for the Dual Degree in Master of Arts (MA) in Political Science-American Government Concentration AND Master of Science in Applied Data Analytics (MS) Interdisciplinary Concentration

Total Required (Minimum 54 Hours)

MSADA Required Courses (21 hours)

CIS 5685	Programming for Business analytics	OR	CS 5245 Data Programming (3)
CIS 5630	Data Management (3)		
CIS 5450	Project Management and Visualization (3)		
MBA 5660	Web Analytics, Data Privacy, and Security (3)		
CIS 5845	Unstructured Data Analytics (3)		
MBA 5820	Executive Skills (0)		

Take any two of the following three courses (6 hours):

ECO 5720	Applied Econometrics (3)
ECO 5740	Forecasting and Time Series Models (3)
PSY 5050	Advanced Quantitative Methods (3)

MAPS Required Courses (12 hours)

PS 5001	Scope and Method (3)
PS 5030	Seminar in American Government and Politics (3)
PS5150	Seminar in Public Policy (3)

Select one of the following courses (3 hours)

P S 5010	Seminar in Political Philosophy (3)
P S 5020	Pro-Seminar in International Relations (3)
P S 5040	Pro-Seminar in Comparative Politics (3)
P S 5670	Advanced Environmental Politics (3)

Shared Required Courses (6 or 9 hours)

Choose one of the following (3 hours):

PS 5002	Research Methods and Statistics (3), OR
MBA 5200	Problem Analysis and Quantitative Methods (3)

Internship or Thesis (3 or 6 hours)

PS 5900	Internship in Public Affairs (3-6) (3 or 6 hours), with analytics focus , OR
PS 5998	Thesis Preparation (3) and PS 5999 Thesis (3) with analytics focus , when appropriate, with permission of the graduate program directors.

Elective Courses (12 or 15 hours)

Graduate electives approved by MSADA and MPA directors. Students are required to work with both program directors each semester to determine appropriate program of study and course scheduling.

MSADA Differential Tuition: Students enrolled in the dual degree will pay an additional tuition amount above the regular tuition assessed for graduate students on those courses that satisfy the requirements of the MS degree. For more information about differential tuition, please refer to <http://studentaccounts.appstate.edu/tuition-and-fees>

Other Requirements:

Thesis: Optional

Proficiency: MAPS students must demonstrate a proficiency in reading a foreign language or quantitative analysis as a research tool. The department may determine the proficiency required. Not required for MSADA students.

Candidacy: Required for MAPS students following the thesis option; awarded upon approval of thesis committee and prospectus. Required for MSADA students.

Comprehensive: Required for MAPS students: During their last semester of coursework, candidates must submit an ePortfolio and earn a passing grade. Not required for MSADA students.

Product of Learning: Not required.

Dual Degree in Master of Arts in Political Science- International Relations/Comparative Politics Concentration AND Master of Science in Applied Data Analytics-Interdisciplinary Concentration

Program codes: MA_267E MS_304D

CIP Codes: 45.1001 and 11.0802

Program of Study for the Master of Arts in Political Science – International Relations/
Comparative Politics Concentration and Master of Science Applied Data Analytics –
Interdisciplinary Concentration

Admission Requirements: Baccalaureate degree from an accredited college or university; complete application to the Graduate School; official general GMAT or GRE exam scores, *unless waived*.

Additional MSADA Requirements: evidence of knowledge in statistics, economics, and domain specific knowledge for the concentration through course work, work experience or completion of the accelerated prerequisite program before taking graduate course work in those subjects.

To be considered for admission, applicants must meet the criteria for admission to the Graduate School. Meeting these criteria does not guarantee acceptance.

Location: On Campus

**Course Requirements for the Dual Degree in Master of Arts (MA) in Political Science-
International Relations/Comparative Politics Concentration AND Master of Science in Applied
Data Analytics (MS) Interdisciplinary Concentration**

Total Required (Minimum 54 Hours)

MSADA Required Courses (21 hours)

CIS 5685	Programming for Business analytics	OR	CS5245	Data Programming (3)
CIS 5630	Data Management (3)			
CIS 5450	Project Management and Visualization (3)			
MBA 5660	Web Analytics, Data Privacy, and Security (3)			
CIS 5845	Unstructured Data Analytics (3)			
MBA 5820	Executive Skills (0)			

Take any two of the following three courses (6 hours):

ECO 5720	Applied Econometrics (3)
ECO 5740	Forecasting and Time Series Models (3)
PSY 5050	Advanced Quantitative Methods (3)

MAPS Required Courses (12 hours)

PS 5001	Scope and Methods (3)
PS 5020	Pro-Seminar in International Relations (3)
PS 5040	Pro-Seminar in Comparative Politics (3)

Select one of the following courses (3 hours):

P S 5010	Seminar in Political Philosophy (3)
P S 5030	Seminar in American Government and Politics (3)
P S 5150	Seminar in Public Policy (3)
P S 5670	Advanced Environmental Politics (3)

Shared Required Courses (6 or 9 hours)

Choose ONE of the following:

PS 5002	Research Methods and Statistics (3), OR
MBA 5200	Problem Analysis and Quantitative Methods (3)

Internship or Thesis (3 or 6 hours)

PS 5900	Internship in Public Affairs (3-6) (3 or 6 hours) with analytics focus , OR
PS 5998	Thesis Preparation (3) and PS 5999 Thesis (3) with analytics focus , when appropriate, with permission of the graduate program directors.

Elective Courses (12 or 15 hours)

Graduate Electives approved by MSADA and MPA directors. Students are required to work with both program directors each semester to determine appropriate program of study and course scheduling.

MSADA Differential Tuition: Students enrolled in the dual degree will pay an additional tuition amount above the regular tuition assessed for graduate students on those courses that satisfy the requirements of the MS degree. For more information about differential tuition, please refer to <http://studentaccounts.appstate.edu/tuition-and-fees>

Other Requirements:

Thesis: Optional

Proficiency: MAPS students must demonstrate a proficiency in reading a foreign language or quantitative analysis as a research tool. The department may determine the proficiency required. Not required for MSADA students.

Candidacy: Required for MAPS students following the thesis option; awarded upon approval of thesis committee and prospectus. Required for MSADA students.

Comprehensive: Required for MAPS students: During their last semester of coursework, candidates must submit an ePortfolio and earn a passing grade. Not required for MSADA students.

Product of Learning: Not required.

Dual Degree in Master of Arts in Political Science- Environmental Politics and Policy Analysis Concentration AND Master of Science in Applied Data Analytics-Sustainability Analytics Concentration

Program codes: MA_267F MS_304C

CIP Codes: 45.1001 and 11.0802

Program of Study for the Master of Arts in Political Science – Environmental Politics and Policy Analysis Concentration and Master of Science Applied Data Analytics – Sustainability Analytics Concentration

Admission Requirements: Baccalaureate degree from an accredited college or university; complete application to the Graduate School; official general GMAT or GRE exam scores, *unless waived*.

Additional MSADA Requirements: evidence of knowledge in statistics, economics, and domain specific knowledge for the concentration through course work, work experience or completion of the accelerated prerequisite program before taking graduate course work in those subjects.

To be considered for admission, applicants must meet the criteria for admission to the Graduate School. Meeting these criteria does not guarantee acceptance.

Location: On Campus

**Course Requirements for the Dual Degree in Master of Arts (MA) in Political Science- Environmental Politics and Policy Analysis Concentration AND
Master of Science in Applied Data Analytics (MS) Sustainability Analytics Concentration**

Total Required (Minimum 54 Hours)

MSADA Required Courses (21 hours)

CIS 5685	Programming for Business analytics OR CS5245 Data Programming (3)
CIS 5630	Data Management (3)
CIS 5450	Project Management and Visualization (3)
MBA 5660	Web Analytics, Data Privacy, and Security (3)
CIS 5845	Unstructured Data Analytics (3)
MBA 5820	Executive Skills (0)

Take any two of the following three courses (6 hours):

ECO 5720	Applied Econometrics (3)
ECO 5740	Forecasting and Time Series Models (3)
PSY 5050	Advanced Quantitative Methods (3)

MAPS Required Courses (18 hours)

PS 5001	Scope and Methods (3)
PS5670	Advanced Environmental Politics (3)
ECO5621	Environmental Economics and Policy (3)
ECO5660	Benefit-Cost Analysis (3)
PA5180	Public Policy Analysis and Program Evaluation (3)

Select one from the following courses (3 hours):

P A 5060	Seminar in Public Administration (3)
P S 5010	Seminar in Political Philosophy (3)
P S 5020	Pro-Seminar in International Relations (3)
P S 5030	Seminar in American Government and Politics (3)
P S 5040	Pro-Seminar in Comparative Politics (3)
P S 5150	Seminar in Public Policy (3)
P S 5330	Problems in State and Local Government (3)
P S 5675	Readings and Research in Environmental Policy (3)

Shared Required Courses (6 or 9 hours)

Choose one of the following (3 hours):

PS5002	Research Methods and Statistics (3), OR
MBA5200	Problem Analysis and Quantitative Methods (3)

Internship or Thesis (3 or 6 hours):

PS 5900	Internship in Public Affairs (3-6) (3 or 6 hours) with analytics focus, OR
PS 5998	Thesis Preparation (3) and PS 5999 Thesis (3) with analytics focus , when appropriate, with permission of the graduate program directors.

Elective Courses (6 or 9 hours)

Graduate Electives approved by MSADA and MAPS directors. Students are required to work with both program directors each semester to determine appropriate program of study and course scheduling.

MSADA Differential Tuition: Students enrolled in the dual degree will pay an additional tuition amount above the regular tuition assessed for graduate students on those courses that satisfy the requirements of the MS degree. For more information about differential tuition, please refer to <http://studentaccounts.appstate.edu/tuition-and-fees>

Other Requirements:

Thesis: Optional

Proficiency: MAPS students must demonstrate a proficiency in reading a foreign language or quantitative analysis as a research tool. The department may determine the proficiency required. Not required for MSADA students.

Candidacy: Required for MAPS students following the thesis option; awarded upon approval of thesis committee and prospectus. Required for MSADA students.

Comprehensive: Required for MAPS students: During their last semester of coursework, candidates must submit an ePortfolio and earn a passing grade. Not required for MSADA students.

Product of Learning: Not required.

Note: This is applicable to all five concentrations. Only change is for the core classes.

Supply Chain Analytics - MS_304B

Sustainability Analytics - MS_304C

Interdisciplinary Analytics - MS_304D

Marketing Analytics - MS_304E

Health Care Analytics - MS_304F

Program of Study for the Master of Science in Applied Data Analytics

Course Requirements for the Master of Science in Applied Data Analytics

Total Required (Minimum 36 Hours)

Required Courses (27 Hours)

Core Courses (24 Hours)

- [CIS 5450 - Project Management and Visualization \(3\)](#)
- [CIS 5630 - Data Management \(3\)](#)
- [CIS 5845 - Unstructured Data Analytics \(3\)](#)

- [CIS 5685 - Programming for Business Analytics \(3\)](#)
- OR
- [C S 5245 - Data Programming \(3\)](#)

Take any two of the following three courses:

- [ECO 5720 - Applied Econometrics \(3\)](#)
- [ECO 5740 - Forecasting and Time Series Models \(3\)](#)
- [PSY 5050 - Advance Quantitative Methods \(3\)](#)

- [MBA 5200 - Problem Analysis and Quantitative Methods \(3\)](#)
- OR
- [PSY 5030 - Quantitative Methods in Psychology \(3\)](#)

- [MBA 5660 - Web Analytics, Data Privacy and Security \(3\)](#)
- [MBA 5820 - Executive Skills \(0\)](#)

Thesis or Non-Thesis Option (3 Hours)

- [MBA 5999 - Thesis \(1-6\)](#) (3 Hours)
- [CIS 5860 - Applied Analytics Project \(1-6\)](#) (3 Hours)

Applies to all three dual degree programs MSADA with MPA

1. Applied Data Analytics - Interdisciplinary Concentration, MS and Public Administration - Not-for-Profit Management Concentration, MPA
Program codes: MS_304D and MPA_279F
2. Applied Data Analytics - Interdisciplinary Concentration, MS and Public Administration - Public Management Concentration, MPA
Program Codes: MS_304D and MPA_279B
3. Applied Data Analytics - Interdisciplinary Concentration, MS and Public Administration - Town, City and County Management Concentration, MPA
4.
Program Codes: MS_304D and MPA_279C

Course Requirements for the Dual Master of Science in Applied Data Analytics and Master of Public Administration

Total Required (Minimum 60 Hours)

MS in Applied Data Analytics Required Courses (24 Hours)

- [CIS 5450 - Project Management and Visualization \(3\)](#)
- [CIS 5630 - Data Management \(3\)](#)
- [CIS 5685 - Programming for Business Analytics \(3\)](#)
OR
- [C S 5245 - Data Programming \(3\)](#)
- [CIS 5845 - Unstructured Data Analytics \(3\)](#)
- Take any two of the following three courses:
 - [ECO 5720 - Applied Econometrics \(3\)](#)
 - [ECO 5740 - Forecasting and Time Series Models \(3\)](#)
 - PSY 5050 - Advance Quantitative Methods (3)
- [MBA 5200 - Problem Analysis and Quantitative Methods \(3\)](#)

- OR
- [PSY 5030 - Quantitative Methods in Psychology \(3\)](#)
- [MBA 5660 - Web Analytics, Data Privacy and Security \(3\)](#)
- [MBA 5820 - Executive Skills \(0\)](#)

Applies to

Applied Data Analytics - Interdisciplinary Analytics Concentration, MS and Business Administration - Interdisciplinary Business Concentration, MBA

Program Codes: MS_304D and MBA_305G

Course Requirements for the Dual Master of Science in Applied Data Analytics and Master of Business Administration

Total Required (Minimum 54 Hours)

MS Applied Data Analytics Required Courses (24 hours)

- [CIS 5450 - Project Management and Visualization \(3\)](#)
- [CIS 5630 - Data Management \(3\)](#)

- [CIS 5685 - Programming for Business Analytics \(3\)](#)
- OR
- [C S 5245 - Data Programming \(3\)](#)

- [CIS 5845 - Unstructured Data Analytics \(3\)](#)
- [CIS 5860 - Applied Analytics Project \(1-6\)](#)

Take any two of the following three courses:

- [ECO 5720 - Applied Econometrics \(3\)](#)
- [ECO 5740 - Forecasting and Time Series Models \(3\)](#)
- [PSY 5050 - Advance Quantitative Methods \(3\)](#)
-
- [MBA 5660 - Web Analytics, Data Privacy and Security \(3\)](#)

Applies to

Applied Data Analytics - Interdisciplinary Concentration, MS and Industrial-Organizational Psychology and Human Resource Management, MA

Program Codes: MS_304D and MA_258A

Course Requirements for the Dual Master of Science in Applied Data Analytics and Master of Arts in Industrial-Organizational Psychology and Human Resource Management

Total Required (Minimum 69 Hours)

MS in Applied Data Analytics Required Coures (21 Hours)

- [CIS 5450 - Project Management and Visualization \(3\)](#)
- [CIS 5630 - Data Management \(3\)](#)
-
- [CIS 5685 - Programming for Business Analytics \(3\)](#)
- OR
- [C S 5245 - Data Programming \(3\)](#)
-
- [CIS 5845 - Unstructured Data Analytics \(3\)](#)

- [Take any two of the following three courses:](#)
- [ECO 5720 - Applied Econometrics \(3\)](#)
- [ECO 5740 - Forecasting and Time Series Models \(3\)](#)
- [PSY 5050 - Advance Quantitative Methods \(3\)](#)

- [MBA 5660 - Web Analytics, Data Privacy and Security \(3\)](#)
- [MBA 5820 - Executive Skills \(0\)](#)

Applies to

Engineering Physics - Systems and Laboratory Automation Concentration, MS and
Applied Data Analytics - Interdisciplinary Analytics Concentration, MS

Program Codes: MS_113B and MS_304D

Course Requirements for the Dual Master of Science in Engineering Physics/Systems and Laboratory Automation Concentration and the Master of Science in Applied Data Analytics/Interdisciplinary Analytics Concentration

Total Required (Minimum 54 Hours)

MS in Engineering Physics Required Courses (18 Hours)

- [PHY 5330 - Digital Electronics \(4\)](#)
- [PHY 5405 - Graduate Seminar \(1\)](#)
- [PHY 5730 - Analog Systems \(4\)](#)

Choose One (3 Hours)

- [PHY 5500 - Independent Study \(1-4\)](#) (1+1+1=3)
- [PHY 5900 - Internship \(1-12\)](#) (1+1+1=3)

Electives (6 Hours)

6 hours of graduate electives with approval from Engineering Physics graduate program director

MS in Applied Data Analytics (18 Hours)

- [CIS 5630 - Data Management \(3\)](#)
- [CIS 5845 - Unstructured Data Analytics \(3\)](#)
- [Take any two of the following three courses:](#)
- [ECO 5720 - Applied Econometrics \(3\)](#)
- [ECO 5740 - Forecasting and Time Series Models \(3\)](#)
- [PSY 5050 - Advance Quantitative Methods \(3\)](#)

- [MBA 5200 - Problem Analysis and Quantitative Methods \(3\)](#)
- [OR](#)
- [PSY 5030 - Quantitative Methods in Psychology \(3\)](#)

Choose One (3 Hours)

- [CIS 5860 - Applied Analytics Project \(1-6\)](#) (3 Hours)
- [MBA 5999 - Thesis \(1-6\)](#) (3 Hours)

Birth through Kindergarten Graduate Certificate

Program Code: GCERT_719A

CIP Code: 13.1209

Learn more about the [Department of Family and Child Studies](#).

Program of Study for the Graduate Certificate in Birth through Kindergarten

Admission Requirements: Baccalaureate degree [in approved field with relevant coursework in the area of study](#) from an accredited college or university; **complete application to the Graduate School**.

Note: Upon completion of this certificate students will be eligible to apply for NC Birth through Kindergarten (BK) licensure.

To be considered for admission, applicants must meet the **criteria for admission to the Graduate School**. Meeting this condition does not guarantee admission.

Location: Online

Course Requirements for the Graduate Certificate in Birth through Kindergarten

Total Required (~~19~~ 21 Hours)

Required Courses (~~19~~ 21 Hours)

FCS 5010 - Evidence-Based Practice in Early Childhood Education (3)

FCS 5100 - Application and Theories of Child Development (3)

FCS 5111 - Advanced Developmental Assessment and Program Evaluation for Children (3)

FCS 5112 - Advanced Developmental Curriculum and Instruction for Young Children (3)

FCS 5140 - Family-Professional Partnerships in Birth Through Kindergarten Education (3)

FCS 5400 - edTPA Preparation (13)

EDU 5900 - Graduate Student Teaching (3)

School Administration, MSA

Program Code: MSA_433A

CIP Code: 13.0409

Program of Study for the Master of School Administration

Admission Requirements:

Baccalaureate degree from an accredited college or university; complete application to the Graduate School; official general GRE or MAT exam scores (not to exceed 5yrs), unless waived; minimum of three years of public school teaching experience or equivalent experience in other settings (e.g., private school teaching; training in the private sector; etc.); and proof of North Carolina "A" or "M" licensure or the equivalent from another state.

~~Baccalaureate degree from an accredited college or university; **complete application to the Graduate School**; official general GRE or MAT exam scores, unless waived.~~

To be considered for admission, applicants must meet the **criteria for admission to the Graduate School**. Meeting the minimum qualifying score does not guarantee admission, only consideration for unconditional admission.

Standardized Exam Waiver Eligibility: The standardized exam (GRE or MAT) requirement may be waived for applicants with:

an undergraduate GPA of 3.1 or higher **OR**

who have five or more years of professional experience in K-12 education.

Location: Online

Additional Information about Standardized Exam Waiver Eligibility

Any standardized exam waiver for a graduate degree program at Appalachian State requires that applicants hold a minimum cumulative undergraduate GPA of 3.0 or higher in their last earned degree (undergraduate or graduate; some programs have established higher GPA requirements). No exam waiver is automatic but will require review and approval by the Graduate School upon submission of a complete application. An approved waiver request does not guarantee acceptance into the program. A denied waiver request does not mean that a candidate is denied admission to the program, only that a standardized exam score is needed to more fully evaluate the application. Standardized test scores may be required for scholarship consideration.

Course Requirements for the Master of School Administration

Total Required (Minimum 36 Hours)

Required Courses (33 Hours)

Leadership Practice and Theory

LSA 5030 - The Principalship (3)

LSA 5400 - Developing and Managing Resources in Schools (3)

LSA 5600 - School Law (3)

LSA 5650 - Ethical and Humane Dimensions of Educational Leadership (3)

Theory and Philosophy

LSA 5820 - Theory and Development in Educational Organizations (3)

FDN 5840 - Social and Philosophical Foundations of Education (3)

Research and Data-Informed Decision-Making

RES 5000 - Research Methods (3)

RES 5070 - School-Based Evaluation and School Improvement Planning (3)

RES 5080 - Data-Driven School Leadership (3)

[LSA 5575 - Leadership for School Improvement \(3\)](#)

Application and Practice (9 Hours)

[\(Required internship of 9 total credit hours\)](#)

Select one of the following in consultation with advisor:

LSA 5900 - School Administration and Supervision Internship/Practicum (3-

6) (3+3+3) ([This course is restricted to students who are not currently employed in a public school district](#)~~for pre-service students~~)

LSA 5910 - Building-Level Action Research Leadership Evidences (3) (3+3+3) ([This course is restricted to students who are currently employed in a K-12 public school district](#)~~for in-service students~~)

Electives (3 Hours)

Off-campus cohorts are limited in their selection of electives to those scheduled to be provided at the off-site location. For specific electives to be offered, please contact the program director.

Select 3 hours from the following; other elective options are possible with the recommendation of the graduate advisor/coordinator and the approval of the department chair.

C I 5050 - Cultivating, Supporting, and Sustaining Excellence in Teaching (2-3)

C I 5055 - Designing Student-Centered Curriculum and Instruction (3)

C I 5060 - Curriculum Planning (2-3)

C I 5230 - Studies in Applied Instructional Strategies (3)

C I 5585 - Teacher Leadership and School Improvement (3)

or

LSA 5585 - Teacher Leadership and School Improvement (3)

FDN 5801 - Education of the Culturally Diverse (3)

ITC 5220 - Digital Technologies in Education (3)

LSA 5800 - Critical Inquiry and Thought in Educational Leadership (3)

LSA 5850 - Politics and Public Policy Analysis for Educational Leadership (3)

LSA 5999 - Thesis (3-6)

Other Requirements for the MSA

Thesis: Optional

Proficiency: Not required

Candidacy: Required; see the program director for specific timeline and requirements
admission to candidacy

Comprehensive: ~~Required~~ [Portfolio required; see the program director for specific instructions](#)

Product of Learning: Not required

School Leadership Graduate Certificate

Program Code: GCERT_473A

CIP Code: 13.0409

Program of Study for the Graduate Certificate in School Leadership

This certificate leads to the North Carolina Level I Administrator License (012)

Admission Requirements:

[Baccalaureate and Master's degree or Terminal degree from an accredited college or university; complete application to the Graduate School;](#)
[minimum of three years of public school teaching experience or equivalent experience in other settings \(e.g., private school teaching; training in the private sector; etc.\); and proof of North Carolina "A" or "M" licensure or the equivalent from another state.](#)

~~Baccalaureate and Master's degrees from an accredited college or university; **complete application to the Graduate School.**~~

To be considered for admission, applicants must meet the **criteria for admission to the Graduate School**. Meeting the minimum qualifying score does not guarantee admission, only consideration for unconditional admission.

Note: A comprehensive examination is required to be eligible for principal licensure; see the program director for more information.

Course Requirements for the Graduate Certificate in School Leadership

Total Required (Minimum 24 Hours)

Required Courses (24 Hours)

Leadership Practice and Theory

- **LSA 5030 - The Principalship (3)**
- **LSA 5400 - Developing and Managing Resources in Schools (3)**
- **LSA 5600 - School Law (3)**

Theory and Philosophy

- **LSA 5820 - Theory and Development in Educational Organizations (3)**

Research and Data-Informed Decision-Making

- ~~**RES 5070 - School-Based Evaluation and School Improvement Planning (3)**~~
- ~~**RES 5080 - Data-Driven School Leadership (3)**~~
- [LSA 5575 - Leadership for School Improvement \(3\)](#)

Application and Practice [\(9 Hours\)](#) [\(Required internship of 9 total credit hours\)](#)

Select one of the following in consultation with advisor:

- **LSA 5900 - School Administration and Supervision Internship/Practicum (3-6)** (3+3+3) (~~for pre-service students~~ [This course is restricted to students who are not currently employed in a public school district](#))
- **LSA 5910 - Building-Level Action Research Leadership Evidences (3)** (3+3+3) (~~for in-service students~~ [This course is restricted to students who are currently employed in a K-12 public school district](#))

Other Requirements

Comprehensive: A Portfolio is required; see the program director for specific instructions

DRAFT

Certificate Programs

Appalachian offers certificate programs in numerous disciplines. The academic requirements for these programs are detailed in the sections on programs in this Bulletin.

These certificate programs are not degree programs; students who complete the required coursework will receive a “certificate of completion.” The primary purpose of these programs is to provide a student seeking additional expertise with the opportunity to complete a cohesive program of coursework that is less than a graduate degree, but provides advanced training in a specific area.

Applying **ASU Appalachian Graduate Certificate Credits Toward Degree**

Programs: Hours completed to meet the requirements of an earned Appalachian State University graduate certificate may *potentially* be applied toward a graduate degree within the same or closely related discipline. The hours must be approved for use in the degree Program of Study on a course-by-course basis, **and may only include those courses in which the student earned a grade of B (3.0) or higher.** Certificate hours transferred may not exceed 50% of the total degree program requirements. If 50% of the degree program requirements are met using certificate hours, additional transfer credits are not allowed.

Adding a Graduate Certificate to an Existing Program of Study: Currently enrolled graduate students may add a graduate certificate to their existing graduate degree or certificate program of study. Students should speak with the director of the certificate program they wish to add prior to submitting the add program form. Acceptance into a new program requires approval from the new program and from the Graduate School. The following criteria must be met:

- Students may not add a certificate program in the semester in which they intend to graduate from their current program, whether degree or certificate. In such cases, the student must complete the current program and submit a new application to the new program. Thus, students must be enrolled in a certificate program for a minimum of two terms.
- Submission of request forms to ADD a program must occur between the drop/add deadline in a particular term and the admission application deadline in that same term (April 1 in Spring, July 1 in Summer, November 1 in Fall).
- To add a certificate to a current certificate program *or* a degree to a current degree program, the student must have completed **fewer than 50%** of the credit hour requirements in their *current* degree or certificate program. Requests to add a certificate to a current degree program should be submitted before the

certificate course requirements are completed. Use of any previously earned credit hours must be approved by the program and by the Graduate School.

Note that if completing degree and certificate programs concurrently, requirements for successful completion of both programs must be concluded in the same semester OR certificate requirements may be completed prior to degree completion. If the degree requirements are successfully completed before the certificate program and graduation is desired in the term of degree completion, the student may request that the certificate program be dropped.

DRAFT

PROPOSED BULLETIN COPY

Program of Study

Degree-seeking students: Students must work with their advisors on a program of study that follows the approved curriculum as described in this Bulletin and presented in DegreeWorks. All electives and any deviations from the approved curriculum must be submitted to the Graduate School **by the program director or department chair, with a written rationale supporting the request.** ~~for approval after receiving approval from the academic advisor and either.~~ All deviations in required coursework must be explained.

The following is a list of the credit limitations for programs of study for degree seeking students. Please refer to individual notations in this section for further information on each item.

- ~~• The Graduate School must receive notification about program of study approval prior to completion of 50% of the minimum required hours for the program. Students who do not have approved programs by the deadline will be blocked from registering for additional coursework.~~
- The program of study must include at least the number of hours required for the program as specified in this Bulletin. The program of study should include all required coursework as listed; any substitutions must be approved by the ~~advisor,~~ program, and **by the** Graduate School.
- The program of study may not include more than **nine (9) hours the allowed number of transfer credits (6 or 9 depending on the type of program).** Use of transfer credits must be approved by the ~~advisor,~~ program, and **by the** Graduate School. These may only include courses in which the student earned ~~have~~ grades of "B" (3.0) or better and in which a letter grade was earned (i.e., courses with pass/fail or satisfactory/unsatisfactory grades will not be accepted) ~~(note: B is not an acceptable grade).~~
- The program of study may not include more than nine (9) hours of coursework taken **at Appalachian** before the term of admission to the degree program, and these credits may not have been used to satisfy the requirements of a prior earned degree *unless* the student has been admitted under **Accelerated Master's** status at Appalachian. Use of these hours must be approved by ~~the advisor,~~ the program, and the Graduate School.
- ~~• Hours completed to meet the requirements of an earned Appalachian State University graduate certificate may potentially be applied toward a graduate degree program of study within the same or a closely related discipline. The hours must be applied in the degree Program of Study on a course-by-course basis and must meet the appropriate standards for use in the degree. Certificate hours transferred may not exceed 50% of the total degree program requirements. If 50% of the degree program requirements are met using certificate hours, additional transfer credits are not allowed.~~
- The program of study may not include more than six (6) hours of independent study (5500/6500/7500) and also no more than 25% of independent study (5500/6500/7500) and selected topics (5530-5549, 6530-6549, 7530-7549) coursework combined.

- The program of study GPA must be at least 3.0, may not include any courses in which a grade of “F” or “U” was received, and may not include more than three (3) courses with C-level grades.
- All coursework on the program of study must meet the seven (7) year time limitation at the date of graduation.
- Courses numbered 5989 and 7989 may not be used on a program of study.
- **If completing degree and certificate programs concurrently, requirements for successful completion of both programs must be concluded in the same semester OR certificate requirements may be completed prior to degree completion. If the degree requirements are successfully completed before the certificate program and graduation is desired in the term of degree completion, the student may request that the certificate program be dropped.**

Certificate-seeking students: Students must work with their advisors on a program of study that follows the approved curriculum as described in this Bulletin and presented in DegreeWorks. ~~Students must work with their advisors to submit the Notification of Certificate Completion form when they have completed the coursework required for the certificate.~~ Substitutions are strongly discouraged, and the program director must provide a written rationale for any deviations from the program of study.

The following is a list of credit limitations for certificates. Please refer to individual notations in this section for further information on each item.

- The program of study GPA must be at least 3.0, and may not include any courses in which a grade of “F” or “U” was received.
- The program of study must include at least the number of hours required for the program as specified in this Bulletin.
- The program of study should include all required coursework as listed; substitutions are strongly discouraged and must be approved in advance by the ~~advisor,~~ program, and ~~by the~~ Graduate School.
- The program of study may not include more than 25% **transfer credits** hours. Use of transfer credits must be approved by the ~~advisor,~~ program, and ~~by the~~ Graduate School. ~~These may only include courses in which the student earned have grades of “B” (3.0) or better and in which a letter grade was earned (i.e., courses with pass/fail or satisfactory/unsatisfactory grades will not be accepted).~~
- The program of study may not include more than nine (9) hours of coursework taken ~~before the term of admission to the certificate program under non-degree enrollment status.~~ Use of these hours must be approved by the ~~advisor,~~ program, and ~~by the~~ Graduate School.
- The program of study may not include more than 25% of independent study (5500/6500/7500) or selected topics (5530-5549, 6530-6549, 7530-7549) coursework combined.
- The program of study may not include more than ~~six (6) hours~~ 25% of dual-listed coursework.
- All coursework on the program of study must meet the seven (7) year time limitation at the date of completion.

- Courses numbered 5989 and 7989 may not be used on a program of study.
- If completing degree and certificate programs concurrently, requirements for successful completion of both programs must be concluded in the same semester OR certificate requirements may be completed prior to degree completion. If the degree requirements are successfully completed before the certificate program and graduation is desired in the term of degree completion, the student may request that the certificate program be dropped.

PROPOSED

Transfer Credits

A degree- or certificate-seeking student may, with permission of the program director, request approval from the Graduate School to transfer graduate course work to Appalachian from another accredited graduate school. This coursework must be at the same or higher level ~~than~~ the student's program at Appalachian ~~and must be acceptable in a graduate degree program at the credit-granting institution.~~ Only courses in which the student earned a grade of B (3.0) or higher may be considered for transfer credit. Transfer credits may only be considered for courses in which the student earned a letter grade (i.e., courses with pass/fail or satisfactory/unsatisfactory grades will not be accepted).

Permission to use transfer hours on a **program of study** must be granted by both the student's program and the Graduate School. Transfer credit should be reported to the Graduate School as soon as possible, but will not be ~~posted~~ ~~applied~~ to the student's ~~official Appalachian program of study~~ ~~transcript~~ until official transcripts are received. ~~The seven (7) year time limit begins with the term of the first course(s) used toward the degree or certificate program, including any transfer course credits.~~

Students should arrange for official transcripts to be sent directly to the graduate records staff in the Graduate School as soon as grades are posted.

Graduate ~~work included in an earned degree from another institution~~ course credits used toward any previously earned degree, whether at Appalachian or at another institution, cannot be included on a new degree or certificate program of study.

PROPOSED

Undergraduate Enrollment in Graduate Level Courses

Students enrolled as undergraduates at Appalachian State University [and who are not previously admitted as accelerated master's students](#) may request permission to take graduate courses if they will be seniors in the semester of enrollment and have at least a 3.0 GPA. The [Senior Permission](#) request form can be found on the Graduate School website, and it requires both program/department and Graduate School approval. [Undergraduate students may NOT take graduate hours in Thesis, Independent/Individual Study, or Internship, or classes at the 7000-level.](#)

Undergraduate non-degree students are not eligible to take graduate-level courses.

Students may count up to ~~9~~12 semester hours taken under this classification toward a later graduate degree program, provided that the 7-year time limit for graduate courses is not exceeded; that the course credits are not used to meet the requirements of the undergraduate degree; and that the graduate program approves their inclusion on the graduate program of study.

Other Requirements for the MS in Speech-Language Pathology

- **Thesis:** Optional
- **Proficiency:** Not required
- **Candidacy:** Required; see an assigned academic advisor for specific timeline and requirements for admission to candidacy
- **Comprehensive:** Students are required to earn a passing score on the Departmental Comprehensive Examination, as well as a minimum score of 162 on the PRAXIS II (NTE) in Speech-Language Pathology.
- **Product of Learning:** Not required

Deleted: PRAXIS II (NTE) in Speech Language Pathology serves as the comprehensive examination. Minimum score 162.

Athletic Training, MS

← Return to: [Programs Offered by Degree Type \(EdD, MA, etc.\)](#)

Program Code: MS_843A

CIP Code: 51.0913

Learn more about the [Department of Health and Exercise Science](#).

Program of Study for the Master of Science in Athletic Training

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete application to the Graduate School](#); official general GRE exam scores, unless waived.

To be considered for admission, applicants must meet the [criteria for admission to the Graduate School](#). Meeting this condition does not guarantee admission. [The admissions process is nondiscriminatory and contingent upon successfully passing a criminal background check and meeting the program's technical standards. The number of students selected each semester is limited.](#)

Deleted: Both qualitative and quantitative aspects of applications are reviewed by the program in comparison to the current applicant pool.

Accelerated Admission Option: This program offers an [accelerated admission](#) option for undergraduate students currently enrolled at Appalachian State University.

Standardized Exam Waiver Eligibility: The standardized exam (GRE) may be waived for applicants with:

- A cumulative undergraduate GPA of 3.25 or higher; AND
- A GPA of 3.25 or higher in the combined prerequisite courses.

Additional Information

Additional Admission Requirements: Complete application on the Athletic Training Centralized Application System (ATCAS) [, with the exception of accelerated admission students; admissions decisions are made on a rolling basis, but applications are encouraged to be submitted before February 1st. Applications will be considered and undergo a holistic review as received;](#)

Observation hours: Forty hours of clinical observation/shadowing under the direct supervision of a Certified Athletic Trainer; [of the 3 letters of reference](#), at least one reference letter from a faculty member and one reference letter from a licensed healthcare provider; personal statement; interview (in-person or web-based). [Review the program's website for full details on the ATCAS and accelerated admissions processes.](#)

Prerequisites: The Program Director reserves the right to request course syllabi to confirm course content. Human anatomy (4 credits with lab). Human physiology (4 credits with lab). When anatomy and physiology are taken as a combined course, two semesters are necessary to meet this requirement; Biology (animal-based; 3-4 credits with lab); Chemistry (3-4 credits with lab); Physics (4 credits with lab); Statistics (3 credits); Exercise physiology (3 credits); Psychology (3 credits); Biomechanics or kinesiology (3 credits).

Additional Information: The program begins in the first Summer Session, and is designed to be a two-year program.

Location: On Campus; Note: First and second year students will be assigned to practicums at clinical sites on- or off-campus.

Additional Information about Standardized Exam Waiver Eligibility

Any standardized exam waiver for a graduate degree program at Appalachian State requires that applicants hold a minimum cumulative undergraduate GPA of 3.0 or higher in their last earned degree (undergraduate or graduate; some programs have established higher GPA requirements). No exam waiver is automatic but will require review and approval by the Graduate School upon submission of a complete application. An approved waiver request does not guarantee acceptance into the program. A denied waiver request does not mean that a candidate is denied admission to the program, only that a standardized exam score is needed to more fully evaluate the application. Standardized test scores may be required for scholarship consideration.

Course Requirements for the Master of Science in Athletic Training

Total Required (Minimum 68 Hours)

Required Courses (68 Hours)

[A T 5100 - Gross Human Anatomy \(4\)](#)

[A T 5200 - Functional Human Anatomy \(2\)](#)

[A T 5230 - Principles of Injury Prevention \(3\)](#)

[A T 5290 - Athletic Training Clinical Experience I \(2\)](#)

[A T 5300 - Examination, Diagnosis, and Treatment I \(4\)](#)
[A T 5350 - Physiology of Injury \(4\)](#)
[A T 5370 - Principles of Evidence Based Practice \(3\)](#)
[A T 5380 - Seminar in Clinical Reasoning I \(2\)](#)
[A T 5390 - Athletic Training Clinical Experience II \(2\)](#)
[A T 5550 - Manual Intervention Strategies \(3\)](#)
[A T 5570 - Clinical Inquiry I \(1\)](#)
[A T 5600 - Examination, Diagnosis, and Treatment II \(4\)](#)
[A T 5660 - Clinical Medicine \(4\)](#)
[A T 5680 - Seminar in Clinical Reasoning II \(2\)](#)
[A T 5690 - Athletic Training Clinical Experience III \(2\)](#)
[A T 5720 - Behavioral Health \(3\)](#)
[A T 5790 - Athletic Training Clinical Experience IV \(6\)](#)
[A T 5810 - Healthcare Administration and Information Management for Clinicians \(3\)](#)
[A T 5830 - Applied Health and Prevention Strategies \(3\)](#)
[A T 5870 - Implementation of Patient-Centered Care \(3\)](#)
[A T 5880 - Seminar in Clinical Reasoning III \(2\)](#)
[A T 5990 - Athletic Training Clinical Experience V \(3\)](#)
Choose one of the Following (3 Hours)

[A T 5970 - Clinical Inquiry II \(3\)](#)

[A T 5999 - Thesis \(3\)](#)

Note on Academic Standards for Retention in the MS in Athletic Training

Academic standards for retention in the MS in Athletic Training degree program include abiding by the ASU Code of Student Conduct and Academic Integrity, the MS in Athletic Training scholastic performance and professional behavior standards and expectations, the National Athletic Trainers' Association Code of Ethics, and the Board of Certification® Standards of Practice. These Standards are fully described in the [MS in Athletic Training Handbook](#). MS in Athletic Training students must achieve a grade of "C" or higher in all graduate courses, maintain an overall GPA of 3.0, and earn no more than two final grades of "C" or below in the program of study. Students are dismissed from the MS in Athletic Training degree program if they earn more than two final grades of a "C" or lower.

Other Requirements for the MS in Athletic Training

Thesis: Optional

Proficiency: Not required

Candidacy: Required for thesis option; awarded upon approval of thesis committee and prospectus

Comprehensive: Required; one comprehensive examination at the end of year one; successful navigation of the MS in Athletic Training prepares the student to be eligible to sit for the Board of Certification® national examination during their final semester.

Product of Learning: Not required

2022 MHA HCM 5590 Bulletin Changes Tracked

HCM 5590:

Current Bulletin Copy:

HCM 5590: Performance Improvement Concepts and Application in Health Care (3)

When offered: Fall

This course explores the concepts of performance improvement in US health care organizations. Students learn and demonstrate the leadership and management approaches and skills necessary to promote a culture of performance improvement in a health services organization. Techniques, tools, and processes currently used by organizations to monitor and improve the quality of clinical, operational, and administrative functions are addressed

Prerequisite: **HCM 5210** or permission of the instructor

Proposed Bulletin Copy:

HCM 5590: Performance Improvement and Operations Management ~~Concepts and Application in Health Care~~ (3)

When offered: Fall

This course explores the concepts of performance improvement and operations management in US health care organizations. Students learn and demonstrate the leadership and operations management approaches and skills necessary to promote a culture of performance improvement and operations management in a health services organization. Techniques, tools, and processes currently used by organizations to monitor and improve the quality of clinical, operational, and administrative functions are addressed

Prerequisite: **HCM 5210** or permission of the instructor

Changes highlighted in RED.

Health and Physical Education Graduate Certificate

Program Code: GCERT_811A

CIP Code: 31.0501

Program of Study for the Graduate Certificate in Health and Physical Education

Admission Requirements: Baccalaureate degree in approved field with relevant coursework in the area of study from an accredited college or university with a minimum 2.7 cumulative GPA; complete application to the Graduate School; current or offer of employment at a Local Education Agency (LEA).

To be considered for admission, applicants must meet the criteria for admission to the Graduate School. Meeting this condition does not guarantee admission.

Note: This certificate with the successful completion of appropriate licensure exams will allow candidates to be eligible for a NC license in Health & Physical Education, K-12.

Location: Online

Course Requirements for the Graduate Certificate in Health and Physical Education

PRAXIS II exams and other specific requirements may be necessary to meet North Carolina A-Level Teaching License requirements.

Total Required (Minimum 18 Hours)

Required Courses (18 Hours)

C I 5750 - Teaching Diverse Young Adolescents (3)

or

C I 5045 - Advanced Topics in Diversity (3) **(Requires permission of the program director)**

C I 5630 - Instructional Technology (3)

EDU 5900 - Graduate Student Teaching (3)

HPE 5220 - Instructional Systems in Health and Physical Education (3)

HPE 5230 - Assessment in Health and Physical Education (3)

HPE 5430 - Health and Physical Education Methods (3)