

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

**MINUTES OF THE MEETING
OF THE GRADUATE ACADEMIC POLICIES
AND PROCEDURES COMMITTEE
January 27, 2020**

The Graduate AP&P Committee met on Monday, January 27, 2020 at 3:00 p.m. in IG Greer 224.

Members present: Victor Mansure, Sandi Lane, Jennifer McGee, Tim Forsyth, Jonathon Stickford, Sandy Vannoy, Ray Williams, Gary McCullough, Katherine Ledford, David Shows, Agnes Gambill, Tracy Smith, Will Canu, Dru Henson, Brad Nash, Susan Staub

Administrative Staff and Guests: Terry McClannon, Mike McKenzie, Marie Hoepfl, Eric Berry, Lisa Houser (for Ben Powell), Brian Raichle (STBE), Jason Miller (CFAA), Denise Brewer (RCOE), Woody Trathen (RESE), Andrew Koricich (LES), Sara Zimmerman (CI), Beth Frye (RESE), Jim Stoddard (MKT), Lakshmi Iyer (MSADA/CIS), Kym Fasczewski (HES), Katie Mawhinney (MAT), Jennifer Burris (PHY), Beth Fiske (NUR), Bill Anderson (GES), Kim McCullough (CSD), Kyle Thompson (NHM), Patricia Ortiz (LLC), Stacey Garrett (LES/HE)

Absent: Lynn Siefferman, John Whitehead, Jeff Ramsdell, Dalton Sizemore, Janice Pope, James Douthit, Claudia Fernandez, Dontrell Parson, Karen Fletcher, Debbie Race, Dale Wheeler

1. CALL TO ORDER

Chairperson Staub called the meeting to order at 3:00 p.m. She asked guests to introduce themselves (see list above).

2. APPROVAL OF THE MINUTES

MOTION 1: It was moved (Mansure) and seconded (Shows) that the minutes of the November 18, 2019 Graduate AP&P meeting be approved. The vote was taken. **Motion passed.**

3. ANNOUNCEMENTS/FIOS

Chairperson Staub announced that this item will be moved to the end of the meeting following the votes for curriculum proposals.

4. NEW BUSINESS:

A. CURRICULUM PROPOSALS

Beaver College of Health Sciences

Department of Nursing

G_HS_NUR_2019_1

Currently offer Nursing 5900 as a 3-credit course in the summer. Add this course in 1-3 hour

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increments/semester in fall, spring and summer semesters for a total of three credit hours prior to program completion.

MOTION 2: There was a motion from the floor (Smith) and seconded (Mansure) to approve the proposal. A vote was taken. **Motion passed.**

Department of Health & Exercise Science

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| G_HS_HES_2019_31 | Delete ES 5200. |
| G_HS_HES_2019_32 | Delete ES 5623. |
| G_HS_HES_2019_33 | Add ES 5624 Physiology of Exercise. |
| G_HS_HES_2019_34 | Increase credit hours from 2 to 3 for ES 5651. |
| G_HS_HES_2019_35 | Increase credit hours from 2 to 3 for ES 5652. |
| G_HS_HES_2019_36 | Remove ES 5200 and ES 5623 and add ES 5624 to the core requirements for the MS Exercise Science program. This change will affect the requirements for the clinical exercise physiology concentration. |
| G_HS_HES_2019_37 | Remove ES 5200 and ES 5623 and add ES 5624 to the core requirements for the MS Exercise Science program. This change will affect the requirements for the research concentration. |
| G_HS_HES_2019_38 | Remove ES 5200 and ES 5623 and add ES 5624 to the core requirements for the MS Exercise Science program. This change will affect the requirements for the strength and conditioning concentration. |

MOTION 3: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting on 31 – 38 as a group. A vote was taken. **Motion passed.**

Department of Nutrition and Health Care Management

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| G_HS_NHM_2019_13 | Add NUT 5150, Public Health Nutrition Education, to NHM's course offerings. |
| G_HS_NHM_2019_14 | Replace AS 5005 (Global Appalachia) with NUT 5150 (Public Health Nutrition Education) as an elective for the Graduate Certificate in Public Health Nutrition Practice. Add clarification wording that "Applicants may enter the program at the start of any academic term." |
| G_HS_NHM_2019_15 | Replace AS 5005 (Global Appalachia) with NUT 5549 (Special Topics in Nutrition) as an elective for the Master of Science in |

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Nutrition, Public Health Nutrition Concentration. Add clarification wording that "Admissions are rolling, and applicants may enter this program during any academic term."

MOTION 4: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting on 13 - 15 as a group. A vote was taken. **Motion passed.**

Department of Communication Science & Disorders

G_HS_CSD_2019_28 Revise "Program of Study" for the Master's degree in Speech Language Pathology so that CSD 5850 is required rather than an elective. This will also mean that we will only have 2 electives in our program of study rather than 3 and the required hours go up from 51 to 54.

G_HS_CSD_2019_29 Add Course, CSD 5670 Autism Spectrum Disorders.

MOTION 5: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting on 28 and 29 as a group. A vote was taken. **Motion passed.**

College of Arts & Sciences

Department of English

GU_CAS_ENG_2019_01 Delete ENG 5570 (Studies in Native American Literature).

MOTION 6: There was a motion from the floor (Canu) and seconded (Shows) to approve the proposal. A vote was taken. **Motion passed.**

GU_CAS_ENG_2019_02 Change the course description for ENG 4585/ENG 5585 (Studies in Ethnic American Literature) so that they are no longer dual-listed courses and change the semester offering.

MOTION 7: There was a motion from the Curriculum Subcommittee to approve the proposal. A vote was taken. **Motion passed.**

Department of Geological and Environmental Sciences

GU_CAS_GES_2019_07 Change the prefix for all of our GLY and ENV courses to a GES Prefix.

MOTION 8: There was a motion from the Curriculum Subcommittee to approve the proposal. A vote was taken. **Motion passed.**

Department of Languages, Literatures, and Cultures

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| G_CAS_LLC_2019_07 | Change the program of study for the MA in Romance Languages – French College Teaching concentration (222C). |
| G_CAS_LLC_2019_08 | Change the program of study for the MA in Romance Languages - Spanish College Teaching concentration (222E). |
| G_CAS_LLC_2019_09 | Change the program of study for the MA in Romance Languages - French K-12 Teaching (M Level Licensure) concentration (222B). |
| G_CAS_LLC_2019_10 | Change the program of study for the MA in Romance Languages - Spanish K-12 Teaching (M Level Licensure) concentration (222D). |

MOTION 9: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting on 7 – 10 as a group. A vote was taken. **Motion passed.**

*Note to Anna Basnight

Department of Mathematical Sciences

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| G_CAS_MAT_2019_05 | Add STT 5810 (Computational Probability). |
| G_CAS_MAT_2019_06 | Change the prerequisite and semester offering for STT 5811 (Statistical Concepts and Applications). |
| G_CAS_MAT_2019_07 | Change the POS for the MA in Mathematics, College Teaching Concentration 264-B. |
| G_CAS_MAT_2019_08 | Change the POS for the MA in Mathematics, Secondary Teaching Concentration 264C. |
| G_CAS_MAT_2019_09 | Change the POS for the Mathematics - College Teaching Concentration, MA and Engineering Physics - Systems and Laboratory Automation Concentration, MS (MA_264B and MS_113B). |

MOTION 10: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting on 5 - 9 as a group. A vote was taken. **Motion passed.**

Department of Physics and Astronomy

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| G_CAS/COB_P&A/ADA_2019_01 | Add a dual degree comprising the Master of Science in Engineering Physics / Systems and Laboratory Automation Concentration and the Master of Science in Applied Data Analytics / Interdisciplinary Analytics Concentration. |
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MOTION 11: There was a motion from the Curriculum Subcommittee to approve the proposal.
A vote was taken. **Motion passed.**

Department of Psychology

G_CAS_PSY_2019_01 Change name of PSY 6114 (Child and Adolescent
Evidence-Based Interventions) to "Evidence-Based
Psychotherapy for Youth."

MOTION 12: There was a motion from the Curriculum Subcommittee to approve the proposal.
A vote was taken. **Motion passed.**

Reich College of Education

Department of Curriculum & Instruction

G_COE_CI_2019_1 Change the POS for the Curriculum Specialist MA (Major
Code: 416A/13.0301) as follows: 1) Delete CI 5525 (3 hrs)
Product of Learning from the POS 2) Delete LSA 5010, Public
School Administration (3 hrs) from the POS 3) Add CI 5880
Educational Regulations and Policies 4) Remove electives.

MOTION 13: There was a motion from the Curriculum Subcommittee to approve the proposal.
A vote was taken. **Motion passed.**

Department of Educational Leadership

G_COE_EDL_2019_1 Add new language to course description on EDL 7999 to provide
guidance for faculty grading.

MOTION 14: There was a motion from the Curriculum Subcommittee to approve the proposal.
A vote was taken. **Motion passed.**

Department of Family & Child Studies

GU_COE_FCS_2019_1 Change the title of FCS 4611 and FCS 5611 (dual
listed in undergraduate and graduate) from Psychosocial Care of
Families and Children in the Hospital to Introduction to Child Life.

MOTION 15: There was a motion from the Curriculum Subcommittee to approve the proposal.
A vote was taken. **Motion passed.**

Department of Leadership & Educational Studies

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- G_COE_LES_HE_2019_1 Change HE 6861 to be called "The History and Law of American Higher Education" and update catalog description accordingly.
- G_COE_LES_HE_2019_2 Add the following course: HE 5160 - Supervising and Advising in Higher Education.
- G_COE_LES_HE_2019_3 Add new course: HE 5380 - Diversity in Higher Education.
- G_COE_LES_HE_2019_4 Add a new course: HE 5860 - The 21st Century College Student.
- G_COE_LES_HE_2019_5 Change the program of study for MA in Higher Education, Community College & University Leadership Concentration (MA_454G) to remove the following courses: HE 5440, HE 5635, HE 5640, HE 5650, and HE 5990. The following courses will be added: HE 5530, HE 5420, HE 5380 - Diversity in Higher Education (new course), HE 5160 - Supervising & Advising in Higher Education (new course), and HE 5860 - The 21st Century College Student (new course).
- G_COE_LES_HE_2019_6 Change the program of study for MA in Higher Education, Adult & Developmental Education Concentration (MA_454F) to remove the following courses: HE 5440, HE 5635, HE 5730, and HE 5650. The following courses will be added: HE 5420, HE 5380 - Diversity in Higher Education (new course), HE 5160 - Supervision & Advising (new course), and HE 5860 - The 21st Century College Student (new course).
- MOTION 16:** There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting on 1 - 6 as a group. A vote was taken. **Motion passed.**
- *Note to Anna Basnight
- G_COE_LES_HE_2019_11 Request the addition of a graduate level, post-baccalaureate certificate in College & University Teaching. It will be a 12 credit hour certificate focused on developing skill and knowledge with teaching adult learners in post-secondary settings (2 or 4 year institutions). Three new courses will be added to the existing HE 5440 College and University Teaching course to make up the 12 credit hour certificate. The three new courses are: 1. HE 5210 - Teaching for Equity and Inclusion (3), 2. HE 5220 - Exploring Digital Learning Environments in Postsecondary Education (3), and; 3. HE 5230 - Advanced Seminar in College and University Teaching (3).
- G_COE_LES_HE_2019_8 Add new course: HE 5210 - Teaching for Equity and Inclusion in support of new graduate certificate in College and University Teaching (G_COE_LES_HE_2019_11).

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G_COE_LES_HE_2019_9 Add a new course: HE 5220-Exploring Digital Learning Environments in Postsecondary Education in support of new graduate certificate in College and University Teaching (G_COE_LES_HE_2019_11).

Chairperson Staub: This was a resubmission. All updates were submitted and HE 5440 is only a prerequisite for 5230.

MOTION 17: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting on 11, 8, and 9 as a group. A vote was taken. **Motion passed.**

G_COE_LES_HE_2019_10 Add a new course: HE 5230 - Advanced Seminar in College and University Teaching. This will be part of a new proposed graduate certificate (G_COE_LES_HE_2019_11).

MOTION 18: There was a motion from the floor (Smith) and seconded (Canu) to approve the proposal. A vote was taken. **Motion passed.**

*Note to Eric Berry: This will be titled Seminar instead of Practicum.

G_COE_LES_HE_2019_7 Change the program of study for MA in Higher Education, Teaching Concentration (MA_454E) to remove the following courses: HE 5050, HE 5635, and HE 6900. The following courses will be added: HE 5220 - Exploring Digital Learning Environments in Postsecondary Education (new course), HE 5230 - Advanced Seminar in College and University Teaching (new course), and HE 5380 - Diversity in Higher Education (new course). Additionally, HE 5440 (College and University Teaching) will be moved from the Core Requirement to Concentration Requirement.

MOTION 19: There was a motion from the Curriculum Subcommittee to approve the proposal. A vote was taken. **Motion passed.**

Department of Reading Education & Special Education

G_COE_RESE_RE_2019_1 Change course description for RE 5725 - Practicum in the Clinical Teaching of Reading to remove corequisite: RE 5740. Change when offered to On Demand.

G_COE_RESE_RE_2019_2 Change course description for RE 5740 - Seminar in the Clinical Teaching of Reading to remove corequisite: RE 5725. Change when offered to On Demand.

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- G_COE_RESE_RE_2019_3 Change course description for RE 5735 - Practicum in Teaching Severely Disabled Readers to add prerequisite: RE 5715.
- G_COE_RESE_RE_2019_5 Change POS Reading Education - Classroom Clinical Concentration, MA_477E
- a. Change total hours from 39 to 36
 - b. Delete courses not being offered and change requirement for clinical practicum to offer options
 - c. Reduce hours for concentration requirement and add hours to electives

MOTION 20: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting on 1 – 3 and 5 as a group. A vote was taken. **Motion passed.**

- G_COE_RESE_RE_2019_4 Change POS Reading Education Graduate Certificate by adding courses to the list of possible courses. Reading Education Graduate Certificate [GCERT_449A].

MOTION 21: There was a motion from the floor (Shows) and seconded (McGee) to approve the proposal. A vote was taken. **Motion passed.**

- G_COE_RESE_SPE_2019_1 Change the name of SPE 5210: Psychoeducational Approaches to Emotional and Behavioral Disorders to SPE 5210: Relationship-Based Interventions for Students with Emotional and Behavioral Disorders
- a. Change When Offered to On Demand
 - b. Proposed abbreviation for registrar: Relation-base Interv EBD

- G_COE_RESE_SPE_2019_2 Change the name of SPE 5646 - Advanced Studies in Emotional and Behavioral Disorders to SPE 5646 - Advanced Studies of Academic Interventions for Students with Emotional and Behavioral Disorders Proposed abbreviation for registrar: Adv Study Interv EBD.

- G_COE_RESE_SPE_2019_3 Change the course name and course description for SPE 5562 - Methods for Educating the Severely Handicapped - to reflect preferred language in the field of special education. Change to Methods for Educating Students with Moderate to Severe Disabilities.
- a. Remove co-requisite: SPE 5564.
 - b. Proposed abbreviation for registrar: Meth for Educ Stud Dis

- G_COE_RESE_SPE_2019_4 Change the course name and course description for SPE 5564 – Curriculum for the Severely Handicapped - to reflect preferred language in the field of special education. Change to SPE 5564

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- Curriculum for Students with Moderate to Severe Disabilities.
 - a. Corequisite: SPE 5562 is deleted.
 - b. Proposed abbreviation for registrar: Curriculum for Mod to Sev Dis

G_COE_RESE_SPE_2019_5 Change SPE 5130 name from Autism: Contemporary Issues to Assistive Technologies in Support of Individuals with Autism and change description.

G_COE_RESE_SPE_2019_6 Add the course SPE 5110 - Nature of Autism as a course for the special education MA program (MA_476A) and autism graduate certificate (GCERT_445A).

MOTION 22: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting on 1 – 6 as a group. A vote was taken. **Motion passed.**

G_COE_RESE_SPE_2019_7 Add the course SPE 5150 Advanced Classroom Management and Behavior Support.

MOTION 23: There was a motion from the floor (Mansure) and seconded (Gambill) to approve the proposal. A vote was taken. **Motion passed.**

G_COE_RESE_SPE_2019_8 Change POS for Special Education MA_476A

- a. Change SPE 5210 name
- b. Change SPE 5646 name
- c. Change SPE 5130 name and description
- d. Add course SPE 5110 Nature of Autism
- e. Add course SPE 5150 Advanced Classroom Management and Behavior Support
 - a. Add RES 5000 to options for research requirement and change list of suggested courses for elective hours
 - b. Change Thesis to Optional

G_COE_RESE_SPE_2019_10_ Change POS for GCERT_445A - Autism Graduate Certificate. New certificate code: GCERT_444A

- a. Change name from Autism Spectrum Disorders to Autism Graduate Certificate
- b. Change Choose Three to Four from the Following Courses
- c. Delete the research courses as requirement
- d. Change SPE 5130 name
- e. Add SPE 5110 Nature of Autism [G_COE_RESE_SPE_2019_6]
- f. Add SPE 5150 Advanced Classroom Management and Behavior Support [G_COE_RESE_SPE_2019_7]
- g. Add SPE 5530-5539 Selected Topics and Add SPE 5000 Independent Study

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- G_COE_RESE_SPE_2019_11 Add a new post-baccalaureate graduate certificate in emotional and behavioral disorders (12hrs) to the graduate programs in special education. Emotional and Behavioral Disorders Graduate Certificate [GCERT_450A].
- GU_COE_RESE_SPE_2019_12 1. SPE 4205 – Inclusion and SPE 5205 - Inclusion are now dual-listed. We request that this designation be removed and the course descriptions for SPE 4205 (undergraduate course) and for SPE 5205 (graduate course) be modified to reflect differences in content.
2. Correction to the semester these courses are offered.

MOTION 24: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting on 8, 10, 11, and 12 as a group. A vote was taken. **Motion passed.**

Walker College of Business

Department of Accounting

- G_COB_ACC_2019_1 (1) Change the name of ACC 5580 from "Tax Planning and Research" to "Tax Research and Communication" in the Graduate Bulletin.
(2) Make slight change to the course description in the Graduate Bulletin.
(3) Change when offered to "On Demand".
- G_COB_ACC_2019_2 (1) Create new course ACC 5250, Fundamentals of Business Analytics, and add to the Graduate Bulletin.
(2) Cross-list with MBA 5230, Fundamentals of Business Analytics and add cross-listing to the Graduate Bulletin.
- G_COB_ACC_2019_3 Create new course ACC 5260, Advanced Excel and Oracle ERP Analytics for Business, and add to Graduate Bulletin.
- G_COB_ACC_2019_4 Create new course ACC 5650, Advanced Study in Business Environment and Concepts, a one (1) credit hour course, and add to the Graduate Bulletin.
- G_COB_ACC_2019_5 Create new course ACC 5670, Advanced Study in Financial Accounting and Regulation (suggested shortened version: Advanced Study in FAR), a one (1) credit hour course, and add to the Graduate Bulletin.

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MOTION 25: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting on 1 – 5 as a group. A vote was taken. **Motion passed.**

G_COB_ACC_2019_6 Change name for ACC 5665 from "Auditing Concepts and Applications" to "Advanced Study in Audit and Attestation" in Graduate Bulletin. (2) Reduction in credit hours from three (3) hours to one (1) hour in Graduate Bulletin. (3) Change course description.

MOTION 26: There was a motion from the floor (Canu) and seconded (Williams) to approve the proposal. A vote was taken. **Motion passed.**

*Note to Eric Berry: Add that the prerequisite must be passed with C- to the catalog description.

G_COB_ACC_2019_7 Change name for ACC 5645 from "Accounting Regulation" to "Advanced Study in Taxation and Legal Responsibilities of Accountants" in Graduate Bulletin. (2) Reduce credit hours from three (3) hours to one (1) hour in Graduate Bulletin. (3) Change course description in Graduate Bulletin.

MOTION 27: There was a motion from the floor (Mansure) and seconded (Smith) to approve the proposal. A vote was taken. **Motion passed.**

*Note to Eric Berry: Use course number 5645.

G_COB_ACC_2019_9 Add ACC 5590, Advanced Accounting Topics, as a concentration requirement in the General Track of the MS-Accounting Program. (2) Add ACC 5260, Advanced Data Management and Analysis for Business (G_COB_ACC2019_3) as a concentration requirement in the General Track of the MS-Accounting Program. (3) Remove ACC 5210, Advanced Managerial Accounting, as a concentration requirement in the General Track of the MS-Accounting Program. (4) Remove the accounting elective as a concentration requirement in the General Track of the MS-Accounting Program.

G_COB_ACC_2019_10 Add ACC 5260, Advanced Data Management and Analysis for Business (G_COB_ACC_2019_3) as a concentration requirement in the Tax Track of the MS-Accounting Program. (2) Reduce the tax electives from six (6) hours to three (3) hours as a concentration requirement in the Tax Track of the MS-Accounting Program.

MOTION 28: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting on 9 and 10 together. A vote was taken. **Motion passed.**

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*Note to Anna Basnight

Department of Computer Information Systems

G_COB_CIS_2019_1 Change the course description for CIS 5630 Data Management.

G_COB_CIS_2019_2 Create a new course CIS5845 Unstructured Data Analytics (3).

MOTION 29: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting on 1 and 2 together. A vote was taken. **Motion passed.**

Department of Economics

GU_COB_ECO_2019_1 Change ECO 3730 Econometrics as follows:
(a) change the number and title of ECO 3730 Econometrics to ECO 4720 Applied Econometrics
(b) update the course description
 1. drop ECO 2030 and ECO 2040 as prerequisites
 2. change offering on graduate bulletin listing from "on demand" to "F; S"
 3. dual-list it with the existing ECO 5720 Applied Econometrics

MOTION 30: There was a motion from the Curriculum Subcommittee to approve the proposal. A vote was taken. **Motion passed.**

Department of Marketing

GU_COB_MKT_2019_1 Dual list MKT 4050 (Marketing Analytics) with MKT 5050 (Marketing Analytics).

MOTION 31: There was a motion from the floor (Smith) and seconded (Canu) to approve the proposal. A vote was taken. **Motion passed.**

Department of Applied Data Analytics

G_COB_MSADA_2019_1 Change to Program of Study for MS in Applied Data Analytics as follows:
 a) change required hours for CIS 5860 Applied Analytics Project or MBA 5999 Thesis from 6 to 3.
 b) add CIS5845 Unstructured Data Analytics as a required course
 c) change MBA5820 to be required by students during the final semester of their program.

These changes and additions apply to all five MSADA concentrations: Supply Chain Health Care, Marketing, Sustainability and Interdisciplinary Analytics.

MOTION 32: There was a motion from the Curriculum Subcommittee to approve the proposal. A vote was taken. **Motion passed.**

Department of Business Administration

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| G_COB_MBA_2019_1 | Change course description of MBA 5820, Executive Skills to reflect course content; require students to take it only in their final semester instead of multiple semesters. Change grading to S/U basis. |
| G_COB_MBA_2019_2 | Change course description of MBA 5020, International Experience, to allow students to count it only once in their program of study. |
| G_COB_MBA_2019_3 | Change POS for MBA Interdisciplinary concentration as follows:
(1) Remove MBA 5020 from the “Required coursework” and “Additional Elective Options” sections of the POS.
(2) Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.
(3) Require MBA 5820 only in final semester of program. |
| G_COB_MBA_2019_4 | Change POS for MBA Economics concentration as follows:
(1) Remove MBA 5020 from the “Required coursework” and “Additional Elective Options” sections of the POS.
(2) Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.
(3) Require MBA 5820 only in final semester of program. |
| G_COB_MBA_2019_5 | Change POS for MBA Leading and Managing Human Resources concentration as follows:
(1) Remove MBA 5020 from the “Required coursework” and “Additional Elective Options” sections of the POS.
(2) Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.
(3) Require MBA 5820 only in final semester of program. |
| G_COB_MBA_2019_6 | Change POS for MBA Sustainable Business concentration as follows:
(1) Remove MBA 5020 from the “Required coursework” and “Additional Elective Options” sections of the POS.
(2) Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS. |

- G_COB_MBA_2019_7
- (3) Require MBA 5820 only in final semester of program.
- Change POS for Dual Degree MBA and MPA as follows:
- (1) Allow students to substitute MBA 5020 with another course with an international business theme in the MBA requirements section of the POS.
 - (2) Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.
 - (3) Remove redundant language in POS about the international requirement from “Other Requirements for the MBA.”
 - (4) Require MBA 5820 only in final semester of program.
- G_COB_MBA_2019_8
- Change POS for Dual Degree MBA and MA IOPHRM as follows:
- (1) Allow students to substitute MBA 5020 with another course with an international business theme in the MBA requirements section of the POS.
 - (2) Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.
 - (3) Remove redundant language in POS about the international requirement from “Other Requirements for the MBA.”
 - (4) Require MBA 5820 only in final semester of program.
- G_COB_MBA_2019_9
- Change the POS for MBA Supply Chain Management concentration as follows:
- (1) Remove MBA 5020 from the “Required coursework” and “Additional Elective Options” sections of the POS.
 - (2) Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.
 - (3) Require MBA 5820 only in final semester of program.
 - (4) Add SCM 5690 to course list in “Concentration Requirements” section of POS.
- G_COB_MBA_2019_10
- Change the POS for the MBA International Business Concentration as follows:
- (1) Remove MBA 5020 from the “Required coursework” and “Additional Elective Options” sections of the POS.
 - (2) Add MBA 5020 to the “Concentration Requirements” section of the POS.
 - (3) Remove redundant language in POS about the international requirement from “Other Requirements for the MBA.”
 - (4) Require MBA 5820 only in final semester of program.
 - (5) Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.
 - (6) Add SCM 5690 to course list in “Concentration Requirements” section of POS.

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G_COB_MBA_2019_11

Change POS for MBA Business Analytics Concentration as follows:

- (1) Remove MBA 5020 from the “Required coursework” and “Additional Elective Options” sections of the POS.
- (2) Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.
- (3) Require MBA 5820 only in final semester of program.
- (4) Replace CIS 5860 with CIS 5630 as a concentration requirement.
- (5) Make CIS 5860 and elective option.
- (6) Update list of elective options to reflect previous course catalog changes and provide additional relevant course options for students.

MOTION 33: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting for proposals 1 – 11 together. A vote was taken. **Motion passed.**

G_COB_GCERTBA_2019_1

Change to Program of Study for Business Analytics Graduate Certificate to:

- a) clarify the pre-requisites for the program.
- b) remove CIS 5860 - Applied Analytics Project (3) as a required course
- c) add CIS 5630 - Data Management (3) as a required course
- d) remove CIS 5630-Data Management (3) from electives;
- e) remove CIS 5830 Security, Privacy and Ethical Issues in Analytics (3) from electives;
- f) add MBA 5660 – Web Analytics, Data Privacy and Security (3) to elective

MOTION 34: There was a motion from the Curriculum Subcommittee to approve the proposal. A vote was taken. **Motion passed.**

College of Fine & Applied Arts

GU_FAA_STBE_2019_01

Add the course TEC 5515 - PV Operations and Maintenance.

GU_FAA_STBE_2019_02

Add the course TEC 5520 - PV Business.

MOTION 35: After discussions there was a motion from the floor to table the proposals (McGee) and seconded (Shows). A vote was taken. **Motion passed.**

GU_FAA_STBE_2019_03

Change course title: TEC 5633 - Photovoltaics II as TEC 5633 - Battery-Based PV Systems.

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

GU_FAA_STBE_2019_04 Change the description for TEC 5628 - Solar Thermal Energy Technology.

GU_FAA_STBE_2019_05 Change the description for TEC 5700 - Bioenergy Technology.

MOTION 36: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting for proposals 3 - 5 together. A vote was taken. **Motion passed.**

G_FAA_STBE_2019_06 Change hours: TEC 5530-5549: Selected Topics change the available hours from (1-4) to (0-4).

After discussion, this proposal was tabled until the next meeting.

Hayes School of Music

G_MUS_MUS_2019_1 Add course MUS 5063 Advanced Readings in Music Theory Pedagogy.

G_MUS_MUS_2019_2 Add MUS 5064 Advanced Topics in Analysis.

G_MUS_MUS_2019_3 Add MUS 5065 Teaching Practicum in Music Theory.

G_MUS_MUS_2019_4 Add MUS 5066 Pedagogy Portfolio.

G_MUS_MUS_2019_5 Add a graduate certificate in Music Theory Pedagogy Research and Practice.

MOTION 37: There was a motion from the Curriculum Subcommittee to approve the proposals. Chairperson Staub suggested voting for proposals 1 – 5 together. A vote was taken. **Motion passed.**

GU_MUS_MUS_2019_20 Add new dual-listed courses: MUS 4054/5054 Advanced Alexander Technique for Musicians.

MOTION 38: There was a motion from the Curriculum Subcommittee to approve the proposal. A vote was taken. **Motion passed.**

5. DISCUSSION ITEMS

- A. Dean McKenzie thanked the Curriculum Subcommittee for their work. He reminded everyone that today is the deadline for proposals for the February GAPP meeting and last opportunity to get them into Fall 2020 bulletin. He asked members to help spread the news of the Graduate School Fair. He also announced that there would be two staff information sessions for full-time staff who are interested in pursuing degrees.

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

B. Associate Dean Hoepfl invited new members to receive her weekly graduate studies announcements. She asked that members encourage program directors to attend the monthly program director meetings.

6. ADJOURNMENT

MOTION 39: There was a motion from the floor to adjourn (Mansure) and seconded (Canu).
Motion passed.

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

**ADDENDUM
MINUTES OF THE MEETING OF THE GRADUATE ACADEMIC POLICIES AND PROCEDURES
COMMITTEE
January 27, 2020**

G_HS_NUR_2019_1

Currently offer Nursing 5900 as a 3-credit course in the summer.

Add this course in 1-3 hour increments/semester in fall, spring and summer semesters for a total of three credit hours prior to program completion.

NUR 5900. Nursing Education Practicum (1-3).

When offered: Fall; Spring; Summer Session.

This course provides nurse educators with 120 hours (3 credit hours) of practical experiences in a teaching role. Students, under the guidance of a mentor/preceptor, design educational offerings based on identified learning outcomes. Best practices regarding instruction and evaluation for culturally diverse audiences are examined. Students may enroll in 1-3 hours per semester any semester they choose. A total of 3 semester credit hours (for a total of 120 clinical hours) are required.

Prerequisite: Permission of Instructor.

Course is graded on an S/U basis.

G_HS_HES_2019_31

Delete ES 5200.

G_HS_HES_2019_32

Delete ES 5623.

G_HS_HES_2019_33

Add ES 5624 Physiology of Exercise.

ES 5624 - Physiology of Exercise (3)

When Offered: Fall

The course will focus on bioenergetics, and cardiovascular, respiratory, muscular, skeletal, neural, endocrine, and renal systems as they relate to aerobic and anaerobic exercise. Emphasis will be placed on the adaptations of these systems to training throughout the life cycle.

G_HS_HES_2019_34

Increase credit hours from 2 to 3 for ES 5651.

E S 5651 - Theoretical Principles of Strength and Conditioning (3)

When Offered: Fall

A comprehensive study of training theory and methods with an emphasis on the basic and advanced resistance training program design for multiple populations. Also included is a brief review of neuromuscular, musculoskeletal, endocrine, and bioenergetic aspects of exercise and training.

G_HS_HES_2019_35 1

Increase credit hours from 2 to 3 for ES 5652.

E S 5652 - Practical Concepts of Strength and Conditioning (3)

When Offered: Spring

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Application of theoretical principles towards understanding the development of hypertrophy, strength, power, speed, agility, and anaerobic capacity. Includes hands-on experience in lifts, drills, and testing procedures, as well as facility design and management.

G_HS_HES_2019_36

Remove ES 5200 and ES 5623 and add ES 5624 to the core requirements for the MS Exercise Science program. This change will affect the requirements for the clinical exercise physiology concentration.

Exercise Science - Clinical Exercise Physiology Concentration, MS

Program Code: MS_842E CIP Code:
31.0505

Program of Study for the Master of Science in Exercise Science

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

scores; statement of career goal; the following courses or equivalents must be completed prior to formal admission into the program: Human Anatomy and Physiology (E S 2030, 4 hours); Exercise Physiology (E S 3002, 3 hours); Introduction to Biomechanics (E S 3550, 4 hours). This list may not include prerequisites for all elective courses. The applicant must also have two additional science courses. Prerequisites will be assessed at the discretion of the graduate program director.

To be considered for admission, applicants must meet or exceed the [criteria for admission to the Graduate School](#). Meeting these criteria does not guarantee admission. Both qualitative and quantitative aspects of applications are reviewed by the program in comparison to the current applicant pool.

Location: On Campus

Course Requirements for the Master of Science in Exercise Science

Total Required (Minimum 36 Hours)

Required Courses (14-12 Hours)

[E S 5000 - Introduction to Research Principles and Design \(3\)](#)

~~[E S 5200 - Exercise Science Seminar \(1\)](#)~~ (first year)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

[E S 5591 - Biomechanical and Physiological Laboratory Assessment \(3\)](#) [E S 5592 - Data Analysis in Sport and Exercise Science \(3\)](#)

~~[E S 5623 - Exercise Physiology \(4\)](#)~~ ~~[E S 5624 - Exercise Physiology \(3\)](#)~~

Concentration Requirements (~~22~~ 24 Hours)

[E S 5620 - Advanced Cardiorespiratory Physiology \(3\)](#) [E S 5625 - Exercise Testing for Clinical Populations \(3\)](#)
[E S 5645 - Current Trends in Cardiopulmonary Pathophysiology \(3\)](#) [E S 5660 - Exercise Prescription and Chronic Disease Management \(3\)](#) ~~4 hours~~ 6 hours of

graduate electives chosen with the advisor's approval.

Choose One of the Following (6 Hours)

[E S 5900 - Internship \(1-12\)](#) [E S 5999 - Thesis \(2-6\)](#)

Other Requirements for the MS in Exercise Science

Thesis: Required for the Research concentration; optional for the other concentrations

Proficiency: Not required

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

Comprehensive: Required

Product of Learning: Not required

Notes

During [E S 5900 - Internship \(1-12\)](#), 50 contact hours equals 1 hours credit.

If the [E S 5999 - Thesis \(2-6\)](#) option is chosen, students should be in preparation for prospectus approval by the 2nd Fall semester.

The total requirement for the degree is 36 hours minimum, but may be more depending upon elective hours.

G_HS_HES_2019_37

Remove ES 5200 and ES 5623 and add ES 5624 to the core requirements for the MS Exercise Science program. This change will affect the requirements for the research concentration.

Exercise Science - Research Concentration, MS

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Program Code: MS_842B CIP Code: 31.0505

Program of Study for the Master of Science in Exercise Science

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete application to the Graduate School](#); official general GRE exam scores; statement of career goal; the following courses or equivalents must be completed prior to formal admission into the program: Human Anatomy and Physiology (E S 2030, 4 hours); Exercise Physiology (E S 3002, 3 hours); Introduction to Biomechanics (E S 3550, 4 hours). This list may not include prerequisites for all elective courses. The applicant must also have two additional science courses. Prerequisites will be assessed at the discretion of the graduate program director.

To be considered for admission, applicants must meet or exceed the [criteria for admission to the Graduate School](#). Meeting these criteria does not guarantee admission. Both qualitative and quantitative aspects of applications are reviewed by the program in comparison to the current applicant pool.

Location: On Campus

Course Requirements for the Master of Science in Exercise Science

Total Required (Minimum 36 Hours)

Required Courses (~~14~~ 12 Hours)

[E S 5000 - Introduction to Research Principles and Design \(3\)](#) ~~E S 5200 - Exercise Science Seminar (1)~~ (first year)

[E S 5591 - Biomechanical and Physiological Laboratory Assessment \(3\)](#)

[E S 5592 - Data Analysis in Sport and Exercise Science \(3\)](#) ~~E S 5623 -~~

~~Exercise Physiology (4)~~

~~E S 5624 - Exercise Physiology (3)~~

Concentration Requirements (~~22~~ 24 Hours)

[E S 5999 - Thesis \(2-6\)](#)

~~16 hours~~ 18 hours of graduate electives chosen with the advisor's approval.

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Other Requirements for the MS in Exercise Science

Thesis: Required for the Research concentration; optional for the other concentrations

Proficiency: Not required

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

Comprehensive: Required

Product of Learning: Not required

Notes

During [E S 5900 - Internship \(1-12\)](#), 50 contact hours equals 1 hours credit.

If the [E S 5999 - Thesis \(2-6\)](#) option is chosen, students should be in preparation for prospectus approval by the 2nd Fall semester.

The total requirement for the degree is 36 hours minimum, but may be more depending upon elective hours.

G_HS_HES_2019_38

Remove ES 5200 and ES 5623 and add ES 5624 to the core requirements for the MS Exercise Science program. This change will affect the requirements for the strength and conditioning concentration.

NUT 5150 - Public Health Nutrition Education (3 c.h.)

When offered: Summer Session

Theory and practice of nutrition education in public health nutrition settings. Topics include principles of effective nutrition education for groups and populations, the theoretical basis of health behavior change, and education intervention planning, delivery, and evaluation.

G_HS_NHM_2019_13

Add NUT 5150, Public Health Nutrition Education, to NHM's course offerings.

NUT 5150 - Public Health Nutrition Education (3 c.h.)

When offered: Summer Session

Theory and practice of nutrition education in public health nutrition settings. Topics include principles of effective nutrition education for groups and populations, the theoretical basis of health behavior change, and education intervention planning, delivery, and evaluation.

PREREQUISITES: Admission to graduate Public Health Nutrition Program, or non-degree seeking student with special permission to enroll.

G_HS_NHM_2019_14

Replace AS 5005 (Global Appalachia) with NUT 5150 (Public Health Nutrition Education) as an elective for the Graduate Certificate in Public Health Nutrition Practice.

Add clarification wording that "Applicants may enter the program at the start of any academic term."

Proposed Bulletin PHN Certificate with Track Changes

Health Nutrition Practice Graduate Certificate

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Program of Study for the Graduate
Certificate in Public Health Nutrition
Practice

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete the application to the Graduate School](#). Admissions are rolling, and applicants may enter this program during any academic term. **Prerequisite:** Additional courses (up to 6 hours or as determined by program director including Introductory Nutrition and Medical Terminology) may be required if so indicated by the student's deficiencies.
Location: Online

Course Requirements for the Graduate
Certificate in Public Health Nutrition
Practice

Total Required (Minimum 15 Hours)

Required Courses (12 Hours)

[HCM 5240 - Health and Disease \(3\)](#)
[NUT 5100 - Introduction to Community and Public Health \(3\)](#)
[NUT 5200 - Lifecycle Nutrition for Public Health Nutrition Professionals \(3\)](#)
[NUT 5300 - Effective Rural Practice for Health Professionals \(3\)](#)

Elective (3 Hours)

Choose one graduate elective course in consultation with program director

G_HS_NHM_2019_15

Replace AS 5005 (Global Appalachia) with NUT 5549 (Special Topics in Nutrition) as an elective for the Master of Science in Nutrition, Public Health Nutrition Concentration.

Add clarification wording that "Admissions are rolling, and applicants may enter this program during any academic term."

Proposed Bulletin for Masters PHN with Track Changes

Nutrition - Public Health Nutrition Concentration, MS

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Program of Study for the Master of Science in Nutrition

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete application to the Graduate School](#); written statement addressing prior experience and career goals. Applicants with an undergraduate GPA less than 3.0 must either provide official GRE general exam scores or successfully complete the graduate Certificate in Public Health Nutrition Practice. Priority will be given to applicants with related volunteer, life, or employment experiences. [Admissions are rolling, and applicants may enter this program during any academic term.](#)

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

Additional Information about Standardized Exam Waiver Eligibility

To be considered for a standardized exam waiver, applicants must hold a cumulative undergraduate GPA of 3.0 or higher. 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.

Additional Information

Additional Admission Requirements: Additional courses (up to 6 hours or as determined by program director including Introductory Nutrition and Medical Terminology) may be required if so indicated by the student's deficiencies.

Prerequisites: A student entering the program with curricular deficiencies may be required to complete more than the minimum number of hours for completion of the program. See the program director for more information.

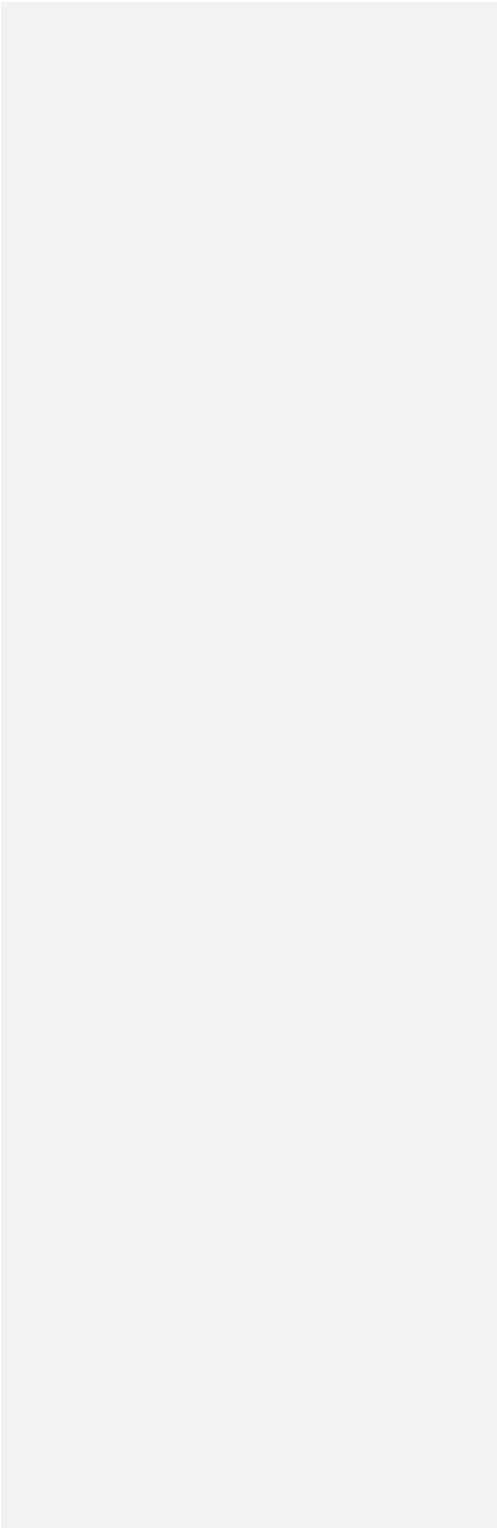
Location: Online.

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Course Requirements for the Master of Science in Nutrition

Total Required (Minimum 39 Hours)

Required Courses (6 Hours)



Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

[NUT 5000 - Research Methods in Nutrition and Foods \(3\)](#)

[NUT 5300 - Effective Rural Practice for Health Professionals \(3\)](#)

Concentration (33 Hours)

[NUT 5549 – Special Topics \(3\)](#)

[HCM 5210 - Foundations of the U.S. Health Care System \(3\)](#)

[HCM 5220 - Statistics for Health Administration \(3\)](#)

[HCM 5240 - Health and Disease \(3\)](#)

[NUT 5100 - Introduction to Community and Public Health \(3\)](#)

[NUT 5200 - Lifecycle Nutrition for Public Health Nutrition Professionals \(3\)](#) [NUT 5275 - Diet,](#)

[Obesity, and Disease \(3\)](#)

[NUT 5350 - Public Health Nutrition Leadership and Practice \(3\)](#) [NUT 5375 -](#)

[Community and International Health Assessment \(3\)](#) [NUT 5450 - Capstone](#)

[Proposal \(1\)](#)

[NUT 5475 - Public Health Nutrition Capstone \(2\)](#)

Elective in Environmental Health (3)

Note on Academic Standards For Retention in the Nutrition - Public Health Nutrition Concentration, MS

Academic standards for retention in the MS/PHN Program include abiding by the ASU Code of Student Conduct and Academic Integrity, and the following standards: 1) Professionalism; 2) Collaboration; 3) Honesty/Integrity; 4) Respect; 5) Reverence for Learning; 6) Emotional Maturity; 7) Flexibility; 8) Communication Skills; and 9) Cultural Competence.

Failure to meet these standards may result in dismissal from the program. The standards are fully described in the Graduate Student Handbook: <https://nutrition.apostate.edu/academics/graduate-programs-public-health-nutrition>.

Other Requirements for the MS in Nutrition

Thesis: Optional for Dietetics Concentration

Proficiency: Not required

Candidacy: Required. For the Dietetics Concentration, admission to candidacy requires successful academic performance and a positive assessment of professional conduct during the first year and second years. For the Public Health Nutrition Concentration, admission to candidacy requires successful academic performance during first year of program.

Additionally, satisfactory evaluation of professional conduct is required during capstone project. See the academic standards for retention in the program in the department Graduate Nutrition Handbook for further information. Failure to meet these standards may result in dismissal from the program.

Comprehensive: Required for Dietetics Concentration - A comprehensive examination is administered at the end of the second year. **Additionally**, a poster of completed research must be presented at the end of the second year at one off-campus and one on campus venue and an oral defense of the thesis is required when selecting the thesis option. Not required for the Public Health Nutrition Concentration.

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Product of Learning: Capstone project required for Public Health Nutrition Concentration

G_HS_CSD_2019_28

Revise "Program of Study" for the Master's degree in Speech Language Pathology so that CSD 5850 is required rather than an elective. This will also mean that we will only have 2 electives in our program of study rather than 3 and the required hours go up from 51 to 54.

G_HS_CSD_2019_29

Add Course, CSD 5670 Autism Spectrum Disorders.

GU_CAS_ENG_2019_01

Delete ENG 5570 (Studies in Native American Literature).

GU_CAS_ENG_2019_02

Change the course description for ENG 4585/ENG 5585 (Studies in Ethnic American Literature) so that they are no longer dual-listed courses and change the semester offering.

ENG 4585 - Studies in Ethnic American Literature (3)

When Offered: Fall, Even-numbered years.

An in-depth and multi-cultural examination of major ethnic American writers.

Prerequisite: R C 1000

ENG 5585 - Studies in Ethnic American Literature (3)

When Offered: Fall, Even-numbered years.

An advanced in-depth and multi-cultural examination of major ethnic American writers

GU_CAS_GES_2019_07

Change the prefix for all of our GLY and ENV courses to a GES Prefix.

Geology

~~GLY 1010 - General Geology Laboratory (1) see~~
U_CAS_GES_2019_01

GLY 1101 - Introduction to Physical Geology (4) GLY 1102 - Introduction to Historical Geology (4)

GLY 1103 - Environmental Change, Hazards, and Resources (4) GLY 1104 - Water: Mountains to Sea (4)

GLY 1105 - Oceanography (4)

~~GLY 1510 - Geological Science Honors-Physical (4) GLY 1511 - Geological Science Honors-Historical (4)~~ GLY 1842 - Dinosaurs: Then and Now (3)

GLY 2250 - Evolution of the Earth (4)

GLY 2301 - Energy Extraction in Appalachia (Past, Present, and Future) (3) ~~---CROSS-~~ LISTED WITH A
S2301

GLY 2500 - Independent Study (1-4)

GLY 2745 - Preparation for Geological Science Careers (4) GLY 2857 - Paleontology Field and Museum Methods (1-3) GLY 3025 - Principles of Paleontology (3)

~~GLY 3110 - Environmental Regulation and Enforcement (3) see~~
U_CAS_GES_2019_02

GLY 3131 - Environmental Geochemistry (3)

GLY 3150 - Principles of Structural Geology and Tectonics (3)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

GLY 3160 - Introduction to Geophysics (3) ~~--- CROSS-LISTED WITH PHY 3160~~ GLY 3220 -
Fundamentals of Mineralogy (3)
GLY 3264 - Paleontological Laboratory Techniques and Analytical Methods (1-3) GLY 3310 - Global
Biogeochemical Cycles (3) ~~---CROSS-LISTED WITH CHE 3310~~ GLY 3333 - Geomorphology (3)

~~GLY 3455 - Quantitative Data Analysis for Earth and Environmental Scientists (3) see
U_CAS_GES_2019_03~~

GLY 3500 - Independent Study (1-4)
GLY 3520 - Instructional Assistance (1)
GLY 3521 - Secondary Science Field Experience (1) GLY 3530-3549 -
Selected Topics (1-4)
GLY 3680 - Geoarchaeology (3)
GLY 3703 - Issues in Environmental Geology (3) GLY 3715 - Petrology
and Petrography (3)
GLY 3800 - Sedimentology and Stratigraphy (3) GLY 4210 - Geology
Seminar (1)

~~GLY 4501 - Senior Honors Research (1-3)
see U_CAS_GES_2019_04 GLY 4510 - Senior Honors
Thesis (3)~~

~~see U_CAS_GES_2019_05~~ GLY 4630 -

Hydrogeology (3)
GLY 4705 - Engineering Geology (3) GLY 4835 - Summer Field
Geology (6)

GLY 5500 - Independent Study (1-3)
GLY 5530-5549 - Selected Topics (1-4)
GLY 5630 - Hydrogeology (3)
GLY 5705 - Engineering Geology (3) GLY 5835 - Summer Field
Geology (6)

Environmental Science

ENV 1010 - Introduction to Environmental Science (3)
ENV 3105 - Preparation for Environmental Science Careers (3) ~~ENV 3110 -
Environmental Regulation and Enforcement (3)
see U_CAS_GES_2019_02
ENV 3455 - Quantitative Data Analysis for Earth and Environmental Scientists (3) see
U_CAS_GES_2019_03~~
ENV 3530-3549 - Selected Topics (1-4)
ENV 4105 - Analysis and Implications of Environmental Issues (1) ~~ENV 4501 - Senior
Honors Research (1-3)
see U_CAS_GES_2019_04 ENV 4510 - Senior
Honors Thesis (3)
see U_CAS_GES_2019_05~~
ENV 4900 - Internship in Environmental Science (1-12)

G_CAS_LLC_2019_07

Change the program of study for the MA in Romance Languages – French College Teaching concentration (222C).

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

PROPOSED 2020-2021

Romance Languages - French College Teaching Concentration, MA

Program Code: MA_222C CIP Code:
16.0999

[Program of Study for the Master of Arts in Romance Languages](#)

Admission Requirements: Baccalaureate degree in the target language or a closely related field from an accredited college or university; **complete application to the Graduate School**; official general GRE exam scores; writing sample in the target language; oral interview for evaluation of speaking skills (see guidelines at: <http://dlc.appstate.edu>); two undergraduate literature courses and two culture courses. International students must submit a writing sample in English and must pass an oral interview in English.

To be considered for admission, applicants must meet the **criteria for admission to the Graduate School**. In addition, the program faculty will give preference to applicants who meet or exceed the following: Cumulative Undergraduate GPA: 3.0 or higher; GPA in subject area: 3.2. Meeting this condition does not guarantee admission.

*K-12 Teaching Concentration Applicants: You must provide evidence of NC "A" licensure or the equivalent from another state prior to admission.

Location: On and Off Campus, with some on-line and blended instruction offerings

[Course Requirements for the Master of Arts in Romance Languages](#)

Total Required (Minimum 36 Hours)

Required Courses (6 Hours)

- **LLC 5590 - Issues in Teaching Languages and Cultures (3)**
- **LLC 5601 - Bilingualism and Second Language Acquisition (3)**

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Concentration Requirements (6 Hours)

(Does not lead to licensure) Select

from the following:

- [H E 5050 - Designing Adult Learning Experiences Using Technology \(3\)](#)
- **H E 5420 - The Community College (3)**
- **H E 5440 - College and University Teaching (3)**
- **H E 5630 - The Adult Learner (3)**
- [H E 5635 - Adult Development and Learning Theories \(3\)](#)
- [H E 5640 - College Access and Student Success \(3\)](#)
- [H E 5990 - Ethical and Legal Issues in Higher Education \(3\)](#)
- [H E 6631 - Teaching and Learning in Postsecondary Education \(3\)](#)
- **H E 6900 - Higher Education Internship/Field Study (2-8)**

Elective Courses (21 or 24 Hours)

Choose from the following courses:

- [FRE 5001 - Francophone Children's and Adolescent Literature \(3\)](#)
- **FRE 5002 - Masterpieces of Francophone Art and Literature (3)**
- **FRE 5003 - French Women Writers (3)**
- **FRE 5004 - The French Media (3)**
- **FRE 5021 - Poetry of French Expression (3)**
- **FRE 5023 - Theater and Performance in French (3)**
- **FRE 5025 - French Cultural Studies (3)**
- **FRE 5026 - Francophone Cultures (3)**
- **FRE 5045 - Comparative Romance Linguistics (3)**
- [FRE 5065 - Seminar in French and Francophone Film and Literature \(3\)](#)
- [FRE 5555 - History of the French Language \(3\)](#)
- **FRE 5300 - Laughter in Text and Film / Histoires de rire (3)**

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

- **FRE 5565 - Advanced French Expression (3)**
- **FRE 5591 - The French Curriculum: Communication, Assessment, Technology Tools (3)**
- 0-6 hours of graduate electives (**FRE 5500, FRE 5530-5549, LLC 5530-5549**), chosen with the approval of the Advisor or the Program Director

Other Requirements for the MA in Romance Languages

- **Thesis:** Not required
- **Proficiency:** Proficiency in the language is required.
- **Candidacy:** Required; see the program director for specific timeline and requirements for admission to candidacy
- **Comprehensive:**
 - College Teaching Concentrations: Each MA candidate develops a portfolio of representative work generated in the course of the MA Program. The portfolio contains fully revised versions of the candidate's best work produced for all classes in the content area, and serves as the basis for a one-hour oral comprehensive examination. Refer to specific guidelines for the portfolio at: <http://dllc.appstate.edu>.
 - K-12 Teaching Concentrations: Requirement is fulfilled via successful presentation of the Product of Learning.
- **Product of Learning:**
 - Community College Teaching: Not required.
 - K-12 Teaching: Requirement is fulfilled via successful completion and presentation of the Product of Learning. Refer to specific guidelines for the Product of Learning at: <http://dllc.appstate.edu>.

G_CAS_LLC_2019_08

Change the program of study for the MA in Romance Languages - Spanish College Teaching concentration (222E).

PROPOSED 2020-2021

Romance Languages - Spanish College Teaching Concentration, MA

Program Code: MA_222E CIP Code:
16.0999

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Program of Study for the Master of Arts in Romance Languages

Admission Requirements: Baccalaureate degree in the target language or a closely related field from an accredited college or university; **complete application to the Graduate School**; official general GRE exam scores; writing sample in the target language; oral interview for evaluation of speaking skills (see guidelines at: <http://dllc.appstate.edu>); two undergraduate literature courses and two culture courses. International students must submit a writing sample in English and must pass an oral interview in English.

To be considered for admission, applicants must meet the **criteria for admission to the Graduate School**. In addition, the program faculty will give preference to applicants who meet or exceed the following: Cumulative Undergraduate GPA: 3.0 or higher; GPA in subject area: 3.2. Meeting this condition does not guarantee admission.

*K-12 Teaching Concentration Applicants: You must provide evidence of NC "A" licensure or the equivalent from another state prior to admission.

Location: On and Off Campus, with some on-line and blended instruction offerings

Course Requirements for the Master of Arts in Romance Languages

Total Required (Minimum 36 Hours)

Required Courses (6 Hours)

- **LLC 5590 - Issues in Teaching Languages and Cultures (3)**
- **LLC 5601 - Bilingualism and Second Language Acquisition (3)**

Concentration Requirements (6 Hours)

(Does not lead to licensure) Select from the following:

- **H E 5050 - Designing Adult Learning Experiences Using Technology (3)**
- **H E 5420 - The Community College (3)**
- **H E 5440 - College and University Teaching (3)**
- **H E 5630 - The Adult Learner (3)**

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

- [H E 5635 - Adult Development and Learning Theories \(3\)](#)
- [H E 5640 - College Access and Student Success \(3\)](#)
- [H E 5990 - Ethical and Legal Issues in Higher Education \(3\)](#)
- [H E 6631 - Teaching and Learning in Postsecondary Education \(3\)](#)
- **H E 6900 - Higher Education Internship/Field Study (2-8)**

Elective Courses (21 or 24 Hours)

Choose from the following courses:

- [SNH 5001 - Hispanic Children's and Adolescent Literature \(3\)](#)
- **SNH 5002 - Masterpieces of Hispanic Art and Literature (3)**
- **SNH 5003 - Hispanic Short Fiction (3)**
- **SNH 5005 - The 20th Century Hispanic Novel (3)**
- **SNH 5023 - Poetry in Spain and Latin America (3)**
- **SNH 5024 - Theater and Performance in the Hispanic World (3)**
- **SNH 5026 - Hispanic Cultural Studies (3)**
- **SNH 5027 - The Media in Latin America and Spain (3)**
- **SNH 5028 - Seminar in Spanish Linguistics (3)**
- **SNH 5030 - Latin American Thought Through Literature and Film (3)**
- **SNH 5045 - Comparative Romance Linguistics (3)**
- [SNH 5065 - Seminar in Hispanic Film and Literature \(3\)](#)
- [SNH 5075 - Migration in Literature and Film \(3\)](#)
- **SNH 5555 - History of the Spanish Language (3)**
- **SNH 5565 - Advanced Spanish Expression (3)**
- Electives (**SNH 5500**, **SNH 5530-5549**, **LLC 5530-5549**), chosen with the approval of the Advisor or the Program Director (0-6)

Other Requirements for the MA in Romance Languages

- **Thesis:** Not required
- **Proficiency:** Proficiency in the language is required.
- **Candidacy:** Required; see the program director for specific timeline and

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Effective Fall 2020 unless otherwise noted.

requirements for admission to candidacy

- Comprehensive:
 - College Teaching Concentrations: Each MA candidate develops a portfolio of representative work generated in the course of the MA Program. The portfolio contains fully revised versions of the candidate's best work produced for all classes in the content area, and serves as the basis for a one-hour oral comprehensive examination. Refer to specific guidelines for the portfolio at: <http://dllc.appstate.edu>.
 - K-12 Teaching Concentrations: Requirement is fulfilled via successful presentation of the Product of Learning.
- Product of Learning:
 - Community College Teaching: Not required.
 - K-12 Teaching: Requirement is fulfilled via successful completion and presentation of the Product of Learning. Refer to specific guidelines for the Product of Learning at: <http://dllc.appstate.edu>.

G_CAS_LLC_2019_09

Change the program of study for the MA in Romance Languages - French K-12 Teaching (M Level Licensure) concentration (222B).

PROPOSED 2020-2021

Romance Languages - French K-12 Teaching (M Level Licensure) Concentration, MA

Program Code: MA_222B CIP Code:
16.0999

[Program of Study for the Master of Arts in Romance Languages](#)

Admission Requirements: Baccalaureate degree in the target language or a closely related field from an accredited college or university; **complete application to the Graduate School**; official general GRE exam scores; writing sample in the target language; oral interview for evaluation of speaking skills (see guidelines at: <http://dllc.appstate.edu>); two undergraduate literature courses and two culture courses. International students must submit a writing sample in English and must pass an oral interview in English.

To be considered for admission, applicants must meet the **criteria for admission to the Graduate School**. In addition, the program faculty will give preference to applicants who meet or exceed the following: Cumulative Undergraduate GPA: 3.0 or higher; GPA in subject area: 3.2.

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Meeting this condition does not guarantee admission.

*K-12 Teaching Concentration Applicants: You must provide evidence of NC "A" licensure or the equivalent from another state prior to admission.

Location: On and Off Campus, with some on-line and blended instruction offerings
[Course Requirements for the Master of Arts in Romance Languages](#)

Total Required (Minimum 36 Hours)

Required Courses (6 Hours)

- [LLC 5590 - Issues in Teaching Languages and Cultures \(3\)](#)
- [LLC 5601 - Bilingualism and Second Language Acquisition \(3\)](#)

Concentration Requirements (9 Hours)

Leads to NC Teacher Licensure: Requirements for this degree were designed, and have been approved by the appropriate bodies at the state level, to meet the advanced competencies as mandated in the North Carolina Excellent Schools Act for Master-level teacher education programs. Students must complete 3 education courses.

- [CI 5045 - Advanced Topics in Diversity \(3\)](#)
- or
- [SPE 5045 - Advanced Topics in Diversity \(3\)](#)
-
- [CI 5585 - Teacher Leadership and School Improvement \(3\)](#)
- or
- [LSA 5585 - Teacher Leadership and School Improvement \(3\)](#)
-
- [LLC 5525 - Product of Learning \(1-3\)](#)

Elective Courses (21 or 24 Hours)

Choose from the following courses:

- [FRE 5001 - Francophone Children's and Adolescent Literature \(3\)](#)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

- **FRE 5002 - Masterpieces of Francophone Art and Literature (3)**
- **FRE 5003 - French Women Writers (3)**
- **FRE 5004 - The French Media (3)**
- **FRE 5021 - Poetry of French Expression (3)**
- **FRE 5023 - Theater and Performance in French (3)**
- **FRE 5025 - French Cultural Studies (3)**
- **FRE 5026 - Francophone Cultures (3)**
- **FRE 5045 - Comparative Romance Linguistics (3)**
- **FRE 5065 - Seminar in French and Francophone Film and Literature (3)**
- **FRE 5555 - History of the French Language (3)**

- **FRE 5300 - Laughter in Text and Film / Histoires de rire (3)**
- **FRE 5565 - Advanced French Expression (3)**
- **FRE 5591 - The French Curriculum: Communication, Assessment, Technology Tools (3)**
- 0-6 hours of graduate electives (**FRE 5500, FRE 5530-5549, LLC 5530-5549**), chosen with the approval of the Advisor or the Program Director

Other Requirements for the MA in Romance Languages

- **Thesis:** Not required
- **Proficiency:** Proficiency in the language is required.
- **Candidacy:** Required; see the program director for specific timeline and requirements for admission to candidacy
- **Comprehensive:**
 - College Teaching Concentrations: Each MA candidate develops a portfolio of representative work generated in the course of the MA Program. The portfolio contains fully revised versions of the candidate's best work produced for all classes in the content area, and serves as the basis for a one-hour oral comprehensive examination. Refer to specific guidelines for the portfolio at: <http://dlc.appstate.edu>.
 - K-12 Teaching Concentrations: Requirement is fulfilled via successful presentation of the Product of Learning.
- **Product of Learning:**
 - Community College Teaching: Not required.

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Effective Fall 2020 unless otherwise noted.

- K-12 Teaching: Requirement is fulfilled via successful completion and presentation of the Product of Learning. Refer to specific guidelines for the Product of Learning at: <http://dllc.appstate.edu>.

G_CAS_LLC_2019_10

Change the program of study for the MA in Romance Languages - Spanish K-12 Teaching (M Level Licensure) concentration (222D).

PROPOSED 2020-2021

Romance Languages - Spanish K-12 Teaching (M Level Licensure) Concentration, MA

Program Code: MA_222D CIP Code:
16.0999

[Program of Study for the Master of Arts in Romance Languages](#)

Admission Requirements: Baccalaureate degree in the target language or a closely related field from an accredited college or university; **complete application to the Graduate School**; official general GRE exam scores; writing sample in the target language; oral interview for evaluation of speaking skills (see guidelines at: <http://dllc.appstate.edu>); two undergraduate literature courses and two culture courses. International students must submit a writing sample in English and must pass an oral interview in English.

To be considered for admission, applicants must meet the **criteria for admission to the Graduate School**. In addition, the program faculty will give preference to applicants who meet or exceed the following: Cumulative Undergraduate GPA: 3.0 or higher; GPA in subject area: 3.2. Meeting this condition does not guarantee admission.

*K-12 Teaching Concentration Applicants: You must provide evidence of NC "A" licensure or the equivalent from another state prior to admission.

Location: On and Off Campus, with some on-line and blended instruction offerings

[Course Requirements for the Master of Arts in Romance Languages](#)

Total Required (Minimum 36 Hours)

Required Courses (6 Hours)

- **LLC 5590 - Issues in Teaching Languages and Cultures (3)**

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

- **LLC 5601 - Bilingualism and Second Language Acquisition (3)**

Concentration Requirements (9 Hours)

Leads to NC Teacher Licensure: Requirements for this degree were designed, and have been approved by the appropriate bodies at the state level, to meet the advanced competencies as mandated in the North Carolina Excellent Schools Act for Master-level teacher education programs. Students must complete 3 education courses.

- [CI 5045 - Advanced Topics in Diversity \(3\)](#)
- or
- [SPE 5045 - Advanced Topics in Diversity \(3\)](#)
-
- [CI 5585 - Teacher Leadership and School Improvement \(3\)](#)
- or
- [LSA 5585 - Teacher Leadership and School Improvement \(3\)](#)
-
- [LLC 5525 - Product of Learning \(1-3\)](#)

Elective Courses (21 or 24 Hours)

Choose from the following courses:

- [SNH 5001 - Hispanic Children's and Adolescent Literature \(3\)](#)
- **SNH 5002 - Masterpieces of Hispanic Art and Literature (3)**
- **SNH 5003 - Hispanic Short Fiction (3)**
- **SNH 5005 - The 20th Century Hispanic Novel (3)**
- **SNH 5023 - Poetry in Spain and Latin America (3)**
- **SNH 5024 - Theater and Performance in the Hispanic World (3)**
- **SNH 5026 - Hispanic Cultural Studies (3)**
- **SNH 5027 - The Media in Latin America and Spain (3)**
- **SNH 5028 - Seminar in Spanish Linguistics (3)**
- **SNH 5030 - Latin American Thought Through Literature and Film (3)**
- **SNH 5045 - Comparative Romance Linguistics (3)**
- [SNH 5065 - Seminar in Hispanic Film and Literature \(3\)](#)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

- [SNH 5075 - Migration in Literature and Film \(3\)](#)
- **SNH 5555 - History of the Spanish Language (3)**
- **SNH 5565 - Advanced Spanish Expression (3)**
- Electives (**SNH 5500**, **SNH 5530-5549**, **LLC 5530-5549**), chosen with the approval of the Advisor or the Program Director (0-6)

Other Requirements for the MA in Romance Languages

- **Thesis:** Not required
- **Proficiency:** Proficiency in the language is required.
- **Candidacy:** Required; see the program director for specific timeline and requirements for admission to candidacy
- **Comprehensive:**
 - College Teaching Concentrations: Each MA candidate develops a portfolio of representative work generated in the course of the MA Program. The portfolio contains fully revised versions of the candidate's best work produced for all classes in the content area, and serves as the basis for a one-hour oral comprehensive examination. Refer to specific guidelines for the portfolio at: <http://dllc.appstate.edu>.
 - K-12 Teaching Concentrations: Requirement is fulfilled via successful presentation of the Product of Learning.
- **Product of Learning:**
 - Community College Teaching: Not required.
 - K-12 Teaching: Requirement is fulfilled via successful completion and presentation of the Product of Learning. Refer to specific guidelines for the Product of Learning at: <http://dllc.appstate.edu>.

G_CAS_MAT_2019_05

Add STT 5810 (Computational Probability).

STT 5810 - Computational Probability (3)

When Offered: Fall

This course introduces students to calculus-based probability from a foundational level with an emphasis on applying theoretical results by using a statistical programming language. Topics covered involve fundamentals of probability including conditional probability and Bayes' Rule; probability distributions for discrete and continuous random variables; and properties of random variables such as measures of central tendency and dispersion. Computational approaches for probability along with simulation-based computational approaches will be covered for each course topic.

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

G_CAS_MAT_2019_06

Change the prerequisite and semester offering for STT 5811 (Statistical Concepts and Applications).

STT 5811 - Statistical Concepts and Applications I (3)

When Offered: Spring

This course introduces students at the post-calculus level to statistical concepts, applications, and theory. Topics include: counting methods, basic probability, sampling methods, an introduction to the most common discrete and continuous random variables, sampling distributions, and single parameter inferential methods including confidence intervals and hypothesis testing using large-sample methods, exact methods, and computationally intensive methods such as the bootstrap. Statistical concepts will be developed through simulations, and applications will focus on statistical problem-solving. The course will introduce prospective college teachers to the content and pedagogy recommended in the American Statistical Association's Guidelines with regard to statistics and probability.

Prerequisite: STT 5810.

G_CAS_MAT_2019_07

Change the POS for the MA in Mathematics, College Teaching Concentration 264-B.

PROPOSED 2020-2021

Mathematics - College Teaching Concentration, MA

Program code: MA_264B

CIP Code: 27.0101

Program of Study for the Master of Arts in Mathematics

Admission Requirements: Baccalaureate degree from an accredited college or university; **complete application to the Graduate School**; official general GRE exam scores; undergraduate coursework in statistics, linear algebra, and analysis. In extenuating circumstances, an applicant may obtain permission to remove deficiencies in coursework after entering the graduate program.

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 Mathematics

Total Required (Minimum 36 Hours)

Required Courses (~~45-18~~ Hours)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

-
- **MAT 5330 - Mathematical Models (3)**
 - **MAT 5230 - Linear Algebra (3)**
 - **MAT 5610 - Analysis I (3)**
 - **STT 5810 – Computational Probability (3)**
 - **STT 5811 - Statistical Concepts and Applications I (3)**
 - 3 hours of mathematics or statistics content courses chosen with advisor approval.

Concentration Requirements (1824 Hours)

-
- **MAT 5420 - Teaching Apprenticeship (1)** (1 + 1 = 2)
 - **MAT 5415 - Seminar in the Pedagogy of Mathematics (1)**
 - **MAT 5620 - Analysis II (3)**
 - ~~**STT 5812 – Statistical Concepts and Applications II with Probability Modeling (3)**~~
 - **MAT 5600 - Directed Research in Mathematical Sciences (1-3)** (3 hours total)
 - 6 hours of elective coursework chosen with advisor approval; students wishing to complete a thesis should select **MAT 5999 (3)** as one of their elective courses

Choose One of the Following

-
- **MAT 5941 - Technology for Teaching Mathematics (3)**
 - **MAT 5910 - Investigation in the Teaching of Mathematics (3)**

Other Requirements for the MA in Mathematics

-
- **Thesis:** Optional
 - **Proficiency:** Not Required
 - **Comprehensive:** Required; see the program director for information on content and timing.
 - **Product of Learning:** Required for the Secondary Teaching Concentration.

G_CAS_MAT_2019_08

Change the POS for the MA in Mathematics, Secondary Teaching Concentration 264C.

PROPOSED 2020-2021

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Mathematics - Secondary Teaching Concentration, MA

Program code: MA_264C
CIP Code: 27.0101

Program of Study for the Master of Arts in Mathematics

Admission Requirements: Baccalaureate degree from an accredited college or university; **complete application to the Graduate School**; official general GRE exam scores; undergraduate coursework in statistics, linear algebra, and analysis. In extenuating circumstances, an applicant may obtain permission to remove deficiencies in coursework after entering the graduate program.

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

Additional Admission Requirements

Students wishing to pursue the Secondary Teaching Concentration must hold NC "A" licensure or the equivalent in mathematics or a related field.

Course Requirements for the Master of Arts in Mathematics

Total Required (Minimum 36 Hours)

Required Courses (~~185~~ Hours)

- **MAT 5330 - Mathematical Models (3)**
- **MAT 5230 - Linear Algebra (3)**
- **MAT 5610 - Analysis I (3)**
- **STT 5810 – Computational Probability (3)**
- **STT 5811 - Statistical Concepts and Applications I (3)**

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

- 3 hours of mathematics or statistics content courses chosen with advisor approval.

Concentration Requirements (~~21~~18 Hours)

The Secondary Teaching Concentration is designed to meet the advanced competencies as mandated in the North Carolina Excellent Schools Act for Master-level teacher education program and leads to "M" Licensure in North Carolina.

- **C I 5045 - Advanced Topics in Diversity (3)**
- or
- **SPE 5045 - Advanced Topics in Diversity (3)**
-
- **C I 5585 - Teacher Leadership and School Improvement (3)**
- or
- **LSA 5585 - Teacher Leadership and School Improvement (3)**
-
- **MAT 5520 - Capstone Project in Secondary Education (1-2) (2)**
- **MAT 5525 - Product of Learning (1-3) (1+1=2)**
- **MAT 5910 - Investigation in the Teaching of Mathematics (3)**
- ~~5~~**8**-hours of elective coursework chosen with advisor approval

Other Requirements for the MA in Mathematics

- **Thesis:** Optional
- **Proficiency:** Not Required
- **Comprehensive:** Required; see the program director for information on content and timing.
- **Product of Learning:** Required for the Secondary Teaching Concentration.

G_CAS_MAT_2019_09

Change the POS for the Mathematics - College Teaching Concentration, MA and Engineering Physics - Systems and Laboratory Automation Concentration, MS (MA_264B and MS_113B).

PROPOSED 2020-2021

Mathematics - College Teaching Concentration, MA and Engineering Physics - Systems and Laboratory Automation Concentration, MS

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Program Codes: MA_264B and
MS_113B CIP Codes: 27.0101
and 40.0801

Program of Study for the Master of Arts in Mathematics and the Master of Science in Engineering Physics

Admission Requirements: Baccalaureate degree in physics, astronomy, or any science or related area such as mathematics, computer science, or engineering from an accredited college or university; **complete application to the Graduate School**; and official general GRE exam scores. Students should also have undergraduate work in single and multivariable calculus, linear algebra, real analysis, and statistics. In certain cases, deficiencies in one of these areas may be remediated after admission.

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.](#)

Course Requirements for the Master of Arts in Mathematics and the Master of Science in Engineering Physics

Total Required (Minimum 54 Hours)

MA in Mathematics Required Courses (18 Hours)

- **MAT 5415 - Seminar in the Pedagogy of Mathematics (1)**
- **MAT 5420 - Teaching Apprenticeship (1)** (1 + 1 = 2)
- **MAT 5600 - Directed Research in Mathematical Sciences (1-3)** (3 hours total)
- **MAT 5610 - Analysis I (3)**
- **MAT 5620 - Analysis II (3)**
- ~~**STT 5812 – Statistical Concepts and Applications II with Probability Modeling (3)**~~
- [STT 5811 – Statistical Concepts and Applications I \(3\)](#)

Choose One (3 Hours)

- **MAT 5910 - Investigation in the Teaching of Mathematics (3)**
- **MAT 5941 - Technology for Teaching Mathematics (3)**

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

MS in Engineering Physics Required Courses (18 Hours)

- **PHY 5011 - Applied Physics Colloquium (0)** (all students must enroll at least two times)
- [PHY 5330 - Digital Electronics \(4\)](#)
- **PHY 5400 - Professional Skills (1)**
- **PHY 5730 - Analog Systems (4)**

Choose One (3 Hours)

- **PHY 5550 - Directed Research in Applied Physics (1-3)** (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

Shared Courses (18 Hours)

- **MAT 5230 - Linear Algebra (3)**
- **MAT 5330 - Mathematical Models (3)**
- **PHY 5405 - Graduate Seminar (1)**
- **PHY 5735 - Microcontrollers (4)**
- **PHY 5740 - Sensors and Transducers (4)**
- ~~STT 5811 – Statistical Concepts and Applications I (3)~~
- [STT 5810 – Computational Probability \(3\)](#)

Other Requirements for the Dual MA in Mathematics and MS in Engineering Physics

- Thesis: Optional requirement of the MS in Engineering Physics (as approved elective)
- Proficiency: Not Required
- Candidacy: Required for the thesis option
- Comprehensive: Required in both programs; see the program directors for information on content and timing
- Product of Learning: Not required

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

G_CAS/COB_P&A/ADA_2019_01

Add a dual degree comprising the Master of Science in Engineering Physics / Systems and Laboratory Automation Concentration and the Master of Science in Applied Data Analytics / Interdisciplinary Analytics Concentration.

Graduate Bulletin
Appalachian State University

PROPOSED COPY

Dual Degrees: Engineering Physics – Systems and Laboratory Automation Concentration, MS and Applied Data Analytics – Interdisciplinary Analytics Concentration, MS

Program Code: MS_113B and MS_304D CIP Code:
40.0801 and 11.0802

Program of Study for the Master of Science in Engineering Physics and the Master of Science in Applied Data Analytics

Admission Requirements: Baccalaureate degree in physics or any science or related area such as mathematics, computer science, or engineering from an accredited college or university; [complete application to the Graduate School](#); official general GRE exam scores; evidence of knowledge in statistics and economics 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 this condition does not guarantee admission.

Location: On Campus

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)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

- PHY 5730 – Analog Systems (4)

Choose One (3 Hours)

-
- PHY 5900 – Internship (1+1+1=3)
 - PHY 5550 – Directed Research in Applied Physics (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)
 - ECO 5720 – Applied Econometrics (3)
 - ECO 5740 – Forecasting and Time Series Models (3)
 - MBA 5200 – Problem Analysis and Quantitative Methods (3)

Choose One (3 Hours)

-
- CIS 5860 – Applied Analytics Project (3)
 - MBA 5999 – Thesis (3)

Shared Courses (18 Hours)

-
- CIS 5450 – Project Management and Visualization (3)
 - CS 5245 – Data Programming (3)
 - MBA 5650 – Web Analytics, Data Privacy and Security (3)
 - MBA 5820 – Executive Skills (0) (all students must enroll during the final semester)
 - PHY 5011 – Applied Physics Colloquium (0) (all students must enroll at least one time)
 - PHY 5400 – Professional Skills (1)
 - PHY 5735 – Microcontrollers (4)
 - PHY 5740 – Sensors and Transducers (4)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Other Requirements for the Dual MS in Technology and MS in Engineering Physics

- Thesis: Optional for both programs. For Engineering Physics, physics thesis hours would count as an approved elective.
- Proficiency: Not Required for either program.
- Candidacy: Required for the thesis option for Engineering Physics; admission to candidacy is awarded upon approval of thesis committee and prospectus. Required for Applied Data Analytics; Students must demonstrate knowledge and ability in technology, statistical methods, business case analysis and professional presentation skills through a program level final project reviewed presentation.
- Comprehensive: Required for Engineering Physics. An oral defense of the thesis is required for the thesis option. For the non-thesis option, a written and oral comprehensive examination is required. Not required for Applied Data Analytics.
- Product of Learning: Not required for either program.

G_CAS_PSY_2019_01

Change name of PSY 6114 (Child and Adolescent Evidence-Based Interventions) to "Evidence-Based Psychotherapy for Youth."

PSY 6114 - Evidence-Based Psychotherapy for Youth (3)

When Offered: Fall

The main learning objective is for students to become well versed in the knowledge necessary to appropriately select empirically supported interventions for young people across settings (clinics, communities) and systems of care (e.g., hospitals, schools). Second, ample time will be devoted to the competent application of this knowledge (i.e., clinical competencies) when treating the most prevalent childhood conditions and related issues, including autism spectrum disorders, depression, anxiety, disruptive behavioral disorders (i.e., ADHD, ODD, CD, substance abuse) and the transdiagnostic features across these conditions (e.g., difficulties with behavioral and emotional regulation).

Prerequisites: PSY 6105 Developmental Psychopathology or equivalent, or approval of instructor.

G_COE_CI_2019_1

Change the POS for the Curriculum Specialist MA (Major Code: 416A/13.0301) as follows:

- 1) Delete CI 5525 (3 hrs) Product of Learning from the POS
- 2) Delete LSA 5010, Public School Administration (3 hrs) from the POS
- 3) Add CI 5880 Educational Regulations and Policies
- 4) Remove electives.

~~2019-2020~~2020-2021 Graduate Bulletin

Appalachian State
University

Curriculum Specialist, MA

Program Code: MA_416A
CIP Code: 13.0301

Program of Study for the Master of Arts, Curriculum Specialist

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

+Advanced Licensure: Requirements for this degree were designed, and have been approved by the appropriate bodies at the state level, to meet the advanced competencies as mandated in the North Carolina Excellent Schools Act for Master-level teacher education programs.

Admission Requirements: Baccalaureate degree from an accredited college or university; **complete application to the Graduate School**; official general GRE or MAT exam scores; North Carolina "A" license or the equivalent from another state.

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

Location: On Campus and Off Campus; Off-Campus cohorts begin periodically, and follow a part-time extended format.

Course Requirements for the Master of Arts - Curriculum Specialist

Total Required (Minimum ~~39~~ 33 Hours)

Required Courses (~~34 to 36~~ 33 Hours)

[C I 5040 - Teacher as Researcher \(3\)](#)

- **C I 5045 - Advanced Topics in Diversity (3)**

- or

- **SPE 5045 - Advanced Topics in Diversity (3)**

□

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

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

- **C I 5060 - Curriculum Planning (2-3) (3 hours)**

~~□ C I 5525 - Product of Learning (1-3)~~

□

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

- or

- **LSA 5585 - Teacher Leadership and School Improvement (3)**

□

~~□ LSA 5010 - Public School Administration (3)~~

- **C I 5041 - Assessment to Improve Learning and Inform Teaching (3)**

- **C I 5581 - Advanced Curriculum Design (3)**

- **CI 5880 - Educational Regulations and Policies (3)**

- **C I 5910 - Applied Curriculum Specialist Skills (3)**

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Effective Fall 2020 unless otherwise noted.

Choose One Course From Below

-
- ~~C I 5040 – Teacher as Researcher (3)~~
 - ~~R E 5040 – Teacher as Researcher (3)~~
 - ~~RES 5040 – Teacher as Researcher (3)~~
 - ~~SPE 5040 – Teacher as Researcher (3)~~
 - ~~RES 5560 – Classroom Assessment (3)~~

Choose One Course From the Two Below

-
- **C I 5630 - Instructional Technology (3)**
 - **ITC 5220 - Digital Technologies in Education (3)**

Electives (3 to 5 Hours)

-
- ~~3-5 hours of graduate courses to be selected with the advice and approval of the graduate advisor~~

Other Requirements for the MA - Curriculum Specialist

-
- **Thesis:** Not required
 - **Proficiency:** Not required
 - **Candidacy:** Not required
 - **Comprehensive:** Not required
 - Product of Learning:** Required
 - [Product of Learning \(POL\) portfolios posted on TK20, POL presentations to faculty and school personnel, and POL grading rubrics will all remain the same. The program advisor will continue to monitor the POL progress and will take responsibility for grading the POL during the student's final semester in the program.](#)

For Additional Information: Please visit the following website: currspec.appstate.edu

G_COE_EDL_2019_1

Add new language to course description on EDL 7999 to provide guidance for faculty grading.

EDL 7999 - Dissertation (1-9)

When Offered: On Demand

Students must complete a minimum of 6 s.h. to satisfy the Ed.D. degree requirements. Students are advised to register for 3 s.h. for two consecutive semesters to complete requirements. If requirements are not complete at this time, students will continue to register for a minimum of 1 s.h. until the dissertation is complete. Graded on an SP/UP

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Effective Fall 2020 unless otherwise noted.

basis until the dissertation has been successfully defended and received final approval, at which time all grades will be changed to S.

GU_COE_FCS_2019_1

Change the title of FCS 4611 and FCS 5611 (dual listed in undergraduate and graduate) from Psychosocial Care of Families and Children in the Hospital to Introduction to Child Life.

FCS 4611 - Introduction to Child Life (3) When Offered: Summer Session

This course is designed to prepare students to work in non-medical professions with families and children in a hospital setting. The course includes an understanding of procedures, illnesses, and stress along with theory and practice to better serve families. This course is taught by a Certified Child Life Specialist and meets the requirements for the Child Life Council.

[Dual-listed with FCS 5611.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

FCS 5611 – Introduction to Child Life (3) When Offered: Summer Session

This course is designed to prepare students to work in non-medical professions with families and children in a hospital setting. The course includes an understanding of procedures, illnesses, and stress along with theory and practice to better serve families. This course is taught by a Certified Child Life Specialist and meets the requirements for the Child Life Council.

[Dual-listed with FCS 4611.]

G_COE_LES_HE_2019_1

Change HE 6861 to be called "The History and Law of American Higher Education" and update catalog description accordingly.

*HE 6861 - The History and Law of American Higher Education (3)
When Offered: On Demand*

This course is specifically designed to give students a broad knowledge-base of the purpose, function, and governance of higher education in the United States. This course will explore the dynamics of American higher education through an examination of its historical development over time, as well as introduce the laws and legal issues that are most-pressing for higher education institutions and their leaders.

G_COE_LES_HE_2019_2

Add the following course: HE 5160 - Supervising and Advising in Higher Education.

*HE 5160 - Supervising and Advising in Higher Education (3)
When Offered: On Demand*

This course is a study of supervising and advising strategies for use with students or professionals. The goal of this course is to develop course participants' knowledge of various processes, approaches, and techniques for effective practice as higher education professionals.

G_COE_LES_HE_2019_3

Add new course: HE 5380 - Diversity in Higher Education.

*HE 5380 - Diversity in Higher Education (3)
When Offered: On Demand*

This course explores introductory and intermediate concepts regarding identity, equity, and inclusion in higher education. Moving beyond theory, the course overviews considerations for practical application in educational environments.

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

G_COE_LES_HE_2019_4

Add a new course: HE 5860 - The 21st Century College Student.

HE 5860 - The 21st Century College Student (3)

When Offered: On Demand

This course is intended to give students a deeper understanding of the current generational culture to which today's college students belong and provide greater insight into the multi-dimensional nature of adult student learning and development. This course will explore learning and development theories that will enable students to become more informed and effective in their work as learning leaders in higher education. By focusing on major theories of adult student development and its implications for educational practice and policy in postsecondary education, students will be able to grasp a better understanding of learning across the many spaces and roles we inhabit, including classrooms, offices, communities, and families.

G_COE_LES_HE_2019_5

Change the program of study for MA in Higher Education, Community College & University Leadership Concentration (MA_454G) to remove the following courses: HE 5440, HE 5635, HE 5640, HE 5650, and HE 5990.

The following courses will be added: HE 5530, HE 5420, HE 5380 - Diversity in Higher Education (new course), HE 5160 - Supervising & Advising in Higher Education (new course), and HE 5860 - The 21st Century College Student (new course).

~~2019-2020~~2020-2021 Graduate Bulletin

Appalachian State University

Higher Education - Community College and University Leadership Concentration, MA

Program Code: MA_454G

CIP Code: 13.0406

Program of Study for the Master of Arts in Higher Education

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

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

Location: On Campus and Off Campus; On-Campus and Off-Campus cohorts begin periodically and follow a part-time hybrid (mixture of face-to-face and online) format.

Course Requirements for the Master of Arts in Higher Education

Total Required (Minimum 36 Hours)

Required Courses (~~12~~9 Hours)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

- [RES 5000 - Research Methods \(3\)](#)
- [H E 5380 – Diversity in Higher Education \(3\)](#)
- ☐ ~~[H E 5635 – Adult Development and Learning Theories \(3\)](#)~~
- ☐ ~~[H E 5440 – College and University Teaching \(3\)](#)~~
- [H E 6861 – The History and Law of American Higher Education \(3\)](#)

Concentration Requirements (24-27 Hours)

-
- ☐ [H E 5160 – Supervising and Advising in Higher Education \(3\)](#)
 - ☐ [H E 5420 – Community Colleges \(3\)](#)
 - [H E 5430 - Organization and Governance in Higher Education \(3\)](#)
 - [H E 5530 – Globalization in Higher Education \(3\)](#)
 - ☐ ~~[H E 5640 – College Access and Student Success \(3\)](#)~~
 - ☐ ~~[H E 5650 – Curriculum in Higher Education \(3\)](#)~~
 - [H E 5700 - Leadership in Higher Education \(3\)](#)
 - [H E 5840 - Higher Education Finance \(3\)](#)
 - [H E 5860 – The 21st Century College Student \(3\)](#)
 - ☐ ~~[H E 5990 – Ethical and Legal Issues in Higher Education \(3\)](#)~~

Choice of Thesis or Non-Thesis Option

-
- ☐ [H E 5999 - Thesis \(2-4\)](#)
 - or
 - 6 hours of graduate electives chosen based on career interests with the advice and approval of the graduate advisor

Other Requirements for the MA in Higher Education

-
- **Thesis:** A thesis is optional for the concentrations in Adult and Developmental Education (454F) and Community College and University Leadership (454G), in lieu of elective courses. A thesis consists of 6 hours spread over a minimum of 2 semesters.
 - **Proficiency:** Not required
 - **Candidacy:** Required; see the program director for specific timeline and requirements for admission to candidacy
 - **Comprehensive:** Students must successfully complete a written comprehensive exam.
 - **Product of Learning:** Not required

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

G_COE_LES_HE_2019_6

Change the program of study for MA in Higher Education, Adult & Developmental Education Concentration (MA_454F) to remove the following courses: HE 5440, HE 5635, HE 5730, and HE 5650.

The following courses will be added: HE 5420, HE 5380 - Diversity in Higher Education (new course), HE 5160 - Supervision & Advising (new course), and HE 5860 - The 21st Century College Student (new course).

~~2019-2020~~2020-2021 Graduate Bulletin

Appalachian State University

Higher Education - Adult and Developmental Education Concentration, MA

Program Code: MA_454F

CIP Code: 13.0406

Program of Study for the Master of Arts in Higher Education

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

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

Location: On Campus and Off Campus; On-Campus and Off-Campus cohorts begin periodically and follow a part-time hybrid (mixture of face-to-face and online) format.

Course Requirements for the Master of Arts in Higher Education

Total Required (Minimum 36 Hours)

Required Courses (~~12~~9 Hours)

- [RES 5000 - Research Methods \(3\)](#)
- [H E 5380 – Diversity in Higher Education \(3\)](#)
- ~~[H E 5635 – Adult Development and Learning Theories \(3\)](#)~~
- ~~[H E 5440 – College and University Teaching \(3\)](#)~~
- [H E 6861 – The History and Law of American Higher Education \(3\)](#)

Concentration Requirements (~~24~~27 Hours)

- [H E 5090 - Adult and Developmental Education \(3\)](#)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

- [H E 5640 - College Access and Student Success \(3\)](#)

Completion of One of the Following Two Options

Option A

- 18 hours of advisor-approved graduate electives in a discipline such as English, reading, math, or ESL

Option B

[H E 5160 – Supervising and Advising in Higher Education \(3\)](#)

[H E 5420 – Community Colleges \(3\)](#)

~~[H E 5650 – Curriculum in Higher Education \(3\)](#)~~

• [H E 5720 - Program Development \(3\)](#)

~~[H E 5730 – Assessment and Evaluation \(3\)](#)~~

• [H E 5740 - Learning Assistance in Higher Education \(3\)](#)

• [H E 5860 – The 21st Century College Student \(3\)](#)

Choice of Thesis or Non-Thesis Option

[H E 5999 - Thesis \(2-4\)](#)

• or

• 6 hours of graduate electives chosen based on career interests with the advice and approval of the graduate advisor

Other Requirements for the MA in Higher Education

• **Thesis:** A thesis is optional for the concentrations in Adult and Developmental Education (454F) and Community College and University Leadership (454G), in lieu of elective courses. A thesis consists of 6 hours spread over a minimum of 2 semesters.

- **Proficiency:** Not required
- **Candidacy:** Required; see the program director for specific timeline and requirements for admission to candidacy
- **Comprehensive:** Students must successfully complete a written comprehensive exam.
- **Product of Learning:** Not required

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Request the addition of a graduate level, post-baccalaureate certificate in College & University Teaching. It will be a 12 credit hour certificate focused on developing skill and knowledge with teaching adult learners in post-secondary settings (2 or 4 year institutions).

Three new courses will be added to the existing HE 5440 College and University Teaching course to make up the 12 credit hour certificate. The three new courses are:

1. HE 5210 - Teaching for Equity and Inclusion (3),
2. HE 5220 - Exploring Digital Learning Environments in Postsecondary Education (3), and;
3. HE 5230 - Advanced Seminar in College and University Teaching (3).

G_COE_LES_HE_2019_8 ATTACHMENT A

Proposal for a New Graduate Certificate in College and University Teaching at Appalachian State University

PROPOSED CATALOG COPY:

PROGRAM OF STUDY FOR THE POST-BACCALEAURATE GRADUATE CERTIFICATE IN COLLEGE AND UNIVERSITY TEACHING

Admission requirements: Bachelor's degree in any field from an accredited college or university; complete application to the Graduate School.

Location: Online

Course Requirements for the Graduate Certificate in College and University Teaching (Code: XXX) Semester Hours Required (minimum): 12

Required Courses	<ul style="list-style-type: none">● HE 5440: College and University Teaching● HE 5210: Teaching for Equity and Inclusion● HE 5220: Digital Learning in Higher Education● HE 5230: Advanced Seminar in College and University Teaching	12 s.h. (all courses offered on demand)
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2020-2021 Graduate Bulletin

Appalachian State University

College and University Teaching (**Proposed**)

Program Code: GCERT_??? CIP

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Code: ??.???

Program of Study for the Post-Master's Graduate Certificate in College and University Teaching

Admission Requirements: Bachelor's degree in any field from an accredited college or university;
[complete application to the Graduate School.](#)

Location: Online

Course Requirements for the Graduate Certificate in College and University Teaching

Total Required (Minimum 12 Hours)

Required Courses (12 Hours)

- H E 5210 – Teaching for Equity and Inclusion (3)
- H E 5220 – Digital Learning in Higher Education (3)
- H E 5230 – Advanced Seminar in College and University Teaching (3)
- H E 5440 – College and University Teaching (3)

G_COE_LES_HE_2019_8

Add new course: HE 5210 - Teaching for Equity and Inclusion in support of new graduate certificate in College and University Teaching (G_COE_LES_HE_2019_11).

HE 5210 - Teaching for Equity and Inclusion (3)

When Offered: On Demand

This course will expose learners to a variety of methods, strategies, and frameworks that can be applied to courses in order to create a supportive environment that reduces barriers to learning. In this course, learners will take into account the range of perspectives and needs of today's adult learners and will identify approaches and strategies that promote community and sense of belonging while reducing barriers to learning. Specifically, learners will be asked to analyze and apply models of culturally responsive teaching and develop methods and activities based on principles of universal design.

G_COE_LES_HE_2019_9

Add a new course: HE 5220-Exploring Digital Learning Environments in Postsecondary Education in support of new graduate certificate in College and University Teaching (G_COE_LES_HE_2019_11).

HE 5220 - Exploring Digital Learning Environments in Postsecondary Education (3)

When Offered: On Demand

This course provides learners with an opportunity to explore the role that current and emerging technologies play in the postsecondary teaching and learning sector. Learners will analyze trends and impacts of technologies and will explore a variety of digital learning approaches. Developing knowledge of approaches to leveraging the affordances of technologies related to evidence-based approaches to teaching and learning will be emphasized. Models and frameworks of design that can be leveraged to develop effective online, blended, flipped, and technology-intensive courses will also be addressed.

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Emphasis is placed on the students' reflective exploration, planning, and implementation of various learning technologies in authentic instructional settings, including online course development.

G_COE_LES_HE_2019_10

Add a new course: HE 5230 - Advanced Seminar in College and University Teaching. This will be part of a new proposed graduate certificate (G_COE_LES_HE_2019_11).

HE 5230 - Advanced Seminar in College and University Teaching (3)

When Offered: On Demand

Prerequisite: HE 5440 - College and University Teaching

This advanced seminar will provide learners with opportunities to further develop the skills and knowledge related to facilitating, managing, and evaluating learning experiences in higher education. Opportunities to apply knowledge and critically reflect on approaches and applications will be provided. This course will provide learners with opportunities to deepen their knowledge of both the pedagogical and practical aspects of teaching college and university level courses.

G_COE_LES_HE_2019_7

Change the program of study for MA in Higher Education, Teaching Concentration (MA_454E) to remove the following courses: HE 5050, HE 5635, and HE 6900.

The following courses will be added: HE 5220 - Exploring Digital Learning Environments in Postsecondary Education (new course), HE 5230 - Advanced Seminar in College and University Teaching (new course), and HE 5380 - Diversity in Higher Education (new course). Additionally, HE 5440 (College and University Teaching) will be moved from the Core Requirement to Concentration Requirement.

~~2019-2020~~ 2020-2021 Graduate Bulletin

Appalachian State University

Higher Education - Teaching Concentration, MA

Program Code: MA_454E

CIP Code: 13.0406

Program of Study for the Master of Arts in Higher Education

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

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

Location: On Campus and Off Campus; On-Campus and Off-Campus cohorts begin periodically and follow a part-time hybrid (mixture of face-to-face and online) format.

Course Requirements for the Master of Arts in Higher Education

Total Required (Minimum 36 Hours)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Required Courses (12-9 Hours)

- [RES 5000 - Research Methods \(3\)](#)
- [H E 5380 – Diversity in Higher Education \(3\)](#)
- ~~[H E 5635 – Adult Development and Learning Theories \(3\)](#)~~
- ~~[H E 5440 – College and University Teaching \(3\)](#)~~
- [H E 6861 - American Higher Education \(3\)](#)

Concentration Requirements (24-27 Hours)

- ~~[H E 5050 – Designing Adult Learning Experiences Using Technology \(3\)](#)~~
- [H E 5220 – Exploring Digital Learning Environments in Postsecondary Education \(3\)](#)
- [H E 5230 – Advanced Seminar in College and University Teaching \(3\)](#)
- [H E 5440 – College and University Teaching \(3\)](#)
- ~~[H E 6900 – Higher Education Internship/Field Study \(2-8\)](#)~~
- 18 hours of advisor-approved graduate electives in a teaching/subject discipline chosen with assistance from faculty in the discipline

Other Requirements for the MA in Higher Education

- **Thesis:** A thesis is optional for the concentrations in Adult and Developmental Education (454F) and Community College and University Leadership (454G), in lieu of elective courses. A thesis consists of 6 hours spread over a minimum of 2 semesters.
- **Proficiency:** Not required
- **Candidacy:** Required; see the program director for specific timeline and requirements for admission to candidacy
- **Comprehensive:** Students must successfully complete a written comprehensive exam.
- **Product of Learning:** Not required

G_COE_RESE_RE_2019_1

Change course description for RE 5725 - Practicum in the Clinical Teaching of Reading to remove corequisite: RE 5740. Change when offered to On Demand.

RE 5725 - Practicum in the Clinical Teaching of Reading (3)

When Offered: On Demand

Provides students with a closely supervised practicum experience in which they assess and teach children/adults who are experiencing reading difficulties.

Prerequisite: RE 5715

G_COE_RESE_RE_2019_2

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Change course description for RE 5740 - Seminar in the Clinical Teaching of Reading to remove corequisite: RE 5725. Change when offered to On Demand.

R E 5740 - Seminar in the Clinical Teaching of Reading (3)

When Offered: On Demand

Provides students with experiences designed to enable application to general education settings of insights gained through assessing and teaching children/adults who are experiencing reading difficulties.

Prerequisite: R E 5715.

G_COE_RESE_RE_2019_3

Change course description for RE 5735 - Practicum in Teaching Severely Disabled Readers to add prerequisite: RE 5715.

R E 5735 - Practicum in Teaching Severely Disabled Readers (3)

When Offered: On Demand

This course provides a supervised clinical teaching experience with severely disabled readers. Students are guided in the use of systematic multisensory reading instruction. The topic of reading disability will be investigated throughout the semester. Prerequisite: RE 5715

G_COE_RESE_RE_2019_5

Change POS Reading Education - Classroom Clinical Concentration, MA_477E Change total hours from 39 to 36.

Delete courses not being offered and change requirement for clinical practicum to offer options.

Reduce hours for concentration requirement and add hours to electives.

Proposed POS

**Reading Education - Classroom/Clinical
Concentration (leads to advanced teaching
licensure), MA**

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Program Code: MA_477E

CIP Code: 13.1315

Program of Study for the Master of Arts in Reading Education, General With A Concentration in Classroom/Clinical

Advanced Licensure: Requirements for this concentration were designed, and have been approved by the appropriate bodies at the state level, to meet the advanced competencies as mandated in the North Carolina Excellent Schools Act for Master-level (M-level) teacher education programs ONLY for students with A-level license from North Carolina or equivalent. Graduates seeking M-level license must have A-level license at the time of application for M-level license.

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

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

* Applicants to this program may be eligible for a standardized exam waiver. For details please see the [Admission Requirements](#) information.

Location: On Campus and Off Campus; Off-Campus applications are accepted on a rolling basis; please contact the Office of Distance Education for locations (distance.appstate.edu).

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Course Requirements for the Master of Arts in Reading Education, General with a Concentration in Classroom/Clinical

Total Required (Minimum ~~36 W/ Thesis or 39 Hours~~ 36 Hours)

Required Courses (6 Hours)

Research Course (3 Hours)

Choose one:

~~[C I 5040 - Teacher as Researcher \(3\)](#)~~

[R E 5040 - Teacher as Researcher \(3\)](#)

[RES 5040 - Teacher as Researcher \(3\)](#)

[SPE 5040 - Teacher as Researcher \(3\)](#)

[RES 5000 - Research Methods \(3\)](#)

[RES 5560 - Classroom Assessment \(3\)](#)

[SPE 5030 - Research Informing Practice in Special Education \(3\)](#)

Clinical Teaching Course (3 Hours)

Choose one:

~~[R E 5220 - Teaching Intermediate Struggling Readers \(3\)](#)~~

~~[R E 5725 - Practicum in the Clinical Teaching of Reading \(3\)](#)~~

~~[R E 5735 - Practicum in Teaching Severely Disabled Readers \(3\)](#)~~

~~**Social/Anthropological/Philosophical Foundations Course (3 Hours)**~~

~~Choose one:~~

~~[FDN 5840 - Social and Philosophical Foundations of Education \(3\)](#)~~

~~Equivalent graduate course approved by the advisor (3)~~

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Concentration Requirements (15 Hours)

[R E 5100 - Teaching Beginning Readers and Writers \(3\)](#) [R E](#)

[5130 - Teaching the Language Arts \(3\)](#)

[R E 5140 - Advanced Study of Children's Literature \(3\)](#) [R E](#)

[5715 - Reading Assessment and Correction \(3\)](#)

~~[R E 5725 - Practicum in the Clinical Teaching of Reading \(3\)](#)~~

[R E 5730 - Reading and Writing Instruction for Intermediate and Advanced Learners \(3\)](#) ~~[R E](#)~~

~~[5740 - Seminar in the Clinical Teaching of Reading \(3\)](#)~~

Equivalent graduate course approved by the advisor may substitute for any of the courses above.

Thesis Option (~~9-12 Hours~~)-(15 Hours)

Choose one:

With Thesis (~~9 Hours~~)-(15 Hours)

[R E 5999 - Thesis \(1-4\)](#) (3 Hours)

~~6-12~~ hours of graduate electives chosen with the graduate advisor's approval, ~~see the Reading Education, Classroom/Clinical concentration check sheet for a list of suggested electives~~

Without Thesis (~~12 Hours~~)-(15 Hours)

[R E 5525 - Product of Learning \(1-3\)](#) (3 Hours)

~~9-12~~ hours of graduate electives chosen with the graduate advisor's approval, ~~see the Reading Education, Classroom/Clinical concentration check sheet for a list of suggested electives~~

Other Requirements for the MA in Reading Education, General
(Classroom/Clinical Concentration)

Thesis: Optional **Proficiency:**

None required **Candidacy:** Not

Required

Comprehensive: Not Required

Product of Learning: R E 5525 is required unless the thesis option is selected.

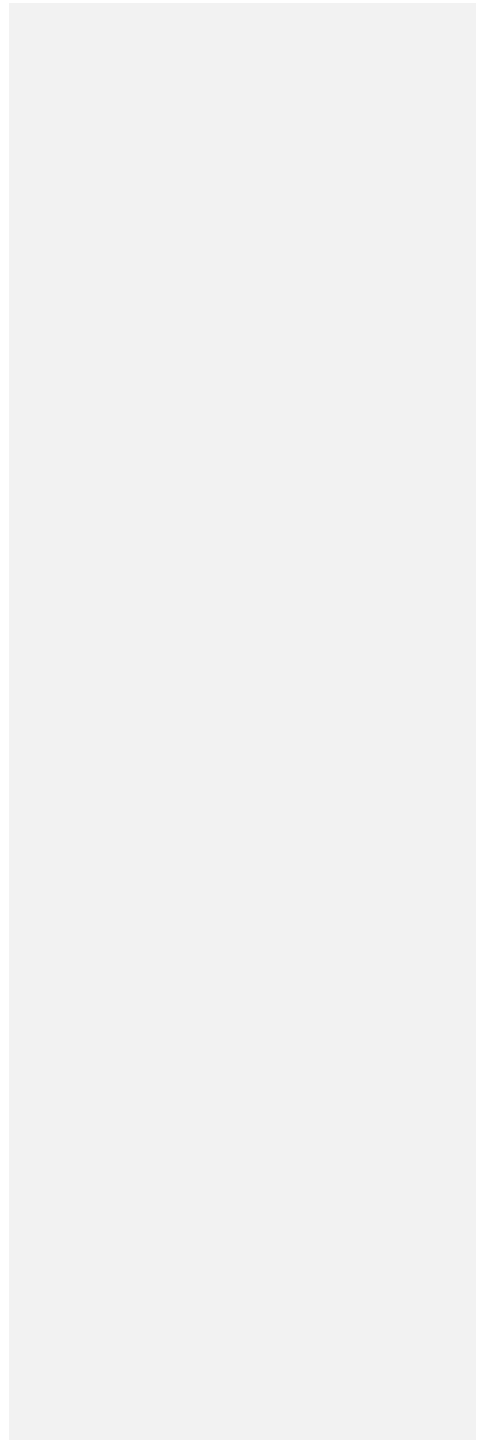
Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

G_COE_RESE_RE_2019_4

Change POS Reading Education Graduate Certificate by adding courses to the list of possible courses. Reading Education Graduate Certificate [GCERT_449A].

Proposed POS

Reading Education Graduate Certificate



Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Program Code: GCERT_449A

CIP Code: 13.1315

Program of Study for the Graduate Certificate in Reading Education

This certificate does not lead to NC licensure; however, completion of the 18-hour certificate partially fulfills the 24-hour requirement for the add-on Reading Education license for NC and may be used toward the fulfillment of the ~~39-hour~~–36-hour requirement for the MA degree in Reading Education.

Admission Requirements: Baccalaureate degree in **Education**, Reading or a related field from an accredited college or university; [complete application to the Graduate School](#).

Location: On Campus and Off Campus; Off-Campus applications are accepted on a rolling basis; please contact the Office of Distance Education for locations (distance.appstate.edu).

Course Requirements for the Graduate Certificate in Reading Education

Total Required (Minimum 18 Hours)

Required Courses (18 Hours)

Students will select six courses for 18 hours from the following:

[R E 5010 - Literacy Instruction and Assessment for Students with Autism \(3\)](#)

[R E 5040 - Teacher as Researcher \(3\)](#)

[R E 5100 - Teaching Beginning Readers and Writers \(3\)](#)

[R E 5111 - Issues, Trends, and Practices in Reading \(2-3\)](#)

[R E 5130 - Teaching the Language Arts \(3\)](#)

[R E 5140 - Advanced Study of Children's Literature \(3\)](#)

[R E 5210 - Educating Students with Reading Disabilities \(3\)](#)

[R E 5220 - Teaching Intermediate Struggling Readers \(3\)](#)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

[R E 5530-5549 - Selected Topics \(1-4\) \(when the topic is related to literacy, 3 hours\) R E](#)
[5570 - Reading Curriculum: Organization, Supervision and Assessment \(3\)](#)
[R E 5710 - Seminar in Reading and Language Arts Research \(3\) R E](#)
[5715 - Reading Assessment and Correction \(3\)](#)
[R E 5725 - Practicum in the Clinical Teaching of Reading \(3\)](#)
[R E 5730 - Reading and Writing Instruction for Intermediate and Advanced Learners \(3\) R E](#)
[5735 - Practicum in Teaching Severely Disabled Readers \(3\)](#)
[R E 5740 - Seminar in the Clinical Teaching of Reading \(3\) R E](#)
[6120 - Psychological Processes in Reading \(3\)](#)
[R E 6568 - Language and Linguistics in Reading \(3\) R E](#)
[6575 - Technology and Literacy \(3\)](#)
[R E 6700 - Historical Trends in Reading Theory and Research \(3\) R E](#)
[6731 - Advanced Issues in Literacy and Learning \(3\)](#)
[R E 6735 - Severe Reading Disability \(3\)](#)
[R E 7570 - Administering Reading/Language Arts Programs: The Research Base \(3\) R E](#)
[7710 - Improving Reading/Language Arts Instruction in the Schools: Problem- Solving Seminar for Administrators \(3\)](#)

[Additional graduate courses may substitute for those listed above with permission of advisor from Reading Education](#)

G_COE_RESE_SPE_2019_1

Change the name of SPE 5210: Psychoeducational Approaches to Emotional and Behavioral Disorders to SPE 5210: Relationship-Based Interventions for Students with Emotional and Behavioral Disorders

Change When Offered to On Demand Proposed abbreviation for registrar: Relation-base Interv EBD

SPE 5210 - Relationship-Based Interventions for Students with Emotional and Behavioral Disorders (3)

When Offered: On Demand

This course covers theories of working with children and youth with behavioral disorders. Psychodynamic, humanistic, and behavioral strategies are examined and applied through readings, small and large group discussions, and analysis of articles and media. A theoretical foundation is built through a review of contrasting perspectives.

G_COE_RESE_SPE_2019_2

Change the name of SPE 5646 - Advanced Studies in Emotional and Behavioral Disorders to SPE 5646 - Advanced Studies of Academic Interventions for Students with Emotional and Behavioral Disorders Proposed abbreviation for registrar: Adv Study Interv EBD.

SPE 5646 - Advanced Studies of Academic Interventions for Students with Emotional and Behavioral Disorders (3)

When Offered: On Demand

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

An advanced course designed to examine educational literature concerning teaching students with emotional and behavioral disorders in core content areas. Relationships between theory, philosophy, research findings, and current practice are analyzed critically.

G_COE_RESE_SPE_2019_3

Change the course name and course description for SPE 5562 - Methods for Educating the Severely Handicapped - to reflect preferred language in the field of special education. Change to Methods for Educating Students with Moderate to Severe Disabilities.

Remove co-requisite: SPE 5564.

Proposed abbreviation for registrar: Meth for Educ Stud Dis

SPE 5562 - Methods for Educating Students with Moderate to Severe Disabilities (3)

When Offered: On Demand

Principles and procedures used to program instruction for students with moderate to severe disabilities are presented and evaluated as to their effectiveness. Students are required to design and implement an instructional program with students with moderate to severe disabilities.

G_COE_RESE_SPE_2019_4

Change the course name and course description for SPE 5564 – Curriculum for the Severely Handicapped - to reflect preferred language in the field of special education. Change to SPE 5564 - Curriculum for Students with Moderate to Severe Disabilities.

Corequisite: SPE 5562 is deleted.

Proposed abbreviation for registrar: Curriculum for Mod to Sev Dis

SPE 5564 - Curriculum for Students with Moderate to Severe Disabilities (3)

When Offered: On Demand

The selection of instructional programs appropriate for use with students with moderate to severe disabilities is emphasized. The student identifies strengths and weaknesses of educational programs and makes recommendations for their use with persons with moderate to severe disabilities.

G_COE_RESE_SPE_2019_5

Change SPE 5130 name from Autism: Contemporary Issues to Assistive Technologies in Support of Individuals with Autism and change description.

SPE 5130 - Assistive Technologies in Support of Individuals with Autism (3)

When Offered: On Demand

The course is designed to present an overview of the different technology tools that can be used to support individuals with autism; evaluate the evidence base for technology supports; and present assessment, design, and intervention options that are appropriate for individuals with Autism.

G_COE_RESE_SPE_2019_6

Add the course SPE 5110 - Nature of Autism as a course for the special education MA program (MA_476A) and autism graduate certificate (GCERT_445A).

SPE 5110 - Nature of Autism (3)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

When Offered: On Demand

The purpose of this course is to develop familiarity with a variety of topics related to autism, including etiologies, diagnosis, characteristics, theories, interventions, and evidence-based supports for individuals across the lifespan. This course is relevant to a range of professionals including those in the fields of education, health, social and emergency services.

G_COE_RESE_SPE_2019_7

Add the course SPE 5150 Advanced Classroom Management and Behavior Support.

SPE 5150 - Advanced Classroom Management and Behavior Support (3)

When Offered: On Demand

An advanced course designed to provide further examination of classroom management strategies specific to addressing classroom behaviors that are potentially problematic. Emphasis will be placed on individualized, specialized and intensive assessment and intervention for classroom behaviors.

G_COE_RESE_SPE_2019_8

Change POS for Special Education MA_476A

Change SPE 5210 name

Change SPE 5646 name

Change SPE 5130 name and description

Add course SPE 5110 Nature of Autism

Add course SPE 5150 Advanced Classroom Management and Behavior Support

Add RES 5000 to options for research requirement and change list of suggested courses for elective hours

Change Thesis to Optional

Proposed Special Education MA POS

Special Education, MA

← Return to: [Programs Offered](#)

Program Code: MA_476A CIP Code:

13.1001

Program of Study for the Master of Arts in Special Education

Advanced Licensure: Requirements for this program were designed, and have been approved by the appropriate bodies at the state level, to meet the advanced competencies as mandated in the North Carolina Excellent Schools Act for Master-level (M-level) teacher education programs ONLY for students with A- level license from North Carolina or equivalent. Graduates seeking M-level license must have A-level license at the time of application for M-level license.

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

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

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

* Applicants to this program may be eligible for a standardized exam waiver. For details please see the [Admission Requirements](#) information.

Location: On Campus and Off Campus; Off-Campus cohorts begin periodically, and follow a part-time extended format.

Course Requirements for the Master of Arts in Special Education

Total Required (Minimum 36 Hours)

~~Required Courses (21 Hours)~~ Required Courses
(18 Hours)

~~R E 5525 - Product of Learning (1-3) (3) or
SPE 5525 - Product of Learning (1-3) (3)~~

[SPE 5584 - Special Education Law and Leadership \(3\)](#)
[SPE 5610 - Classroom Management for Effective Instruction \(3\)](#)

Choose One From the Following Research Courses (3 Hours)

[SPE 5030 - Research Informing Practice in Special Education \(3\)](#) [R E 5040 -
Teacher as Researcher \(3\)](#)
[SPE 5040 - Teacher as Researcher \(3\)](#)
[RES 5000 - Research Methods \(3\)](#)

Choose one course from each disability area (9 Hours)

Emotional/Behavioral Disorders

~~[SPE 5210 - Psychoeducational Approaches to Emotional/Behavioral Disorders \(3\)](#)
[SPE 5210 - Relationship-Based Interventions for Students with Emotional and Behavioral Disorders \(3\)](#)
[SPE 5646 - Advanced Studies in Emotional and Behavioral Disorders \(3\)](#)
[SPE 5646 - Advanced Studies of Academic Interventions for Students with Emotional and Behavioral Disorders](#)~~

Learning Disabilities

[SPE 5220 - Characteristics, Assessment, and Identification of Individuals with Specific Learning](#)

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Effective Fall 2020 unless otherwise noted.

[Disabilities \(3\)](#)

[SPE 5636 - Advanced Studies in Specific Learning Disabilities \(3\)](#)

Intellectual Disabilities

[SPE 5230 - Assessment and Instruction of Individuals with Intellectual Disabilities \(3\)](#) [SPE 5626 - Advanced Studies in Intellectual Disabilities \(3\)](#)

Thesis Option (18 Hours)

Choose one:

With Thesis (18 Hours)

~~SPE 5999 - Thesis (1-4)(3 Hours)~~

15 hours of graduate electives chosen with the graduate advisor's approval, see the list of suggested elective courses for Special Education

Without Thesis (18 Hours)

~~R E 5525 - Product of Learning (1-3)(3) or~~

~~SPE 5525 - Product of Learning (1-3)(3)~~

15 hours of graduate electives chosen with the graduate advisor's approval, see the list of suggested elective courses for Special Education

Electives (15 Hours)

Elective hours must be chosen in consultation with the advisor from **Special Education or** related areas such as Reading, Curriculum and Instruction, Psychology, Communication Sciences & Disorders, and Child Development.

Recommended Courses are listed below, **but other graduate courses may be taken with advisor approval.**

~~C I 5045 - Advanced Topics in Diversity (3)~~

or

[SPE 5045 - Advanced Topics in Diversity \(3\)](#)

[R E 5010 - Literacy Instruction and Assessment for Students with Autism \(3\)](#)

[SPE 5110 - Nature of Autism \(3\)](#)

[SPE 5120 - Effective Educational Practices for Students with Autism \(3\)](#) ~~[SPE 5130 -](#)~~

~~[Autism: Contemporary Issues \(3\)](#)~~

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

SPE 5130 - Assistive Technologies in Support of Individuals with Autism (3)

[SPE 5140 - Social Communication in Autism \(3\)](#)

SPE 5150 Advanced Classroom Management and Behavior Support (3)

[SPE 5205 - Inclusion \(3\)](#)

[SPE 5595 - Individual Differences \(3\)](#)

[SPE 5630 - Collaboration and Advocacy \(3\)](#)

[SPE 5640 - Transition Planning and Assessment: Pathways to Independence for Students with Disabilities \(3\)](#)

Other Requirements for the MA in Special Education

Thesis: ~~Not required~~—**Optional Proficiency:**

Not required **Candidacy:** Not required

Comprehensive: Not required

Product of Learning: R E 5525 or SPE 5525 **required unless the thesis option is selected.**

G_COE_RESE_SPE_2019_10

Change POS for GCERT_445A - Autism Graduate Certificate. New certificate code: GCERT_444A

Change name from Autism Spectrum Disorders to Autism Graduate Certificate

Change Choose Three to Four from the Following Courses

Delete the research courses as requirement

Change SPE 5130 name

Add SPE 5110 Nature of Autism [G_COE_RESE_SPE_2019_6]

Add SPE 5150 Advanced Classroom Management and Behavior Support [G_COE_RESE_SPE_2019_7]

Add SPE 5530-5539 Selected Topics and Add SPE 5000 Independent Study

Proposed Bulletin POS

Autism ~~Spectrum Disorders~~ Graduate Certificate

Program Code: GCERT_445A-(delete) 444A(add)

CIP Code: 13.1013

Program of Study for the Graduate Certificate in Autism ~~Spectrum Disorders~~

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete the application to the Graduate School](#). Note: This certificate does not lead to NC licensure but may be used toward the fulfillment of the 36-hour requirement for the MA degree in Special Education.

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Effective Fall 2020 unless otherwise noted.

Course Requirements for the Graduate Certificate in
Autism Spectrum Disorders

Total Required (Minimum 12 Hours)

Required Courses (12 Hours)

~~Choose One From the Following Courses~~

~~[SPE 5030 - Research Informing Practice in Special Education \(3\) R](#)~~

~~[E 5040 - Teacher as Researcher \(3\)](#)~~

~~[SPE 5040 - Teacher as Researcher \(3\)](#)~~

Choose ~~Three~~ **Four** From the Following Courses

[R E 5010 - Literacy Instruction and Assessment for Students with Autism \(3\)](#)

~~[SPE 5110 - Nature of Autism \(3\)](#)~~

[SPE 5120 - Effective Educational Practices for Students with Autism \(3\) SPE](#)

~~[5130 - Autism: Contemporary Issues \(3\)](#)~~

~~[SPE 5130 - Assistive Technology in Support of Individuals with Autism \(3\) SPE](#)~~

[5140 - Social Communication in Autism \(3\)](#)

~~[SPE 5150 - Advanced Classroom Management and Behavior Support \(3\)](#)~~

~~[SPE 5530-5539 - Selected Topics \(1-4\) \(when the topic is related to Autism, 3 hours\) SPE](#)~~

~~[5500 - Independent Study \(1-4\) \(when the topic is related to Autism, 3 hours\)](#)~~

[CSD 5530-5549 - Selected Topics \(1-4\) \(when the topic is related to Autism, 3 hours\)](#)

G_COE_RESE_SPE_2019_11

Add a new post-baccalaureate graduate certificate in emotional and behavioral disorders (12hrs) to the graduate programs in special education. Emotional and Behavioral Disorders Graduate Certificate [GCERT_450A].

Proposed Graduate Bulletin

Emotional and Behavioral Disorders Graduate Certificate

_ Program Code: GCERT_450A CIP Code:

13.1005

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Program of Study for Emotional and Behavioral Disorders Graduate Certificate

Admission Requirements: Baccalaureate degree from an accredited college or university; complete the application to the Graduate School. Note: This certificate does not lead to NC licensure.

Course Requirements for the Graduate Certificate in Emotional and Behavioral Disorders

Total Required (Minimum 12 Hours)

Required Courses (12 Hours)

Choose 12 Hours from the Following Courses

SPE 5150 –

Advanced Classroom Management for Challenging Behaviors (3)

SPE 5210 – Relationship-Based Interventions for Students with Emotional and Behavioral Disorders (3)

SPE 5610 – Classroom Management for Effective Instruction (3)

SPE 5646 – Advanced Studies of Academic Interventions for Students with Emotional and Behavioral Disorders (3)

SPE 5648 – Psychoeducational Approaches in the Study of Emotional Disturbance (3)

SPE 5530-5539 – Selected Topics (1-4) (when the topic is related to EBD, 3 hours)

SPE 5500 – Independent Study (1-4) (when the topic is related to EBD, 3 hours)

GU_COE_RESE_SPE_2019 12

1. SPE 4205 – Inclusion and SPE 5205 - Inclusion are now dual-listed. We request that this designation be removed and the course descriptions for SPE 4205 (undergraduate course) and for SPE 5205 (graduate course) be modified to reflect differences in content.

2. Correction to the semester these courses are offered.

SPE 4205 - Inclusion (3)

When Offered: Fall

This course examines inclusion as it relates to students with disabilities in K-12 schools. Current issues, collaborative relationships, and effective instructional practices for all students will be discussed.

SPE 5205 - Inclusion (3)

When Offered: Fall

This course examines inclusion as it relates to students with disabilities in K-12 schools. Current issues, collaborative relationships, and effective instructional practices for all students will be discussed, with additional emphasis on developing leadership skills in the application of inclusive cultures and practices within the school and classroom environment.

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Effective Fall 2020 unless otherwise noted.

G_COB_ACC_2019_1

- (1) Change the name of ACC 5580 from "Tax Planning and Research" to "Tax Research and Communication" in the Graduate Bulletin.
- (2) Make slight change to the course description in the Graduate Bulletin.
- (3) Change when offered to "On Demand".

ACC 5580 - Tax Research and Communication (3)

When Offered: On Demand

A research oriented course designed to emphasize the need for communication. Students will be required to conduct tax research and to make written and oral presentations on their findings.

Prerequisite: ACC 3580 (Individual Income Taxation) or equivalent.

G_COB_ACC_2019_2

- (1) Create new course ACC 5250, Fundamentals of Business Analytics, and add to the Graduate Bulletin.
- (2) Cross-list with MBA 5230, Fundamentals of Business Analytics and add cross-listing to the Graduate Bulletin.

G_COB_ACC_2019_2

Attachment 1

ACC 5250. Fundamentals of Business Analytics (3)

When Offered: On demand

In this course, students gain the skills required to succeed in today's highly analytical and data-driven economy. The course introduces the basics of data management, RFM Analysis, predictive modeling using decision trees and logistic regression techniques, design of experiments, customer segmentation and forecasting. This course includes lab work and a real data project to enhance competency of using analytics in real-world scenarios, and to engage in hands-on experience with SAS software to demonstrate capability of the concepts of data analysis. (Cross-listed with MBA 5230)

Prerequisite: Admission to the MS in Accounting, MBA Program, MS in Applied Data Analytics, Business Analytics Certificate Program or permission of the program director.

MBA 5230 Fundamentals of Business Analytics (3)

When offered: On demand

In this course students gain the skills required to succeed in today's highly analytical and data-driven economy. The course introduces the basics of data management, RFM Analysis, predictive modeling using decision trees and logistic regression techniques, design of experiments, customer segmentation and forecasting. This course includes lab work and a real data project to enhance competency of using analytics in real-world scenarios, and to engage in hands-on experience with SAS software to demonstrate capability of the concepts of data analysis. (Cross-listed with ACC 5250)

Prerequisite: admission to the MBA Program, MS in Applied Data Analytics, MS in Accounting, Business Analytics Certificate Program or permission of the program director.

G_COB_ACC_2019_3

Create new course ACC 5260, Advanced Excel and Oracle ERP Analytics for Business, and add to Graduate Bulletin.

ACC 5260. Advanced Excel and Oracle ERP Analytics for Business (3)

When Offered: On demand

An in-depth study of leveraging Oracle Business Analytics and key Excel spreadsheet functions that are regularly used in business for data analysis. Development of skills in utilizing Oracle's analytics module, extracting, loading, and transforming data from an Oracle ERP for external analysis, advanced Excel functions, pivot tables, linking to

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Effective Fall 2020 unless otherwise noted.

external data, statistics, and visualization. Prerequisite: admission to the MS-Accounting Program or permission of the program director.

G_COB_ACC_2019_4

Create new course ACC 5650, Advanced Study in Business Environment and Concepts, a one (1) credit hour course, and add to the Graduate Bulletin.

ACC 5650, Advanced Study in Business Environment and Concepts (1)

When offered: On Demand

An in-depth study and review of the underlying reasons for, and accounting implications of, business transactions.

Prerequisites: Admission to the MS-Accounting program or permission of the instructor, program director and department chair.

G_COB_ACC_2019_5

Create new course ACC 5670, Advanced Study in Financial Accounting and Regulation (suggested shortened version: Advanced Study in FAR), a one (1) credit hour course, and add to the Graduate Bulletin.

ACC 5670. Advanced Study in Financial Accounting and Regulation (1)

When offered: On Demand

An in-depth study and review of the accounting and reporting represented on the four major financial statements.

Prerequisites: Admission to the MS-Accounting program or permission of the MS-Accounting director and department chair.

G_COB_ACC_2019_6

Change name for ACC 5665 from "Auditing Concepts and Applications" to "Advanced Study in Audit and Attestation" in Graduate Bulletin.

(2) Reduction in credit hours from three (3) hours to one (1) hour in Graduate Bulletin.

(3) Change course description.

ACC 5665. Advanced Study in Audit and Attestation (1)

When offered: On Demand

An in-depth study of professional auditing standards and application to audit engagements. Emphasis will be placed on system analysis, the relationship of internal control to audit objectives, and the purpose of selected audit procedures. Simulations will be used where applicable. Prerequisites: ACC 4560 (Introduction to Auditing) or equivalent. Admission to the MS-Accounting program or permission of the instructor, MS-Accounting director and department chair.

G_COB_ACC_2019_7

Change name for ACC 5645 from "Accounting Regulation" to "Advanced Study in Taxation and Legal Responsibilities of Accountants" in Graduate Bulletin.

(2) Reduce credit hours from three (3) hours to one (1) hour in Graduate Bulletin.

(3) Change course description in Graduate Bulletin.

ACC 5645 - Advanced Study in Taxation and Law for Accountants (1)

When offered: On Demand

An in depth study and review of specialized topics in taxation, business law and professional responsibilities for tax accountants. Prerequisite or Corequisite: ACC 5080/ACC 4580 (Taxation of Business Entities) or equivalent.

Admission to the MS-Accounting program or permission of the instructor, MS-Accounting director and department chair.

G_COB_ACC_2019_9

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

- Add ACC 5590, Advanced Accounting Topics, as a concentration requirement in the General Track of the MS-Accounting Program.
- (2) Add ACC 5260, Advanced Data Management and Analysis for Business (G_COB_ACC2019_3) as a concentration requirement in the General Track of the MS-Accounting Program.
- (3) Remove ACC 5210, Advanced Managerial Accounting, as a concentration requirement in the General Track of the MS-Accounting Program.
- (4) Remove the accounting elective as a concentration requirement in the General Track of the MS-Accounting Program.

G COB ACC2019 9 Attachment changes tracked.docx

Accounting - General Concentration, MS

Program Code: MS_302C
CIP Code: 52.0301

Program of Study for the Master of Science in Accounting

Admission Requirements: Baccalaureate degree from an accredited college or university; complete application to the Graduate School; official GMAT exam scores; undergraduate course work in Accounting Principles, Economics, Statistics, Behavioral Science, and Finance; undergraduate accounting courses in Intermediate Accounting, Cost Accounting, Accounting Systems, Individual Income Taxation, and Auditing. In extenuating circumstances, an applicant may obtain permission to remove deficiencies in course work after entering the graduate program. Admission is competitive.

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 Master of Science in Accounting

Total Required (Minimum 30 Hours)

Required Courses (6 Hours)

ACC 5350 - Accounting Capstone Seminar (3)

Three hours outside the Department of Accounting approved by the Program Director (3)

Concentration Requirements (12 Hours)

~~ACC 5260 – Advanced Excel and Oracle ERP Analytics for Business (3)~~

ACC 5310 - Auditing Theory Seminar (3)

ACC 5390 - Contemporary Issues in Accounting (3)

~~ACC 5590 – Advanced Accounting Topics (3)~~

Thesis Option (12 Hours)

Choose One:

With Thesis

ACC 5999 - Thesis (6)

6 hours of graduate electives approved by the Program Director (6)

Without Thesis

12 hours of graduate electives approved by the Program Director (12)

Other Requirements for the MS in Accounting

Thesis: Optional

Proficiency: Not required

Deleted: ACC 5210 - Advanced Managerial Accounting (3)*

Deleted: Data Management and Analysis

Deleted: ACC 5xxx: Elective (3)*

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Candidacy: Required for thesis option; awarded upon approval of thesis committee and prospectus
Comprehensive: Not required
Product of Learning: Not required

G_COB_ACC_2019_10

Add ACC 5260, Advanced Data Management and Analysis for Business (G_COB_ACC_2019_3) as a concentration requirement in the Tax Track of the MS-Accounting Program.
(2) Reduce the tax electives from six (6) hours to three
(3) hours as a concentration requirement in the Tax Track of the MS-Accounting Program.

G COB ACC2019 10 Attachment changes tracked.docx

Accounting - Taxation Concentration, MS

Program Code: MS_302B
CIP Code: 52.0301

Program of Study for the Master of Science in Accounting

Admission Requirements: Baccalaureate degree from an accredited college or university; complete application to the Graduate School; official GMAT exam scores; undergraduate course work in Accounting Principles, Economics, Statistics, Behavioral Science, and Finance; undergraduate accounting courses in Intermediate Accounting, Cost Accounting, Accounting Systems, Individual Income Taxation, and Auditing. In extenuating circumstances, an applicant may obtain permission to remove deficiencies in course work after entering the graduate program.

Admission is competitive.

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 Master of Science in Accounting

Total Required (Minimum 30 Hours)

Required Courses (6 Hours)

ACC 5350 - Accounting Capstone Seminar (3)

Three hours outside the Department of Accounting approved by the Program Director (3)

Concentration Requirements (12 Hours)

ACC 5260 Advanced Excel and Oracle ERP Analytics for Business (3)

ACC 5280 - Partnerships and S Corporations (3)

ACC 5580 - Tax Research and Communication (3)

ACC 5xxx: Tax Elective approved by the Program Director (3)

- Deleted: Data Management and Analysis
- Deleted: f
- Deleted: Planning and
- Deleted: (6)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Thesis Option (12 Hours)

Choose One:

With Thesis

ACC 5999 - Thesis (6)

6 hours of graduate electives approved by the Program Director (6)

Without Thesis

12 hours of graduate electives approved by the Program Director (12)

Other Requirements for the MS in Accounting

Thesis: Optional

Proficiency: Not required

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

Comprehensive: Not required

Product of Learning: Not required

G_COB_CIS_2019_1

[Change the course description for CIS 5630 Data Management.](#)

CIS 5630 Data Management (3)

Fall or Spring and Summer

This course prepares students to understand basic concepts of databases; normalization and denormalization of data in the context of analytics; structured query language (SQL) to extract, manipulate, and transform data for data mining enabled analytical solutions for business problems; use of cloud resources for data storage and access; and emerging trends in data management.

Prerequisite: admission to the MBA Program, MS in Applied Data Analytics, Business Analytics Certificate Program or permission of the program director.

G_COB_CIS_2019_2

[Create a new course CIS5845 Unstructured Data Analytics \(3\).](#)

CIS5845: Unstructured Data Analytics

Instructor: Dr. Jeffrey P. Kaleta
Office: 2111 Peacock Hall
Phone: 828.262.6180
E-mail: kaletajp@appstate.edu

CATALOG DESCRIPTION:

This course covers concepts and technologies that apply to the understanding, collection, and analysis of unstructured data from various resources (such as text, images, etc.). Other topics include, but are not limited to, legal and ethical issues when using public data as well as new emerging technologies and/or other forthcoming techniques applicable to unstructured data analysis.

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DETAILED DESCRIPTION:

Today, organizations have access to a variety of unstructured data (e.g. text, images, audio, video) which require non-traditional tools and techniques for analysis. This course focuses on the concepts and technologies that apply to the understanding, collection, and analysis of unstructured data for the purpose of gaining insights for decision makers. Students will learn how to approach unstructured data analysis projects utilizing tools for the collection, preparation, and analysis of unstructured data originating from various sources such as social media sites (e.g. Twitter, Facebook), news data streams (e.g. Google News), and other sources (e.g. YouTube). Additionally, students will be introduced to current and emerging technologies intended for text analysis, image classification, and/or other forthcoming techniques applicable to unstructured data analysis.

PREREQUISITE:

Admission to the MS in Applied Data Analytics, MBA, Business Analytics Certificate or permission of the program director.

GU_COB_ECO_2019_1

Change ECO 3730 Econometrics as follows:

- (a) change the number and title of ECO 3730 Econometrics to ECO 4720 Applied Econometrics
- (b) update the course description
 1. drop ECO 2030 and ECO 2040 as prerequisites
 2. change offering on graduate bulletin listing from "on demand" to "F; S"
 3. dual-list it with the existing ECO 5720 Applied Econometrics

3b. Proposed catalog copy

ECO 4720 Applied Econometrics (3)

When Offered: Fall; Spring

The course introduces statistical methods to analyze data to gain insights and make better decisions. The material focuses on the fundamentals, diagnostics and challenges of regression methods, which are fundamental to understanding causal relationships and trade-offs. The course seeks to equip students to think critically about data and the analyses based on those data, whether conducted by them or someone else. The course enables students to identify opportunities for data analyses to improve insights and decisions making. The course will include hands-on work with data and software.

Prerequisite: ECO 2200 or equivalent.

[Dual-listed with ECO 5720]. Dual-listed courses require senior standing. Juniors may enroll with permission of the department.

ECO 5720 Applied Econometrics (3)

When Offered: Fall; Spring

The course introduces statistical methods to analyze data to gain insights and make better decisions. The material focuses on the fundamentals, diagnostics and challenges of regression methods, which are fundamental to understanding causal relationships and

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Effective Fall 2020 unless otherwise noted.

trade-offs. The course seeks to equip students to think critically about data and the analyses based on those data, whether conducted by them or someone else. The course enables students to identify opportunities for data analyses to improve insights and decisions making. The course will include hands-on work with data and software.

*Prerequisite: ECO 2200 or equivalent.
[Dual-listed with ECO 4720].*

GU_COB_MKT_2019_1

- a) Add MKT 4050 (Marketing Analytics)
- b) Dual list MKT 4050 (Marketing Analytics) with MKT 5050 (Marketing Analytics).

3b. Proposed Catalog Copy MKT 4050 - Marketing Analytics (3) When Offered: Fall, Spring An examination of the techniques and procedures involved in analyzing marketing information for the development of marketing strategy. Analytical procedures that will assist managers in the areas of pricing, revenue management, forecasting, identifying customer needs, choice analysis, customer lifetime value, allocation of marketing resources, market segmentation, new product development, retailing and advertising will be reviewed. This class is not designed to teach in-depth programming. Prerequisites: A minimum grade of "C" in any Writing in the Discipline (WID) course, and MKT 3050 with a minimum grade of "C" (2.0). [Dual-listed with MKT 5050.] Dual-listed courses require senior standing. Juniors may enroll with permission of the department.

MKT 5050 - Marketing Analytics (3) When Offered: Fall, Spring An examination of the techniques and procedures involved in analyzing marketing information for the development of marketing strategy. Analytical procedures that will assist managers in the areas of pricing, revenue management, forecasting, identifying customer needs, choice analysis, customer lifetime value, allocation of marketing resources, market segmentation, new product development, retailing and advertising will be reviewed. Prerequisite: MBA 5420 [Dual-listed with MKT 4050.]

G_COB_MSADA_2019_1

Change to Program of Study for MS in Applied Data Analytics as follows:

- a) change required hours for CIS 5860 Applied Analytics Project or MBA 5999 Thesis from 6 to 3.
- b) add CIS5845 Unstructured Data Analytics as a required course
- c) change MBA5820 to be required by students during the final semester of their program.

These changes and additions apply to all five MSADA concentrations: Supply Chain Health Care, Marketing, Sustainability and Interdisciplinary Analytics.

REVISED REQUIRED COURSES FOR MS – APPLIED DATA ANALYTICS

NOTE: The below revision applies to required (major block) courses only. All POS concentrations are impacted by this change but no revisions are being requested in the individual concentrations themselves. Based on recommendation from Graduate School, the concentration (blocks) information is not included here.

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

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

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Course Requirements for the Master of Science in Applied Data Analytics

Total Required (Minimum 36 Hours)

Required Courses (27 Hours) ~~Core Courses~~

~~(21 Hours)~~

CIS 5450 - Project Management and Visualization (3) CIS 5630 -

Data Management (3)

[CIS 5845 – Unstructured Data Analytics \(3\)](#)

C S 5245 - Data Programming (3) ECO 5720 -

Applied Econometrics (3)

ECO 5740 - Forecasting and Time Series Models (3)

MBA 5200 - Problem Analysis and Quantitative Methods (3) MBA 5660 -

Web Analytics, Data Privacy and Security (3)

MBA 5820 - Executive Skills (0) ~~Full-time and part-time~~ All students must enroll ~~for three semesters; dual degree students must enroll for two semesters~~ in this ~~course during their final semester.~~

Thesis or Non-Thesis Option ~~(6 Hours)~~ (3 Hours)

CIS 5860 - Applied Analytics Project (1-6) ~~(6)~~ (3 hours)

MBA 5999 - Thesis (1-6) ~~(6)~~ (3 hours)

G_COB_MBA_2019_1

Change course description of MBA 5820, Executive Skills to reflect course content; require students to take it only in their final semester instead of multiple semesters. Change grading to S/U basis.

MBA 5820 - Executive Skills (0)

When Offered: Fall, Spring, Summer Session

The purpose of this course is to administer assurance of learning activities and provide professional development opportunities. Graded on an S/U basis.

Prerequisite: Admission to the MBA or MSADA Program or permission of the MBA or MSADA director.

G_COB_MBA_2019_2

Change course description of MBA 5020, International Experience, to allow students to count it only once in their program of study.

MBA 5020 - International Experience (3)

When Offered: On Demand

This course will develop an understanding of international cultural differences and an understanding of some of the important aspects of conducting business in an international arena. Topics vary from year to year, but can include topics such as financial reporting across national borders, foreign currency exchange issues, marketing to foreign

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cultures, transfer pricing, transnational tax issues, and so forth. Heavy emphasis will be on student research and presentation.

Prerequisite: Admission to the MBA Program or permission of the program director.

G_COB_MBA_2019_3

Change POS for MBA Interdisciplinary concentration as follows:

Remove MBA 5020 from the “Required coursework” and “Additional Elective Options” sections of the POS.

Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.

Require MBA 5820 only in final semester of program.

Business Administration - Interdisciplinary Business Concentration, MBA

Program Code: MBA_305G

CIP Code: 52.0201

Program of Study for the Master of Business Administration

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete application to the Graduate School](#); official general GMAT or GRE exam scores; evidence of knowledge in statistics, financial accounting, economics, corporate finance, marketing, and organizational behavior 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 this condition does not guarantee admission.

Location: On Campus and Off Campus. Off-Campus cohorts follow a part-time extended format.

Course Requirements for the Master of Business Administration

Total Required (Minimum 36 Hours)

Required Coursework (27-24 Hours)

~~— MBA 5020 - International Experience (3)~~

- [MBA 5110 - Economics for Decision-Making \(3\)](#)
- [MBA 5200 - Problem Analysis and Quantitative Methods \(3\)](#)
- [MBA 5220 - Operations and Supply Chain Management \(3\)](#)
- [MBA 5230 - Fundamentals of Business Analytics \(3\)](#)
- [MBA 5320 - Managerial Accounting \(3\)](#)

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- [MBA 5420 - Marketing Strategy and Applications \(3\)](#)
- [MBA 5600 - Managerial Finance \(3\)](#)
- [MBA 5750 - Strategic Management \(3\)](#)
- [MBA 5820 - Executive Skills \(0\)](#) Full-time and part-time students must enroll ~~three times;~~ dual-degree students must enroll two times in their final semester.

Concentration Requirements (~~9-12~~ Hours)

~~For students concurrently enrolled in MBA and another master's program at Appalachian~~
~~9-12~~ hours chosen ~~in consultation with the~~ with approval of the ~~MBA~~ program director; ~~courses will~~ typically be chosen from the other major. In addition, double majors may petition to substitute ~~MBA~~ **5020 - International Experience (3)** with an additional course from the other major; see the program director for more information. ~~The final programs of study for both majors may not overlap by more than 50%.~~

Additional Elective Options

With approval of the program director, the following courses can count in any concentration provided that the course content fits with the concentration theme.

- [MBA 5020 - International Experience \(3\)](#)
- [MBA 5060 - Executive Seminar \(1-3\)](#)
- [MBA 5500 - Independent Study \(1-6\)](#)
- [MBA 5800 - Business Practicum \(1-6\)](#)
- [MBA 5900 - MBA Internship \(1-6\)](#)
- [MBA 5998 - Thesis Preparation \(1-3\)](#)
- [MBA 5999 - Thesis \(1-6\)](#)

Other Requirements for the MBA

- **Thesis:** Optional
- **Proficiency:** Not required
- **Candidacy:** Required
 - Students must demonstrate knowledge and exposure to international business and culture before completion of the degree program, through approved activities such

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as short term study abroad, completion of a course with an international theme, international internship, practicum with an international theme, or other activities as approved by the program director.

~~□ Students must document valid work experience before the completion of the degree program, through approved activities such as business practicum, internship, documented previous work experience, or other activities approved by the program director.~~

- **Comprehensive:** Not required
- **Product of Learning:** Not required

G_COB_MBA_2019_4

Change POS for MBA Economics concentration as follows:

Remove MBA 5020 from the “Required coursework” and “Additional Elective Options” sections of the POS.

Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.

Require MBA 5820 only in final semester of program.

Business Administration - Economics Concentration, MBA

Program Code: MBA_305E CIP

Code: 52.0201

Program of Study for the Master of Business Administration

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete application to the Graduate School](#); official general GMAT or GRE exam scores; evidence of knowledge in statistics, financial accounting, economics, corporate finance, marketing, and organizational behavior 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 this condition does not guarantee admission.

Location: On Campus and Off Campus. Off-Campus cohorts follow a part-time extended format.

Course Requirements for the Master of Business Administration

Total Required (Minimum 36 Hours)

Required Coursework (~~27-24~~ Hours)

- ~~□ MBA 5020 - International Experience (3)~~
- [MBA 5110 - Economics for Decision-Making \(3\)](#)

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- [MBA 5200 - Problem Analysis and Quantitative Methods \(3\)](#)
- [MBA 5220 - Operations and Supply Chain Management \(3\)](#)
- [MBA 5230 - Fundamentals of Business Analytics \(3\)](#)
- [MBA 5320 - Managerial Accounting \(3\)](#)
- [MBA 5420 - Marketing Strategy and Applications \(3\)](#)
- [MBA 5600 - Managerial Finance \(3\)](#)
- [MBA 5750 - Strategic Management \(3\)](#)
- [MBA 5820 - Executive Skills \(0\)](#) Full-time and part-time students must enroll ~~three times; dual-degree students must enroll two times~~ in their final semester.

Concentration Requirements (~~9-12~~ Hours)

Choose ~~9-12~~ hours from the list below or from the additional elective options; other electives may be chosen with approval of the program director.

- [ECO 5621 - Environmental Economics and Policy \(3\)](#)
- [ECO 5640 - International Macroeconomics \(3\)](#)
- [ECO 5660 - Benefit-Cost Analysis \(3\)](#)
- [ECO 5740 - Forecasting and Time Series Models \(3\)](#)

Additional Elective Options

With approval of the program director, the following courses can count in any concentration provided that the course content fits with the concentration theme.

- [MBA 5020 - International Experience \(3\)](#)
- [MBA 5060 - Executive Seminar \(1-3\)](#)
- [MBA 5500 - Independent Study \(1-6\)](#)
- [MBA 5800 - Business Practicum \(1-6\)](#)
- [MBA 5900 - MBA Internship \(1-6\)](#)
- [MBA 5998 - Thesis Preparation \(1-3\)](#)
- [MBA 5999 - Thesis \(1-6\)](#)

Other Requirements for the MBA

- **Thesis:** Optional
- **Proficiency:** Not required

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- **Candidacy:** Required
 - Students must demonstrate knowledge and exposure to international business and culture before completion of the degree program, through approved activities such as short-term study abroad, completion of a course with an international theme, international internship, practicum with an international theme, or other activities as approved by the program director.
 - ~~□ Students must document valid work experience before the completion of the degree program, through approved activities such as business practicum, internship, documented previous work experience, or other activities approved by the program director.~~
- **Comprehensive:** Not required
- **Product of Learning:** Not required

G_COB_MBA_2019_5

Change POS for MBA Leading and Managing Human Resources concentration as follows:
Remove MBA 5020 from the “Required coursework” and “Additional Elective Options” sections of the POS.
Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.
Require MBA 5820 only in final semester of program.

Business Administration - Economics Concentration, MBA

Program Code: MBA_305E CIP Code:
52.0201

Program of Study for the Master of Business Administration

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete application to the Graduate School](#); official general GMAT or GRE exam scores; evidence of knowledge in statistics, financial accounting, economics, corporate finance, marketing, and organizational behavior 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 this condition does not guarantee admission.

Location: On Campus and Off Campus. Off-Campus cohorts follow a part-time extended format.

Course Requirements for the Master of Business Administration

Total Required (Minimum 36 Hours)

Required Coursework (~~27~~ 24 Hours)

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Effective Fall 2020 unless otherwise noted.

~~• [MBA 5020 - International Experience \(3\)](#)~~

- [MBA 5110 - Economics for Decision-Making \(3\)](#)
- [MBA 5200 - Problem Analysis and Quantitative Methods \(3\)](#)
- [MBA 5220 - Operations and Supply Chain Management \(3\)](#)
- [MBA 5230 - Fundamentals of Business Analytics \(3\)](#)
- [MBA 5320 - Managerial Accounting \(3\)](#)
- [MBA 5420 - Marketing Strategy and Applications \(3\)](#)
- [MBA 5600 - Managerial Finance \(3\)](#)
- [MBA 5750 - Strategic Management \(3\)](#)
- [MBA 5820 - Executive Skills \(0\)](#) Full-time and part-time students must enroll ~~three times~~; dual-degree students must enroll ~~two times~~ in their final semester.

Concentration Requirements (~~9-12~~ Hours)

Choose 9-12 hours from the list below or from the additional elective options; other electives may be chosen with approval of the program director.

- [ECO 5621 - Environmental Economics and Policy \(3\)](#)
- [ECO 5640 - International Macroeconomics \(3\)](#)
- [ECO 5660 - Benefit-Cost Analysis \(3\)](#)
- [ECO 5740 - Forecasting and Time Series Models \(3\)](#)

Additional Elective Options

With approval of the program director, the following courses can count in any concentration provided that the course content fits with the concentration theme.

- [MBA 5020 - International Experience \(3\)](#)
- [MBA 5060 - Executive Seminar \(1-3\)](#)
- [MBA 5500 - Independent Study \(1-6\)](#)
- [MBA 5800 - Business Practicum \(1-6\)](#)
- [MBA 5900 - MBA Internship \(1-6\)](#)
- [MBA 5998 - Thesis Preparation \(1-3\)](#)
- [MBA 5999 - Thesis \(1-6\)](#)

Other Requirements for the MBA

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

- **Thesis:** Optional
- **Proficiency:** Not required
- **Candidacy:** Required
 - Students must demonstrate knowledge and exposure to international business and culture before completion of the degree program, through approved activities such as short-term study abroad, completion of a course with an international theme, international internship, practicum with an international theme, or other activities as approved by the program director.
 - ~~• Students must document valid work experience before the completion of the degree program, through approved activities such as business practicum, internship, documented previous work experience, or other activities approved by the program director.~~
- **Comprehensive:** Not required
- **Product of Learning:** Not required

Appalachian State University

Business Administration - Leading and Managing Human Resources Concentration, MBA

Program Code: MBA_305H CIP Code:
52.0201

[Program of Study for the Master of Business Administration](#)

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete application to the Graduate School](#); official general GMAT or GRE exam scores; evidence of knowledge in statistics, financial accounting, economics, corporate finance, marketing, and organizational behavior 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 this condition does not guarantee admission.

Location: On Campus and Off Campus. Off-Campus cohorts follow a part-time extended format.

[Course Requirements for the Master of Business Administration](#)

Total Required (Minimum 36 Hours)

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Effective Fall 2020 unless otherwise noted.

Required Coursework (~~27-24~~ Hours)

~~MBA 5020 - International Experience (3)~~

- [MBA 5110 - Economics for Decision-Making \(3\)](#)
- [MBA 5200 - Problem Analysis and Quantitative Methods \(3\)](#)
- [MBA 5220 - Operations and Supply Chain Management \(3\)](#)
- [MBA 5230 - Fundamentals of Business Analytics \(3\)](#)
- [MBA 5320 - Managerial Accounting \(3\)](#)
- [MBA 5420 - Marketing Strategy and Applications \(3\)](#)
- [MBA 5600 - Managerial Finance \(3\)](#)
- [MBA 5750 - Strategic Management \(3\)](#)
- [MBA 5820 - Executive Skills \(0\)](#) Full-time and part-time students must enroll ~~three times; dual-degree students must enroll two times~~ in their final semester.

Concentration Requirements (~~9-12~~ Hours)

Choose ~~9-12~~ hours from the list below or from the additional elective options; other electives may be chosen with approval of the program director.

*Note: MBA students should seek permission from the MBA director before registering for the non- MBA section of these courses.

- [COM 5311 - Communication in Conflict Management \(3\) *](#)
- or
- [MBA 5311 - Communication in Conflict Management \(3\) *](#)
-
- [MGT 5040 - Employment Law \(3\)](#)
- [MGT 5160 - Strategic Human Resource Management \(3\)](#)
-
- [MGT 5660 - Staffing \(3\)](#)
- [MGT 5661 - Performance Management \(3\)](#)
- [MGT 5671 - Training and Development \(3\)](#)
- [MGT 5672 - Advanced Organizational Psychology \(3\)](#)
- [MGT 5700 - Contemporary Issues in Management and Leadership \(3\)](#)
- [MGT 5770 - Business Ethics \(3\)](#)

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- [PSY 5070 - Organizational Behavior Management \(3\)](#)

Additional Elective Options

With approval of the program director, the following courses can count in any concentration provided that the course content fits with the concentration theme.

- [MBA 5020 - International Experience \(3\)](#)
- [MBA 5060 - Executive Seminar \(1-3\)](#)
- [MBA 5500 - Independent Study \(1-6\)](#)
- [MBA 5800 - Business Practicum \(1-6\)](#)
- [MBA 5900 - MBA Internship \(1-6\)](#)
- [MBA 5998 - Thesis Preparation \(1-3\)](#)
- [MBA 5999 - Thesis \(1-6\)](#)

Other Requirements for the MBA

- **Thesis:** Optional
- **Proficiency:** Not required
- **Candidacy:** Required
 - Students must demonstrate knowledge and exposure to international business and culture before completion of the degree program, through approved activities such as short-term study abroad, completion of a course with an international theme, international internship, practicum with an international theme, or other activities as approved by the program director.
 - ~~Students must document valid work experience before the completion of the degree program, through approved activities such as business practicum, internship, documented previous work experience, or other activities approved by the program director.~~
- **Comprehensive:** Not required
- **Product of Learning:** Not required

G_COB_MBA_2019_6

Change POS for MBA Sustainable Business concentration as follows:

Remove MBA 5020 from the "Required coursework" and "Additional Elective Options" sections of the POS.

Remove paragraph requiring work experience from "Other Requirements for the MBA" section of POS.

Require MBA 5820 only in final semester of program.

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Business Administration - Sustainable Business Concentration, MBA

Program Code:
MBA_305D CIP
Code: 52.0201

Program of Study for the Master of Business Administration

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete application to the Graduate School](#); official general GMAT or GRE exam scores; evidence of knowledge in statistics, financial accounting, economics, corporate finance, marketing, and organizational behavior 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 this condition does not guarantee admission.

Location: On Campus and Off Campus. Off-Campus cohorts follow a part-time extended format.

Course Requirements for the Master of Business Administration

Total Required (Minimum 36 Hours)

Required Coursework (~~27-24~~ Hours)

- ~~□ [MBA 5020 - International Experience \(3\)](#)~~
- [MBA 5110 - Economics for Decision-Making \(3\)](#)
- [MBA 5200 - Problem Analysis and Quantitative Methods \(3\)](#)
- [MBA 5220 - Operations and Supply Chain Management \(3\)](#)
- [MBA 5230 - Fundamentals of Business Analytics \(3\)](#)
- [MBA 5320 - Managerial Accounting \(3\)](#)

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- [MBA 5420 - Marketing Strategy and Applications \(3\)](#)
- [MBA 5600 - Managerial Finance \(3\)](#)
- [MBA 5750 - Strategic Management \(3\)](#)
- [MBA 5820 - Executive Skills \(0\)](#) Full-time and part-time students must enroll ~~three times~~; ~~dual-degree students must enroll two times~~ in their final semester.

Concentration Requirements (~~9-12~~ Hours)

- [MBA 5240 - Sustainability Performance Assessment \(3\)](#)



Select Two From the Following (~~6~~ Hours)

Choose ~~6-9~~ hours from the list below or from the additional elective options; other electives may be chosen with approval of the program director.

- [ECO 5621 - Environmental Economics and Policy \(3\)](#)
- [ECO 5660 - Benefit-Cost Analysis \(3\)](#)
- [MBA 5080 - Sustainable Business for a Global Economy \(3\)](#)
- [MGT 5770 - Business Ethics \(3\)](#)

Additional Elective Options

With approval of the program director, the following courses can count in any concentration provided that the course content fits with the concentration theme.

- [MBA 5020 - International Experience \(3\)](#)
- [MBA 5060 - Executive Seminar \(1-3\)](#)
- [MBA 5500 - Independent Study \(1-6\)](#)
- [MBA 5800 - Business Practicum \(1-6\)](#)

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Effective Fall 2020 unless otherwise noted.

- [MBA 5900 - MBA Internship \(1-6\)](#)
- [MBA 5998 - Thesis Preparation \(1-3\)](#)
- [MBA 5999 - Thesis \(1-6\)](#)

Other Requirements for the MBA

- **Thesis:** Optional
- **Proficiency:** Not required
- **Candidacy:** Required
 - Students must demonstrate knowledge and exposure to international business and culture before completion of the degree program, through approved activities such as short-term study abroad, completion of a course with an international theme, international internship, practicum with an international theme, or other activities as approved by the program director.
 - ~~□ Students must document valid work experience before the completion of the degree program, through approved activities such as business practicum, internship, documented previous work experience, or other activities approved by the program director.~~
- **Comprehensive:** Not required
- **Product of Learning:** Not required

G_COB_MBA_2019_7

Change POS for Dual Degree MBA and MPA as follows:

Allow students to substitute MBA 5020 with another course with an international business theme in the MBA requirements section of the POS.

Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.

Remove redundant language in POS about the international requirement from “Other Requirements for the MBA.”

Require MBA 5820 only in final semester of program.

**Business Administration - Interdisciplinary Business Concentration,
MBA and Public Administration - Public Management Concentration,
MPA**

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Program Codes: MBA_305G

and MPA_279B CIP Codes:

52.0201 and 44.0401

**Program of Study for the Master of Business Administration and
the Master of Public Administration**

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

Additional MBA Admission Requirements: ~~MBA additionally requires evidence~~ of knowledge in statistics, financial accounting, economics, corporate finance, marketing, and organizational behavior 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 this condition does not guarantee admission.

Location: On Campus and Off Campus. Off-Campus cohorts follow a part-time extended format.

**Course Requirements for the Master of Business Administration
and the Master of Public Administration**

Total Required (Minimum 60 Hours)

MBA Required Courses (21 Hours)

- [MBA 5020 - International Experience \(3\)](#)

OR

- Another course with an international business theme as approved by the MBA director

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

- [MBA 5110 - Economics for Decision-Making \(3\)](#)
- [MBA 5220 - Operations and Supply Chain Management \(3\)](#)
- [MBA 5230 - Fundamentals of Business Analytics \(3\)](#)
- [MBA 5320 - Managerial Accounting \(3\)](#)
- [MBA 5420 - Marketing Strategy and Applications \(3\)](#)
- [MBA 5600 - Managerial Finance \(3\)](#)
- [MBA 5820 - Executive Skills \(0\)](#) Dual-Degree students must enroll ~~two times~~ in their final semester.

MPA Required Courses (21 Hours)

- [P A 5060 - Seminar in Public Administration \(3\)](#)
- [P A 5180 - Public Policy Analysis and Program Evaluation \(3\)](#)
- [P A 5360 - Public Personnel Administration \(3\)](#)
- [P A 5460 - Budgeting and Fiscal Administration \(3\)](#)
- [P A 5558 - Capstone Research \(1\)](#)
- [P A 5559 - Capstone in Public Administration \(2\)](#)

Internship or Research (6 Hours)

Choose Internship or Research option in consultation with MPA director

- [P A 5900 - Internship in Public Administration \(3-6\)](#) (6 hours)
- OR
- [P A 5010 - Field-Based Research \(3\)](#) and an MPA Elective (3)

Shared Required Courses (6 hours)

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Effective Fall 2020 unless otherwise noted.

Choose One (3 Hours)

- [MBA 5200 - Problem Analysis and Quantitative Methods \(3\)](#)
- [P A 5000 - Research Methods \(3\)](#)

Choose One (3 Hours)

- [MBA 5750 - Strategic Management \(3\)](#)
- [P A 5260 - Organization Theory and Behavior \(3\)](#)

Electives (12 Hours)

12 hours of Graduate Electives approved by MBA and MPA advisors

Students are required to work with both program advisors each semester to determine appropriate program of study and course scheduling.

MBA 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 MBA degree.

For more information about differential tuition, please refer to

<http://studentaccounts.appstate.edu/tuition-and-fees>

Other Requirements for the MBA

- **Thesis:** Optional
- **Proficiency:** Not required

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

- **Candidacy:** Required

- ~~Students must demonstrate knowledge and exposure to international business and culture before completion of the degree program, through approved activities such as short term study abroad, completion of a course with an international theme, international internship, practicum with an international theme, or other activities as approved by the program director.~~

- ~~Students must document valid work experience before the completion of the degree program, through approved activities such as business practicum, internship, documented previous work experience, or other activities approved by the program director.~~

- **Comprehensive:** Not required

- **Product of Learning:** Not required

Other Requirements for the MPA

- **Thesis:** Not required

- **Proficiency:** Students must demonstrate a proficiency in reading a foreign language or quantitative analysis as a research tool. The department may determine the proficiency required.

- **Candidacy:** Not required

- **Comprehensive:** Successful completion of a capstone experience ([PA 5558](#) plus [PA 5559](#)) fulfills the requirement for a comprehensive examination.

- **Product of Learning:** Not required

G_COB_MBA_2019_8

Change POS for Dual Degree MBA and MA IOPHRM as follows:

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

Allow students to substitute MBA 5020 with another course with an international business theme in the MBA requirements section of the POS.
Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.
Remove redundant language in POS about the international requirement from “Other Requirements for the MBA.”
Require MBA 5820 only in final semester of program.

Business Administration - Interdisciplinary Business Concentration, MBA and Industrial-Organizational Psychology and Human Resource Management, MA

Program Codes: MBA_305G and MA_258A
CIP Codes: 52.0201 and 42.2804

Program of Study for the Dual Master of Business Administration and the Master of Arts in Industrial-Organizational Psychology and Human Resource Management

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

Additional MBA Admission Requirements: Evidence of knowledge in statistics, financial accounting, economics, corporate finance, marketing, and organizational behavior through course work, work experience or completion of an accelerated prerequisite program before taking graduate course work in those subjects.

Additional MA IOHRM Admission Requirements: Completion of courses in General Psychology and Introductory Statistics; statement not exceeding two pages describing the applicant’s academic and professional goals.

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

Location: On Campus

Course Requirements for the Dual Master of Business Administration and the Master of Arts in Industrial-Organizational Psychology and Human Resource Management

Total Required (Minimum 69 Hours)

Master of Business Administration Required Courses (24 Hours)

-
- [MBA 5020 - International Experience \(3\)](#)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

OR

- [Another course with an international business theme as approved by the MBA director](#)
- [MBA 5110 - Economics for Decision-Making \(3\)](#)
- [MBA 5220 - Operations and Supply Chain Management \(3\)](#)
- [MBA 5230 - Fundamentals of Business Analytics \(3\)](#)
- [MBA 5320 - Managerial Accounting \(3\)](#)
- [MBA 5420 - Marketing Strategy and Applications \(3\)](#)
- [MBA 5600 - Managerial Finance \(3\)](#)
- [MBA 5750 - Strategic Management \(3\)](#)
- [MBA 5820 - Executive Skills \(0\)](#) Dual-Degree students must enroll ~~two times~~ in their final semester.

Master of Arts in Industrial-Organizational Psychology and Human Resource Management Required Courses (42 Hours)

-
- [MGT 5040 - Employment Law \(3\)](#)
 - [MGT 5160 - Strategic Human Resource Management \(3\)](#)
 - [MGT 5570 - Compensation \(3\)](#)
 - [PSY 5020 - Research Methods in Psychology \(3\)](#)
 - [PSY 5030 - Quantitative Methods in Psychology \(3\)](#)
 -
 - [MGT 5045 - Introduction to Human Resources and Professional Issues \(3\)](#)
 - or
 - [PSY 5045 - Introduction to Human Resources and Professional Issues \(3\)](#)
 -
 - [MGT 5055 - Leadership, Groups, and Teams \(3\)](#)
 - or
 - [PSY 5055 - Leadership, Groups, and Teams \(3\)](#)
 -
 - [MGT 5065 - Organizational Development \(3\)](#)

Provost approved 3/26/20
Effective Fall 2020 unless otherwise noted.

- or
- [PSY 5065 - Organizational Development \(3\)](#)
-
- [MGT 5660 - Staffing \(3\)](#)
- or
- [PSY 5660 - Staffing \(3\)](#)
-
- [MGT 5661 - Performance Management \(3\)](#)
- or
- [PSY 5661 - Performance Management \(3\)](#)
-
- [MGT 5671 - Training and Development \(3\)](#)
- or
- [PSY 5671 - Training and Development \(3\)](#)
-
- [MGT 5672 - Advanced Organizational Psychology \(3\)](#)
- or
- [PSY 5672 - Advanced Organizational Psychology \(3\)](#)

Internship (6 Hours)

-
- [MGT 5900 - Internship \(6\)](#)

Electives (3 Hours)

Graduate Electives approved by MBA and IOHRM Advisors (3 Hours)

Note

Students are required to work with both program advisors each semester to determine appropriate program of study and course scheduling.

MBA 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 MBA degree.

For more information about differential tuition, please refer to

<http://studentaccounts.appstate.edu/tuition-and-fees>

Other Requirements for the Dual Master of Business Administration and the Master of Arts in Industrial-Organizational Psychology and Human Resource Management

Thesis: Not Required

Proficiency: Statistics proficiency met by completion of [PSY 5020](#)

Candidacy: Required for both programs

- For the MBA:
 - ~~□ Students must demonstrate knowledge and exposure to international business and culture before completion of the degree program, through approved activities such as short term study abroad, completion of a course with an international theme, international internship, practicum with an international theme, or other activities as approved by the program director.~~
 - ~~□ Students must document valid work experience before the completion of the degree program, through approved activities such as business practicum, internship, documented previous work experience, or other activities approved by the program director.~~
- For the MA IOHRM: See the program director for specific timeline and requirements for admission to candidacy.

Comprehensive: Required for MA IOHRM - Each candidate will satisfactorily complete a comprehensive oral exam administered by Program Faculty

Product of Learning: None required

G_COB_MBA_2019_9

Change the POS for MBA Supply Chain Management concentration as follows:

Remove MBA 5020 from the “Required coursework” and “Additional Elective Options” sections of the POS.

Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.

Require MBA 5820 only in final semester of program.

Add SCM 5690 to course list in “Concentration Requirements” section of POS.

Business Administration - Supply Chain Management Concentration, MBA

Program Code:

MBA_305I CIP

Code: 52.0201

Program of Study for the Master of Business Administration

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete application to the Graduate School](#); official general GMAT or GRE exam scores; evidence of knowledge in statistics, financial accounting, economics, corporate finance, marketing, and organizational behavior 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 this condition does not guarantee admission.

Location: On Campus and Off Campus. Off-Campus cohorts follow a part-time extended format.

Course Requirements for the Master of Business Administration

Total Required (Minimum 36 Hours)

Required Coursework (~~27~~ 24 Hours)

- ~~□ [MBA 5020 - International Experience \(3\)](#)~~
- [MBA 5110 - Economics for Decision-Making \(3\)](#)
- [MBA 5200 - Problem Analysis and Quantitative Methods \(3\)](#)
- [MBA 5220 - Operations and Supply Chain Management \(3\)](#)
- [MBA 5230 - Fundamentals of Business Analytics \(3\)](#)
- [MBA 5320 - Managerial Accounting \(3\)](#)
- [MBA 5420 - Marketing Strategy and Applications \(3\)](#)
- [MBA 5600 - Managerial Finance \(3\)](#)
- [MBA 5750 - Strategic Management \(3\)](#)
- [MBA 5820 - Executive Skills \(0\)](#) ~~Full-time and part-time~~
Students must enroll ~~three times~~; dual-degree students

~~must enroll two times~~ in their final semester.

Concentration Requirements (9-12 Hours)

Choose 9-12 hours from the list below or from the additional elective options; other electives may be chosen with approval of the program director.

- [MBA 5250 - Strategic Sourcing and Logistics Management \(3\)](#)
- [MBA 5680 - Six Sigma, Lean and Quality Management \(3\)](#)
- [MBA 5870 - Analytical Models for Supply Chain Management \(3\)](#)
- [ECO 5740 - Forecasting and Time Series Models \(3\)](#)
- [SCM 5690 – Global Supply Chain Management \(3\)](#)

Additional Elective Options

With approval of the program director, the following courses can count in any concentration provided that the course content fits with the concentration theme.

- [MBA 5020 - International Experience \(3\)](#)
- [MBA 5060 - Executive Seminar \(1-3\)](#)
- [MBA 5500 - Independent Study \(1-6\)](#)
- [MBA 5800 - Business Practicum \(1-6\)](#)
- [MBA 5900 - MBA Internship \(1-6\)](#)
- [MBA 5998 - Thesis Preparation \(1-3\)](#)
- [MBA 5999 - Thesis \(1-6\)](#)

Other Requirements for the MBA

- **Thesis:** Optional
- **Proficiency:** Not required
- **Candidacy:** Required

- Students must demonstrate knowledge and exposure to international business and culture before completion of the degree program, through approved activities such as short term study abroad, completion of a course with an international theme, international internship, practicum with an international theme, or other activities as approved by the program director.
- ~~Students must document valid work experience before the completion of the degree program, through approved activities such as business practicum, internship, documented previous work experience, or other activities approved by the program director.~~
- **Comprehensive:** Not required
- **Product of Learning:** Not required

G_COB_MBA_2019_10

Change the POS for the MBA International Business Concentration as follows:

Remove MBA 5020 from the “Required coursework” and “Additional Elective Options” sections of the POS.

Add MBA 5020 to the “Concentration Requirements” section of the POS.

Remove redundant language in POS about the international requirement from “Other Requirements for the MBA.”

Require MBA 5820 only in final semester of program.

Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.

Add SCM 5690 to course list in “Concentration Requirements” section of POS.

Business Administration - International Business Concentration, MBA

Program Code:

MBA_305C CIP

Code: 52.0201

Program of Study for the Master of Business Administration

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete application to the Graduate School](#); official general GMAT or GRE exam scores; evidence of knowledge in statistics, financial accounting, economics, corporate finance, marketing, and organizational behavior 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 this condition does not guarantee admission.

Location: On Campus and Off Campus. Off-Campus cohorts follow a part-time extended format.

Course Requirements for the Master of Business Administration

Total Required (Minimum 36 Hours)

Required Coursework (~~27-24~~ Hours)

- ~~MBA 5020 - International Experience (3)~~
- [MBA 5110 - Economics for Decision-Making \(3\)](#)
- [MBA 5200 - Problem Analysis and Quantitative Methods \(3\)](#)
- [MBA 5220 - Operations and Supply Chain Management \(3\)](#)
- [MBA 5230 - Fundamentals of Business Analytics \(3\)](#)
- [MBA 5320 - Managerial Accounting \(3\)](#)
- [MBA 5420 - Marketing Strategy and Applications \(3\)](#)
- [MBA 5600 - Managerial Finance \(3\)](#)
- [MBA 5750 - Strategic Management \(3\)](#)
- [MBA 5820 - Executive Skills \(0\)](#) Full-time and part-time students must enroll ~~three times~~; ~~dual degree students must enroll two times~~ in their final semester.

Concentration Requirements (~~9-12~~ Hours)

Required for all International Business students:

- [MBA 5020 - International Experience \(3\)](#)

Choose 9 hours from the list below or from the additional elective options; other electives may be chosen with approval of the program director.

- [ACC 5230 - International Accounting \(3\)](#)
- [ECO 5640 - International Macroeconomics \(3\)](#)
- ~~MBA 5020 - International Experience (3)~~
- [MBA 5080 - Sustainable Business for a Global Economy \(3\)](#)

- [MBA 5720 - International Seminar \(1-3\)](#)
- [MKT 5550 - International Marketing \(3\)](#)
- [SCM 5690 – Global Supply Chain Management \(3\)](#)

Additional Elective Options

With approval of the program director, the following courses can count in any concentration provided that the course content fits with the concentration theme.

- ~~☐ [MBA 5020 – International Experience \(3\)](#)~~
- [MBA 5060 - Executive Seminar \(1-3\)](#)
- [MBA 5500 - Independent Study \(1-6\)](#)
- [MBA 5800 - Business Practicum \(1-6\)](#)
- [MBA 5900 - MBA Internship \(1-6\)](#)
- [MBA 5998 - Thesis Preparation \(1-3\)](#)
- ☐ [MBA 5999 - Thesis \(1-6\)](#)

Other Requirements for the MBA

- **Thesis:** Optional
- **Proficiency:** Not required
- **Candidacy:** Required
 - ~~☐ Students must demonstrate knowledge and exposure to international business and culture before completion of the degree program, through approved activities such as short term study abroad, completion of a course with an international theme, international internship, practicum with an international theme, or other activities as approved by the program director.~~
 - ~~☐ Students must document valid work experience before the completion of the degree program, through approved activities such as business practicum, internship, documented previous work experience, or other activities approved by the program director.~~
- **Comprehensive:** Not required

- **Product of Learning:** Not required

G_COB_MBA_2019_11

Change POS for MBA Business Analytics Concentration as follows:

Remove MBA 5020 from the “Required coursework” and “Additional Elective Options” sections of the POS.

Remove paragraph requiring work experience from “Other Requirements for the MBA” section of POS.

Require MBA 5820 only in final semester of program.

Replace CIS 5860 with CIS 5630 as a concentration requirement.

Make CIS 5860 and elective option.

Update list of elective options to reflect previous course catalog changes and provide additional relevant course options for students.

Business Administration - Business Analytics Concentration, MBA

Program Code:

MBA_305F CIP

Code: 52.0201

Program of Study for the Master of Business Administration

Admission Requirements: Baccalaureate degree from an accredited college or university; [complete application to the Graduate School](#); official general GMAT or GRE exam scores; evidence of knowledge in statistics, financial accounting, economics, corporate finance, marketing, and organizational behavior 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 this condition does not guarantee admission.

Location: On Campus and Off Campus. Off-Campus cohorts follow a part-time extended format.

Course Requirements for the Master of Business Administration

Total Required (Minimum 36 Hours)

Required Coursework (27-24 Hours)

- ~~MBA 5020 International Experience (3)~~

- [MBA 5110 - Economics for Decision-Making \(3\)](#)
- [MBA 5200 - Problem Analysis and Quantitative Methods \(3\)](#)
- [MBA 5220 - Operations and Supply Chain Management \(3\)](#)
- [MBA 5230 - Fundamentals of Business Analytics \(3\)](#)
- [MBA 5320 - Managerial Accounting \(3\)](#)
- [MBA 5420 - Marketing Strategy and Applications \(3\)](#)
- [MBA 5600 - Managerial Finance \(3\)](#)
- [MBA 5750 - Strategic Management \(3\)](#)
- [MBA 5820 - Executive Skills \(0\)](#) Full-time and part-time students must enroll ~~three times~~; ~~dual-degree students must enroll two times~~ in their final semester.

Concentration Requirements (9-12 Hours)

- ~~CIS 5860-5630 - Applied Analytics Project (1-6)~~ [Data Management \(3\)](#)

Choose Two From the Following (6 Hours)

Choose ~~6-9~~ hours from the list below or from the additional elective options; electives outside of business require approval of the department offering the course; other electives may be chosen with approval of the program director.

- ~~CIS 5630 – Data Management (3)~~
- ~~CIS 5830 – Security, Privacy and Ethical Issues in Analytics (3)~~
- [CIS 5860 – Applied Analytics Project \(3\)](#)
- [MBA 5660 – Web Analytics, Data Privacy and Security \(3\)](#)

- [MBA 5870 - Analytical Models for Supply Chain Management \(3\)](#)
- [ECO 5740 - Forecasting and Time Series Models \(3\)](#)
- [ECO 5720 – Applied Econometrics \(3\)](#)
- [MKT 5050 – Marketing Analytics \(3\)](#)
- [C S 5710 - Data Mining and Knowledge Discovery in Scientific Data \(3\)](#)
- [BIO 5777 - Biostatistics \(4\)](#)
- [GHY 5812 - Advanced GIS \(3\)](#)

Additional Elective Options

With approval of the program director, the following courses can count in any concentration provided that the course content fits with the concentration theme.

- [MBA 5020 - International Experience \(3\)](#)
- [MBA 5060 - Executive Seminar \(1-3\)](#)
- [MBA 5500 - Independent Study \(1-6\)](#)
- [MBA 5800 - Business Practicum \(1-6\)](#)
- [MBA 5900 - MBA Internship \(1-6\)](#)
- [MBA 5998 - Thesis Preparation \(1-3\)](#)
- [MBA 5999 - Thesis \(1-6\)](#)

Other Requirements for the MBA

- **Thesis:** Optional
- **Proficiency:** Not required
- **Candidacy:** Required
- Students must demonstrate knowledge and exposure to international business and culture

before completion of the degree program, through approved activities such as short-term study abroad, completion of a course with an international theme, international internship, practicum with an international theme, or other activities as approved by the program director.

- ~~Students must document valid work experience before the completion of the degree program, through approved activities such as business practicum, internship, documented previous work experience, or other activities approved by the program director.~~
- **Comprehensive:** Not required
- **Product of Learning:** Not required

G_COB_GCERTBA_2019_1

Change to Program of Study for Business Analytics Graduate Certificate to:

- a) clarify the pre-requisites for the program.
- b) remove CIS 5860 - Applied Analytics Project (3) as a required course
- c) add CIS 5630 - Data Management (3) as a required course
- d) remove CIS 5630-Data Management (3) from electives;
- e) remove CIS 5830 Security, Privacy and Ethical Issues in Analytics (3) from electives;
- f) add MBA 5660 – Web Analytics, Data Privacy and Security (3) to elective

Program

Code:

GCERT_340

A CIP Code:

11.0802

Program of Study for the Graduate Certificate in Business Analytics

Admission Requirements: Baccalaureate degree from an accredited college or university; **complete application to the [Graduate School](#)**; evidence of knowledge in statistics ~~and, financial accounting,~~ economics , [corporate finance](#), [marketing](#), and ~~organizational behavior~~ through course work, work experience or completion of the accelerated prerequisite program before taking graduate course work in those subjects.

Location: On Campus

Course Requirements for the Graduate Certificate in Business Analytics

Total Required (Minimum 15 Hours)

Required Courses (15.9 Hours)

- [MBA 5200 - Problem Analysis and Quantitative Methods \(3\)](#)
- [MBA 5230 - Fundamentals of Business Analytics \(3\)](#)
- [CIS 5630 - Data Management \(3\)](#)
- [CIS 5860 – Applied Analytics Project \(1-6\)](#)

Choose From the Following List (6 Hours)

Electives outside of business require approval of the department offering the course; other course options require permission from the program director.

- [CIS 5630 – Data Management \(3\)](#)
- [CIS 5830 – Security, Privacy and Ethical Issues in Analytics \(3\)](#)
- [MBA5660 – Web Analytics, Data Privacy and Security \(3\)](#)
- [MBA 5870 - Analytical Models for Supply Chain Management \(3\)](#)
- [ECO 5740 - Forecasting and Time Series Models \(3\)](#)
- [C S 5710 - Data Mining and Knowledge Discovery in Scientific Data \(3\)](#)
- [BIO 5777 - Biostatistics \(4\)](#)
- [GHY 5812 - Advanced GIS \(3\)](#)

GU_FAA_STBE_2019_03

Change course title: TEC 5633 - Photovoltaics II as TEC 5633 - Battery-Based PV Systems.

Proposed Descriptions

TEC 4633 - Battery-Based PV Systems (3)

When Offered: Fall; Spring.

Battery-based photovoltaic (PV) systems are used in a wide variety of applications including off-grid homes, small standalone lighting systems, back-up power systems at remote telecommunications sites, village micro-grid systems, and PV powered RVs and boats. This course focuses on components utilized in battery-based systems, including PV panels/arrays, batteries, charge controllers, generators, inverters, and inverter/chargers; and examines how they are integrated and configured for different applications. This design-based course focuses on detailed system sizing calculations, equipment selection criteria, and strategies for all types of battery-based PV systems. Lecture two hours, laboratory two hours.

Prerequisite: TEC 3609.

[Dual-listed with TEC 5633.] Dual-listed courses require senior standing.

TEC 5633 - Battery-Based PV Systems (3)

When Offered: Fall, Spring

Battery-based photovoltaic (PV) systems are used in a wide variety of applications including off-grid homes, small stand-alone lighting systems, back-up power systems at remote telecommunications sites, village micro-grid systems, and PV-powered RVs and boats. This course focuses on components utilized in battery-based systems, including PV panels/arrays, batteries, charge controllers, generators, inverters, and inverter/chargers; and examines how they are integrated and configured for different applications. This design-based course focuses on detailed system sizing calculations, equipment selection criteria, and strategies for all types of battery-based PV systems. Content mastery and applied practice at the graduate level is expected.

Lecture two hours, laboratory two hours. [Dual-listed with TEC 4633.]

GU_FAA_STBE_2019_04

Change the description for TEC 5628 - Solar Thermal Energy Technology.

Proposed Descriptions

TEC 4628 - Solar Thermal Energy Technology (3)

When Offered: Fall; Spring

This course will focus on concepts, tools, materials, and techniques needed to convert solar energy into useful heat in a variety of applications. Specific technologies to be studied may include passive solar design, solar greenhouses, solar water heating and hydronic systems, PV-direct water heating, thermal energy storage, and concentrating solar. Economic evaluation will be included in assessments of these technologies. The course will include traditional classroom as well as design, modeling, construction and testing activities. Lecture two hours, laboratory two hours.

Prerequisites: TEC 3609 and 3638

[Dual-listed with TEC 5628.] Dual listed courses require senior standing.

TEC 5628 - Solar Thermal Energy Technology (3)

When Offered: Fall; Spring

This course will focus on concepts, tools, materials, and techniques needed to convert solar energy into useful heat in a variety of applications. Specific technologies to be studied may include passive solar design, solar greenhouses, solar water heating and hydronic systems, PV-direct water heating, thermal energy storage, and concentrating solar. Economic evaluation will be included in assessments of these technologies. The course will include traditional classroom as well as design, modeling, construction and testing activities. Content mastery and applied practice at the graduate level is expected.

Lecture two hours, laboratory two hours. [Dual-listed with TEC 4628.]

GU_FAA_STBE_2019_05

Change the description for TEC 5700 - Bioenergy Technology.

TEC 4700 - Bioenergy Technology (3)

When Offered: Fall; Spring

An examination of evolving bioenergy conversion technologies (anaerobic digestion, pyrolysis) which are being developed to displace non-renewable fuels. This course will focus on the concepts, tools, techniques, and materials needed to assess, design, and construct bioenergy technology systems.

Coursework will include multimedia presentations, lectures, discussions, films, field trips, homework, guest-speakers, and laboratory activities. Topics include: biogas and digester design, waste to energy, chemistry of biomass, C & N cycles, bioenergy feedstocks, pyrolysis products- biochar, py-oil, and syngas, closed-loop designs, energy balance, life cycle assessment, the bioenergy and agricultural nexus, and eco-industrial models. Lecture two hours, laboratory two hours.

Prerequisite: TEC 2029, TEC 2601, TEC 3605, and TEC 3638.

[Dual-listed with TEC 5700.] Dual-listed courses require senior standing.

TEC 5700 - Bioenergy Technology (3)

When Offered: Fall, Spring

An examination of evolving bioenergy conversion technologies (anaerobic digestion, pyrolysis) which are being developed to displace non-renewable fuels. This course will focus on the concepts, tools, techniques, and materials needed to assess, design, and construct bioenergy technology systems.

Coursework will include multimedia presentations, lectures, discussions, films, field trips, homework, guest-speakers, and laboratory activities. Topics include: biogas and digester design, waste to energy, chemistry of biomass, C & N cycles, bioenergy feedstocks, pyrolysis products- biochar, py-oil, and syngas, closed-loop designs, energy balance, life cycle assessment, the bioenergy and agricultural nexus, and eco-industrial models. Content mastery and applied practice at the graduate level is expected. Lecture two hours, laboratory two hours. [Dual-listed with TEC 4700.]

G_MUS_MUS_2019_1

Add course MUS 5063 Advanced Readings in Music Theory Pedagogy.

MUS 5063-Advanced Readings in Music Theory Pedagogy (2).

When offered: Summer

A study of current pedagogical trends as they relate to research and practice in the field of music theory pedagogy. Students will be asked to compile a literature review, develop a research statement and proposal, and complete a scholarly research project on a chosen topic relating to pedagogy.

Prerequisite: MUS 5602.

G_MUS_MUS_2019_2

Add MUS 5064 Advanced Topics in Analysis.

MUS 5064-Advanced Topics in Musical Analysis (3).

When offered: Spring

A study of advanced analytical techniques, including topics in Schenkerian analysis, musical form, and popular music. Each unit will conclude with analysis assignments in the form of papers and presentations.

Prerequisite: MUS 5600 or permission of instructor.

G_MUS_MUS_2019_3

Add MUS 5065 Teaching Practicum in Music Theory.

MUS 5065-Teaching Practicum in Music Theory (1).

When offered: Fall and Spring

A hands-on practical experience in teaching music theory and/or aural skills. Students will be asked to assist a primary instructor in a core class in either music theory or aural skills. Duties will include assignments in classroom teaching, creation and grading of assessments, and leading in-class discussions.

Prerequisite: MUS 5063 and MUS 5064. Proficiency must be demonstrated in keyboard and sight singing before enrolling in MUS 5065.

G_MUS_MUS_2019_4

Add MUS 5066 Pedagogy Portfolio.

MUS 5066-Pedagogy Portfolio (1).

When offered: Fall and Spring

The main purpose of this course is to provide assistance and guidance to students as they prepare their Pedagogy Portfolio. Students will be required to create a final document that includes artifacts that represent their teaching practices as well as individual research

in the field of music theory and aural skills pedagogy. Prerequisite: MUS 5065

G_MUS_MUS_2019_5

Add a graduate certificate in Music Theory Pedagogy Research and Practice.

Program Code: XXXXXX

CIP Code: XXXX

Program of Study for the Graduate Certificate in Music Theory Pedagogy Research and Practice

Admission Requirements: Baccalaureate degree from an accredited college or university; , [complete application to the Graduate School](#); statement of teaching philosophy, remote or live interview with members of theory faculty including sight-singing proficiency and performance demonstrating proficiency on keyboard in playing prepared excerpts.

Location: On campus

Course Requirements for the Graduate Certificate in Music Theory Pedagogy Research and Practice

Total Required (Minimum 13 Hours)

Required Courses (10 Hours)

- MUS 5602: Music Theory Pedagogy (3)
- MUS 5063: Advanced Readings in Music Theory Pedagogy (2)
- MUS 5064: Advanced Topics in Analysis (3)
- MUS 5065: Teaching Practicum in Music Theory (1)
- MUS 5066: Pedagogy Portfolio (1)

Electives (3 Hours)

3 hours of approved graduate electives chosen in consultation with an advisor; suggested electives include but are not limited to:

- HE 5440: College & University Teaching (3)
- HE 5050: Designing Adult Learning Experiences Using Technology (3)
- HE 5635 - Adult Development & Learning Theories (3)

- MUS 5530: Special Topics (3)

GU_MUS_MUS_2019_20

Add new dual-listed courses: MUS 4054/5054 Advanced Alexander Technique for Musicians.

MUS 4054- Advanced Alexander Technique for Musicians (1)

When Offered: Fall; Spring

An advanced course in constructive conscious thought, feeling, and action that studies and applies the principles of the Alexander Technique, developed by F. M. Alexander, to musicians. This course addresses practical and professional applications that are designed to bring about a positive stage presence, ease of coordination and performance, clear communication, creativity, and agency. May be repeated for credit. Open only to music majors. Prerequisite: MUS 3054 with a grade of at least B- (2.7). [Dual-listed with MUS 5054.] Dual-listed courses require senior standing; juniors may enroll with permission of the instructor.

MUS 5054- Advanced Alexander Technique for Musicians (1)

When Offered: Fall; Spring

An advanced course in constructive conscious thought, feeling, and action that studies and applies the principles of the Alexander Technique, developed by F. M. Alexander, to musicians. This course addresses practical and professional applications that are designed to bring about a positive stage presence, ease of coordination and performance, clear communication, creativity, and agency. May be repeated for credit. Open only to music majors. [Dual-listed with MUS 4054.]