

MINUTES OF THE MEETING
OF THE UNDERGRADUATE ACADEMIC POLICIES AND PROCEDURES COMMITTEE
January 13, 2016

The AP&P Committee met on Wednesday, January 13, 2016 at 3:00 p.m. in the William C. Strickland Conference Room of I.G. Greer Hall.

Committee members present: Dr. Jon Beebe, Dr. Ed Behrend-Martinez, Dr. Jennifer Burris, Dr. Teresa Carnevale, Dr. Dinesh Davé, Dr. Jeff Hirst, Dr. Joe Klein, Dr. Cameron Lippard, Dr. Kathleen Lynch-Davis, Mr. Jason Miller, Dr. Janice Pope, Dr. Ben Powell, Dr. Rene Salinas, Mr. John Wiswell, Ms. Tori Little

Committee members excused: Mr. Wes Rawles

Committee members unexcused: Dr. Ellie Hoffman

At 3:05 p.m., Dr. Ben Powell noted that we have a quorum and he called the meeting to order.

Minutes

- November 4, 2015

VOTE 1 – To approve the November 4, 2015 minutes – PASSED

Subcommittees

- Academic Policies Subcommittee – The committee is continuing to work on revisions to the Academic Governance Handbook and they will present proposals for revisions at the February 3rd UAP&P meeting.
- Academic Procedures Subcommittee – Ben Powell reported that the committee would be looking at adding Learning Outcomes to the AP&P form to help IRAP. Also, the committee would be meeting with the Registrar's Office concerning a project to clean up schedule types and Dr. Mayfield reminded the committee that we needed to be careful in making changes since there is a difference in "clarifications" and "changes." Dr. Powell also mentioned that the committee would be considering updates to part A and B of the AP&P form for 2016-17.

Announcements

- "For Information Only" memo/list of items approved by the General Education Council on November 20, 2015 and December 4, 2015.

November 20, 2015 Gen Ed Council (EFFECTIVE: Fall 2016)

GEN ED: Quantitative Literacy Designation

ECO 2100. Business & Economic Statistics I

ECO 2200. Business & Economic Statistics II

GEN ED: Wellness Literacy

HP 1105. Health and Fitness

MSL 1101. Army Physical Fitness

GEN ED: Writing in the Discipline (WID)

BE 3340. Business Communication
CTE 4650. Research in Career and Technical Education
CI 3030/MAT 3030. Investigating Mathematics and Learning
CI 3900. Middle Grades Internship

GEN ED: Senior Capstone

ECO 4810. Seminar in Economics

December 4, 2015 Gen Ed Council (EFFECTIVE: Fall 2016)

GEN ED: Science Inquiry: The Blue Planet

GLY 1104. Water: Mountains to Sea
GLY 1105. Oceanography

GEN ED: Science Inquiry: Global Environmental Change

GLY 1103. Environmental Change, Hazards, and Resources
GLY 1104. Water: Mountains to Sea
GHY 1011. Global Climate Change
GHY 1012. Global Change of the Biosphere

GEN ED: Science Inquiry: Life, Earth, and Evolution

GLY 1102. Introduction to Historical Geology

GEN ED: Science Inquiry: Restless Planet

GLY 1101. Introduction to Physical Geology
GLY 1102. Introduction to Historical Geology
GLY 1103. Environmental Change, Hazards, and Resources

GEN ED: Writing in the Discipline (WID)

GLY 2745. Preparation of Geologic Reports
PHY 2210. Physics Laboratory Techniques and Data Analysis
ADM 4400. Professional Orientation
CHE 3303. Physical Chemistry I Lab
CS 3100. Junior Seminar
ENV 3100. Issues in Environmental Sciences
GHY 3000. Communicating Geographic Information
HIS 2800. Writing History
HPE 4310. Elementary Physical Education
IND 3100. Furniture I
IND 3701. Product Design Studio I
IDS 3001. Interdisciplinary Connections II
INT 3320. Environment and Human Behavior
MUS 2420. Music Merchandising and Entrepreneurship
MUS 3002. Music Theory V
PLN 3432. Planning Techniques
RM 3610. Administration of Leisure Services II
REL 3725. Religion and Empire
TEC 3638. Foundations of Appropriate Technology
TEC 3748. Building Science

GEN ED: Senior Capstone

GLY 4210. Senior Seminar
PHY 4210. Methods of Experimental Physics
ADM 4900. Internship
CHE 4000. Chemistry Seminar
CHE 4620. Environmental Chemistry
CHE 4900. Internship in Chemistry
CS 4510. Senior Honors Thesis
CS 4800. Capstone Project
ENV 4100. Environmental Science Seminar
ENV 4510. Senior Honors Research and Thesis
GHY 4830. Senior Seminar
HIS 4100. Senior Seminar
HIS 4510. Senior Honors Thesis
IDS 4001. Interdisciplinary Connections III
IND 4110. Furniture Design Studio II
IND 4711. Product Design Studio IV
INT 4900. Internship
MUS 4800. Clinical Research Project
MUS 4900. Internship in Music Industry Studies
AMU 4901-4925. Senior Recital
PLN 4830. Senior Seminar
RM 4210. Senior Seminar
TEC 4638. Contemporary Problems in Appropriate Technology
TEC 4900. Internship

GEN ED: Science Inquiry: How Things Work

PHY 1101/PHY 1111. How Things Work
PHY 1102/PHY 1112. Environment and Everyday Life

GEN ED: Science Inquiry: Physics of Our Technological World

PHY 1103/PHY 1113. General Physics I
PHY 1104/PHY 1114. General Physics II

GEN ED: Science Inquiry: Physics of Self-Expression

PHY 1101/PHY 1111. How Things Work
PHY 1812. Acoustics and Harmonics
PHY 1814. Sound and Recording

GEN ED: Science Inquiry: Physics with Calculus

PHY 1150/PHY 1160. Analytical Physics I
PHY 1151/PHY 1161. Analytical Physics II

GEN ED: Science Inquiry: Voyages Through the Cosmos

AST 1001/AST 1011. Introductory Astronomy I – The Solar System
AST 1002/AST 1012. Introductory Astronomy II – Stars and Galaxies

GEN ED: Wellness Literacy

NUT 2202. Nutrition and Health

GEN ED: Science Inquiry: Chemistry: Connections to our Changing World

CHE 1101. Introductory Chemistry I
CHE 1110. Introductory Chemistry I Lab
CHE 1102. Introductory Chemistry II
CHE 1120. Introductory Chemistry II Lab

GEN ED: Social Sciences Designation

RM 2010. Leisure in Society

- FIO – Appendix C for the BSBA in Supply Chain Management was sent to UNC-GA and is pending review.
- FIO – The UNC Board of Governors approved the Master of Health Administration degree (855*/51.0701). The degree will have a concentration in Information Systems (855B) and Leadership (855C).
- AP&P Membership – Dr. René Horst has a conflict with his Spring schedule and Dr. Ed Behrend-Martinez is scheduled to be approved by Faculty Senate on January 11th to take his seat for the semester.

New Business

Procedural note: All dual-listed graduate course changes are approved through the graduate AP&P Committee. The complete action of the proposal will be listed but only the undergraduate curriculum is voted on by UAP&P.

Order of Presentation:

College of Fine and Applied Arts (59)
Beaver College of Health Sciences (50)
Honors College (2)
Hayes School of Music (2)
College of Arts and Sciences (83)
Walker College of Business (47)
Deans Council (1)
Reich College of Education (2)

Dr. Glenda Treadaway presented proposals from the College of Fine and Applied Arts for the Department of Applied Design, Department of Art, Department of Communication, Department of Military Science and Leadership, Department of Sustainable Development, Department of Sustainable Technology and the Built Environment, and Department of Theatre and Dance.

The proposals from the **Department of Applied Design/Apparel Design and Merchandising** were approved as follows: (Effective: Fall 2016)

U_FAA_AD_ADM_2015_01 Change the course number, title, credit hours, lecture/lab statement, and course description for **ADM 2002 to ADM 1200** [DELETE ADM 2002 and ADD ADM 1200] to read as follows:

ADM 1200. Illustration I. (3).F.

An introductory course of manual and digital illustration skills especially for apparel design & merchandising majors. Emphasis will be given to fashion illustration figure proportions, scale, perspective, rendering apparel products, and illustration for technical design, product development, and production. This course is designed for the non-art student who may not have previous

drawing experience. Lecture one hour, laboratory three hours.

POS affected: 710, 710A

Courses affected: ADM 4000, ADM 4002

U_FAA_AD_ADM_2015_02 Change the course number, title, and prerequisite statement of **ADM 3003 to ADM 2010** [DELETE ADM 3003 and ADD ADM 2010] to read as follows:
ADM 2010. Survey of Fashion Merchandising (3).S.

An introduction to and exploration of the fashion industry in which the interrelated nature, development, and operation of the textile and apparel industry within a fashion merchandising context is studied. Lecture three hours. Prerequisite: ADM 1200.

POS affected: 710, 710A

Courses affected: ADM 4000, ADM 4002, ADM 4003

U_FAA_AD_ADM_2015_03 Change the course number, title, course description, and prerequisite statement of **ADM 4060 to ADM 2020** [DELETE ADM 4060 and ADD ADM 2020] to read as follows:
ADM 2020 Illustration II (3).S.

This course is an introduction to the development of a professional portfolio from concept to completion. The use of hand sketching and CAD (computer aided design) tools used in the illustration of apparel and/or apparel products for portfolio development will be emphasized. Lecture one hour, laboratory four hours. Prerequisites: ADM 1200, INT 1001, INT 1002.

POS affected: 710, 710A

Courses affected: ADM 3002

U_FAA_AD_ADM_2015_04 Change the course number, title, course description, lecture/lab statement, and prerequisite statement of **ADM 1001 to ADM 2030** [DELETE ADM 1001 and ADD ADM 2030] to read as follows:
ADM 2030. Apparel Design Studio I (3).F;S.

An introductory level course in professional apparel construction including cutting, sewing, finishing, and fit. Domestic and industrial equipment is used to produce practice samples and completed garments. Lecture one hour, laboratory four hours. Prerequisites: INT 1001, INT 1002. Prerequisite or corequisite: ADM 2000.

POS affected: 456D, 510F, 710, 710A

Courses affected: ADM 2011, ADM 2050

U_FAA_AD_ADM_2015_05 Change the course number, title, course description, and prerequisite statement of **ADM 2011 to ADM 2040** [DELETE ADM 2011 and ADD ADM 2040] to read as follows:
ADM 2040. Apparel Design Studio II (3).S.

Exploration of manual pattern making techniques for the apparel industry. Additional emphasis in the areas of intermediate to advanced construction techniques, selection of materials, and fitting the human form. Lecture one hour, laboratory four hours. Prerequisites: ADM 2030.

POS affected: 710, 710A

Courses affected: ADM 2050, ADM 3002

U_FAA_AD_ADM_2015_06 Course Addition:

ADM 2035. Sophomore Portfolio Review (0).S.

The process of preparing and submitting the sophomore portfolio for faculty review. Students are required to pass the review for admittance to upper level courses. The portfolio represents the student's best course work to date. Prerequisites: INT 1001, INT 1002; ADM 1000, ADM 1200. Prerequisites/Co-requisites ADM 2000, ADM 2010, ADM 2020, ADM 2030 and declared major in Apparel Design and Merchandising. Graded on an S/U basis.

U_FAA_AD_ADM_2015_07 Change the course number, title, course description, lecture/lab statement, and prerequisite statement of **ADM 2050 to ADM 3030** [DELETE ADM 2050 and ADD ADM 3030] to read as follows:

ADM 3030. Apparel Design Studio III (3).F.

Introduction to digital pattern making and production techniques for the apparel industry. Emphasis will be placed on 2D pattern development as well as 3D prototyping, using industry software. Additional topics include apparel production, technical design considerations, and marker making. Lecture one hour, laboratory four hours. Prerequisites: ADM 2035, ADM 2040.

POS affected: 710, 710A

Courses affected: ADM 3002, ADM 4000

U_FAA_AD_ADM_2015_08 Change the course number and prerequisite statement of **ADM 4002 to ADM 3040** [DELETE ADM 4002 and ADD ADM 3040] to read as follows:

ADM 3040. Visual Merchandising, Display and Promotion (3).S.

A study of visual merchandising and promotion within the context of the fashion industry. Creative opportunities are provided to develop skills through individual and group promotional activities and projects. Lecture two hours, laboratory two hours. Prerequisites: ADM 2035 and ADM 2040.

POS affected: 710, 710A

U_FAA_AD_ADM_2015_09 Change the course number and prerequisite statement of **ADM 4000 to ADM 3000** [DELETE ADM 4000 and ADD ADM 3000] to read as follows:
ADM 3000. Styling for the Apparel Industry (3).F.

Introduction to styling for the apparel industry with emphasis on tools and techniques for the promotion of individual and product branding. Lecture three hours. Prerequisites: ADM 2035, ADM 2040.

POS affected: 710, 710A

Courses affected: ADM 4004, ADM 4060

U_FAA_AD_ADM_2015_10 Course Addition:

ADM 4010. Sustainability in the Apparel Industry (3).S.

Introduction to the many facets of the apparel industry that have had environmental, social, and economic impact; a presentation of practices, solutions, and innovations used in the industry currently to affect change; and an exploration of opportunities and possibilities that further cultivate sustainability all along the supply and use chain. Lecture one hour, laboratory four hours. Prerequisites: ADM 2035, ADM 2040.

U_FAA_AD_ADM_2015_11 Change the course number and prerequisite statement of **ADM 4003 to ADM 4020** [DELETE ADM 4003 and ADD ADM 4020] to read as follows:
ADM 4020. Fashion Buying and Retail Math (3).F.
This course provides the basics of financial merchandise management and decision making for profitable apparel, textile and retail businesses. Merchandise buying is viewed from a qualitative and quantitative perspective. Lecture three hours. Prerequisites: ADM 2035, ADM 2040, ADM 3040.

POS affected: 710, 710A
Courses affected: ADM 4004

U_FAA_AD_ADM_2015_12 Change the course number, title, and prerequisite statement of **ADM 3002 to ADM 4030** [DELETE ADM 3002 and ADD ADM 4030] to read as follows:
ADM 4030. Apparel Design Studio IV (3).S.
Interrelationship of historic costume, textile materials, design and fashion drawing and illustration as tools of apparel design and production. A study of apparel design and manufacturing processes. Lecture two hours, laboratory two hours. Prerequisites: ADM 2035, ADM 3030. Corequisite: ADM 4040.

POS affected: 710, 710A
Courses affected: ADM 4060

U_FAA_AD_ADM_2015_13 Change the course number and prerequisite statement of **ADM 4004 to ADM 4040** [DELETE ADM 4004 and ADD ADM 4040] to read as follows:
ADM 4040. Merchandising Management: Principles and Practices (3).S.
An integrative approach to the role of merchandising management from a qualitative and quantitative perspective. Acquired merchandising concepts and principles are integrated and synthesized for the examination and exploration of the many aspects of merchandising management. Includes simulated management activities such as: case study and role playing. Lecture three hours. Prerequisites: ADM 4020. Corequisite: ADM 4030.

POS affected: 710A

U_FAA_AD_ADM_2015_14 Change the prerequisite statement and semester offering of **ADM 4400. Professional Seminar (1).F;S** to read as follows:
ADM 4400. Professional Seminar (1).F.
Prerequisites: senior level standing, completed 35 hours of ADM courses or approval of the major advisor; and RC 2001 or its equivalent. Should be completed before taking ADM 4900.

POS affected: 710A

U_FAA_AD_ADM_2015_16 Change the catalog copy of the requirements for the Bachelor of Science in Apparel Design and Merchandising (710A/19.0901).

The Bachelor of Science degree in Apparel Design and Merchandising (710A/19.0901)

The Apparel Design and Merchandising program educates and prepares students with the skills necessary for the process of apparel product development from concept to consumer including design, production, distribution, marketing, and merchandising apparel and textile products. The comprehensive curriculum provides students with instruction, studio

experiences, guest speakers and field study trips. In addition an internship is required. A minor in Marketing is obtained through the Walker College of Business. An alternate minor may be chosen in consultation with and approval by the program coordinator in Apparel Design & Merchandising. A minimum grade of “C” (2.0) is required in each major requirement and an overall cumulative 2.0 GPA is required to graduate. The program of study is available at: www.programsofstudy.appstate.edu/apparel-design-and-merchandising-bs-710a-2015-2016

Sophomore Portfolio Review for Apparel Design and Merchandising students –

In order to support the professional orientation of the program and to assist the student in an appropriate career choice, all Apparel Design and Merchandising majors must participate in the Sophomore Portfolio Review at the end of their sophomore year for admittance into the upper-level courses.

A. Apparel Design and Merchandising students must complete the following sequence of courses prior to the Sophomore Portfolio Review:

1. INT 1001 Visual Literacy I
2. INT 1002 Visual Literacy II
3. ADM 1000 Apparel and Consumer Behavior
4. ADM 1200 Illustration I
5. ADM 2000 Consumer Textiles
6. ADM 2010 Survey of Fashion Merchandising
7. ADM 2020 Illustration II
8. ADM 2030 Apparel Design Studio I

B. At the completion of the courses, students will be asked to present a portfolio to the Apparel Design and Merchandising faculty. The portfolio will include ten examples from the above classes and other work deemed appropriate for the presentation. The portfolio should show a range of skills including:

1. Communicating design ideas through the use of a variety of mediums
2. Ability to construct apparel products
3. Ability to use related computer programs
4. Ability to work with a variety of materials
5. Showing form sensibility (Sophomore Portfolio Reviews will occur at the end of the spring semester)

C. Students who do not pass the Sophomore Portfolio Review will be required to pursue one or more of several steps before reapplying to present the Sophomore Portfolio:

1. Consult with Apparel Design and Merchandising faculty to determine a plan for improvement of student's work
2. Take action identified in the consultation to build skills and knowledge, thus creating work for resubmission.
3. Redo the portfolio and reapply for the review procedure either one week later or on the first day of the fall semester
4. Consider a related major or field.

D. All transfer students who wish to be admitted into the upper-level (2000-4000) apparel design and merchandising courses at Appalachian State

University must complete either the Sophomore Portfolio Review or the Transfer Portfolio Review. To be considered for transfer credit for any ADM course, a portfolio of all work must be submitted and received prior to Reading Day of the Fall or Spring Semester prior to entering Appalachian State University. Without significant transfer credit in apparel design and merchandising courses, the Bachelor of Science degree in Apparel Design and Merchandising will generally take more than two years to complete.

U_FAA_AD_ADM_2015_17 Revise the program of study for the Bachelor of Science in Apparel Design and Merchandising (710A/19.0901). The revised program of study is at the end of the minutes.

U_FAA_AD_ADM_2015_18 Revise the program of study for the minor in Apparel Design and Merchandising (710/19.0901). The revised program of study is at the end of the minutes.

VOTE 2 – To approve the proposals from the Department of Applied Design/Apparel Design and Merchandising - Passed

The proposals from the **Department of Applied Design/Industrial Design** were approved as follows: (EFFECTIVE: Fall 2016)

U_FAA_AD_IND_2015_01 Course Addition:
IND 3520. Instructional Assistance (1).On Demand.
A supervised experience in the instructional process on the university level through direct participation in a classroom situation. Graded on an S/U basis. Prerequisite: junior or senior standing. May be repeated for a total credit of three semester hours. Approved contract is required.

U_FAA_AD_IND_2015_02 Course Addition:
IND 2402. Survey of Contemporary Design (3).On Demand.
This course examines design in the late 20th and 21st century; such as furniture, architecture, interiors, textiles, lighting, product, and fashion. Testimony from forward-thinking design figures, international fairs, museum exhibits, and the influence of new materials and technologies; Culminating in the exploration of dominant themes driving design today. Lecture three hours.

U_FAA_AD_IND_2015_03 Change the credit hours of **IND 3530-3549. Selected Topics (1-5).On Demand** to read as follows:
IND 3530–3549. Selected Topics (1–6). On Demand.

POS affected: 576C

U_FAA_AD_IND_2015_04 Revise the program of study for the Bachelor of Science in Industrial Design with a concentration in Furniture Design (576B/50.0404). The revised program of study is at the end of the minutes.

U_FAA_AD_IND_2015_05 Revise the program of study for the Bachelor of Science in Industrial Design with a concentration in Product Design (576C/50.0404). The revised program of study is at the end of the minutes.

U_FAA_AD_IND_2015_06 Change the course title and prerequisite statement of **IND 3100. Furniture Styling and Detailing (3).F.** to read as follows:
IND 3100. Furniture I (3).F.
GEN ED: Junior Writing in the Discipline (WID)
This course takes an in-depth approach to research, sketching, and drawing to give students insight into furniture types, elements, and construction. This insight may be utilized to help focus further research and design, culminating in construction documents and renderings. Prerequisites: IND 2000, IND 2401, RC 2001 or its equivalent. Studio six hours.

POS affected: 576B

U_FAA_AD_IND_2015_07 Change the course title of **IND 3200. Furniture Construction and Upholstery (3).S.** to read as follows:
IND 3200. Furniture II (3).S.

POS affected: 576B

U_FAA_AD_IND_2015_08 Change the course title of **IND 4100. Furniture Design Studio I (4).F.** to read as follows:
IND 4100. Furniture III (4).F.

POS affected: 576B

U_FAA_AD_IND_2015_09 Change the course title of **IND 4110. Furniture Design Studio II (4).S.** to read as follows:
IND 4110. Furniture IV (4).S.

POS affected: 576B

U_FAA_AD_IND_2015_13 Change the catalog copy of the Sophomore Portfolio Review for Industrial Design Students section to include the recommended requirements for undergraduate transfer students.

Sophomore Portfolio Review for Industrial Design Students-

To support the professional orientation of the industrial design major and to assist the student in an appropriate career choice, all industrial design students must participate in the Sophomore Portfolio Review at the end of their sophomore year for admittance into the upper-level courses and to complete the industrial design curriculum.

A. Industrial design students must complete the following sequence of courses for the industrial design major with a concentration in either Furniture Design or Product Design before the Sophomore Portfolio Review:

1. INT 1001 Visual Literacy I
2. INT 1002 Visual Literacy II
3. IND 1010 CADD I: Imaging
4. IND 2012 Product Design
5. IND 2120 Materials and Processes I
6. IND 2201 Design Drawing I
7. IND 2421 Preliminary Design Studio

B. At the completion of the courses, students will be asked to present a portfolio to the industrial design faculty. The portfolio will include five examples from the above classes and other work deemed appropriate for the presentation. The portfolio should show a range of skills including:

1. Drawing ability
2. Craftsmanship of physical models
3. Knowledge of computer programs
4. Knowledge of different materials
5. Show form sensibility (Sophomore Portfolio Reviews will occur at the end of the spring semester)

C. Students who do not pass the Sophomore Portfolio Review will be required to pursue one or more of several steps before reapplying to present the Sophomore Portfolio:

1. Consult with industrial design faculty to determine a plan for improvement of student's work
2. Take action identified in the consultation to build skills and knowledge, thus creating work for resubmission.
3. Redo the portfolio and reapply for the review procedure either one week later or on the first day of the fall semester.
4. Consider a related major or field.

D. All transfer students admitted into the upper-level (3000- 4000) industrial design courses at Appalachian State University must complete either the Sophomore Portfolio Review or the Transfer Portfolio Review. To be considered for transfer credit for any IND course, a portfolio of all work must be submitted and received prior to Reading Day of the Fall or Spring Semester prior to entering Appalachian State University. Without significant transfer credit in industrial design courses, the Bachelor of Science degree in Industrial Design will generally take four years to complete.

U_FAA_AD_IND_2015_14 Change the prerequisite of **IND 3004. Welding (3).On Demand.** to read as follows:
Prerequisite: IND 2110 or IND 2120.

POS affected: 571A

U_FAA_AD_IND_2015_15 Change the lecture/lab statement of **IND 4701. Product Design Studio III (5).F.** to read as follows:
IND 4701. Product Design Studio III (5).F.

The first semester of the senior design studio places higher expectations on the student's design process, as developed in IND 3711 (Product Design Studio II). Projects are research oriented, and documentation of the development of design ideas is paramount for successful completion of the course. Design research, as it can be applied to their upcoming senior design projects, is the focus toward the end of the semester. The subjects of design culture, the materiality of objects, product semantics and user-centered design are among the research topics and points of discussion. Potential projects may include consumer electronics, toys, transportation, and housewares. Industry sponsored projects are often undertaken as well. Studio five hours. Prerequisite: IND 3711.

U_FAA_AD_IND_2015_16 Change the lecture/lab statement of **IND 4711. Product Design Studio IV (5).S.** to read as follows:

IND 4711. Product Design Studio IV (5).S.

The final semester of the product design studio sequence examines professional practice in the field of industrial design, professional ethics, available jobs, and opportunities for continued education. A fully executed design project is the primary focus of the semester, with the student using the research skills developed during the previous product design studios. Potential projects may include furniture design, exhibit design, consumer products, medical devices, and sporting goods. Passing a portfolio review is a requirement of this course. Studio five hours. Prerequisite: IND 4701.

VOTE 3 – To approve the proposals from the Department of Applied Design/Industrial Design - PASSED

The proposals from the **Department of Applied Design/Interior Design** were approved as follows: (EFFECTIVE: Fall 2016)

U_FAA_AD_INT_2015_03 Change the title and course description of **INT 1300. Design and the Build Environment (3).F.** to read as follows:

INT 1300. Design Matters (3).F.

Design Matters provides a survey of the interdisciplinary design professions and their impact on culture and human behavior. The course will focus on why design matters to both the professional in the field and the consumer. Activities include review of case studies of a range of design solutions and discussions about interdisciplinary design methods and terms. Lecture three hours.

VOTE 4 – To approve the proposal from the Department of Applied Design/Interior Design - PASSED

The proposals from the **Department of Art/Art** were approved as follows: (EFFECTIVE: Fall 2016)

U_FAA_ART_2015_18 Change the course number, credit hours, and course description of **ART 4900. Internship: Field Experience (6-12).SS.** to read as follows:
ART 4901. Internship: Field Experience (1-12).SS.

GEN ED: Capstone Experience

An on-the-job experience with artists, museums, galleries, and other businesses related to the promotion of professions in the arts and cultural sector. Graded on an S/U basis.

*See Provost note at the end of the minutes concerning retaining course number (ART 4900 will not change to ART 4901.)

POS affected: 513A, 549D

U_FAA_ART_2015_22 Revise the program of study for the Bachelor of Fine Arts in Studio Art (513A/50.0702) and the Bachelor of Arts in Art and Visual Culture with a concentration in Studio Art (549C/50.0701). The revised programs of study are at the end of the minutes.

U_FAA_ART_2015_23 Change the prerequisite statement of **ART 4325. Special Topics in Advanced Printmaking (3).F;S.** to read as follows:
Prerequisites: ART 2025, ART 2125 and ART 3425.

U_FAA_ART_2015_24 Change the course description of **ART 4326. Advanced Photographic Design (3).S.** to read as follows:
ART 4326. Advanced Photographic Design (3).S.
An advanced course in fine art photography. This course is designed to allow students to work at an advanced level in photography, to enhance the aesthetic, intellectual and visual evolution of personal work and to hone critical skills and awareness of historical and theoretical issues in the field. A camera is required per the instructor's directions. Barring duplication of content, a student may repeat the course for a total credit of nine semester hours.
Prerequisite: ART 3226 or permission of the instructor. Studio six hours.

VOTE 5 – To approve the proposals from the Department of Art/Art - PASSED

Proposals from the **Department of Art/Commercial Photography** were approved as follows:
(EFFECTIVE: Fall 2016)

U_FAA_ART_CP_2015_25 Course Deletions:
PHO 3001. Shot of the Day (1).F.
PHO 3002. Junior Photographic Portfolio (1).S.
PHO 3552. Photographic Studio Management (1).F;S.
PHO 3553. Equipment Asset Management (1).F;s.
PHO 3554. Digital Lab Management (1).F;S.

POS affected: 583A

U_FAA_ART_CP_2015_26 Revise the program of study for the Bachelor of Science in Commercial Photography (583A/50.0406). The revised program of study is at the end of the minutes.

VOTE 6 – To approve the proposals for the **Department of Art/Commercial Photography** - PASSED

The proposals from the Department of Communication were approved as follows: (EFFECTIVE: Fall 2016)

U_FAA_COM_2015_01 Change the title and course description of **COM 1200. Foundations of Human Communication (3).F;S.** to read as follows:
COM 1200. Thinking Through Communication (3). F;S.
An introduction to reading, writing, and thinking critically about communication through a collaborative examination of primary sources concerning communication theory and history.

POS affected: 272K, 507A, 517A, 521A, 525A, 532, 585A

U_FAA_COM_2015_02 Change the prerequisite statement of **COM 4510. Senior Honors Thesis (3).On Demand.** to read as follows:
Prerequisites: completion of six semester hours of departmental honors work.

VOTE 7 – To approve the proposals from the department of Communication - PASSED

Proposals from the **Department of Military Science and Leadership** were approved as follows: (EFFECTIVE: Fall 2016)

U_FAA_MSL_2015_01

Change the title and course descriptions of MSL 1001, MSL 1002, MSL 2002, and MSL 2003 to read as follows:

MSL 1001. Introduction to the Army and Critical Thinking (1).F.

The Introduction to the Army and Critical Thinking course introduces students to issues and competencies that are central to a commissioned officer's responsibilities. These initial lessons establish a framework for understanding officership, leadership, and Army values. Additionally, the course addresses "life skills" including fitness and time management. MSL 1001 is designed to give the student an accurate insight into the Army profession and the officer's role within the Army. The course teaches leadership topics beneficial to any future leader as well as introducing students to a military lifestyle. The course is open to all students and has no military obligation. The MSL 1001 Leadership Lab consists of skill training and confidence building in subjects such as rappelling, paintball, one rope bridge, military weapons firing, night compass course, orienteering, and other selected subjects.

POS affected: 555

MSL 1002. Adaptive Leadership and Professional Competence (1).S.

The Adaptive Leadership and Professional Competence course builds on the experience of the first term and further broadens the introduction to the Army as well as to the leadership skills and the "life skills" needed by an Army officer. The course covers a variety of leadership and communication topics including: goal setting, problem solving methodology, briefings, effective writing, and listening and speaking skills. MSL 1002 teaches leadership topics beneficial to any future leader as well as introducing students to a military lifestyle. This course is open to all students and has no military obligation. The MSL 1002 Leadership Lab consists of skill training and confidence building in subjects such as rappelling, paintball, one rope bridge, military weapons firing, night compass course, orienteering, and other selected subjects.

POS affected: 555

MSL 2002. Army Doctrine and Team Development (2).S.

The Army Doctrine and Team Development course examines how to build successful teams, various methods for influencing action, the importance of timing the decision, and creativity in the problem solving process. Students are assisted through the officer pre---qualification process to insure their preparation to begin the demanding two---year Advanced Course curriculum that begins with MSL 3001. MSL 2002 is designed for students demonstrating the potential and desire for possible service as a US Army officer. The course is open to all students and has no military obligation. The MSL 2002 Leadership Lab includes all the lab topics of MSL 1002 with additional focus on small unit leadership opportunities for emerging leaders. This course may be taken in conjunction with MSL 1002.

POS affected: 555

MSL 2003. Cadet Initial Entry-Lateral Entry (CIET-LE) (5).SS.

At the month long Cadet Initial Entry-Lateral Entry Course (CIET-LE) students will be given the opportunity to learn, develop, and practice leadership within a challenging, stressful and competitive framework. The CIET-LE environment (similar to the Outward Bound program) provides students an opportunity to demonstrate overall officer potential and characteristics such as loyalty, duty, respect, selfless-service, honor, integrity, personal courage and leadership. Successful completion of CIET-LE requires a cadet to meet or exceed the standard in a variety of objective evaluations. Normally taken the summer following the sophomore year as substitute for the first two years of ROTC (ROTC Basic Course). This course fulfills the requirements for entry into the ROTC Advanced Course. Training is conducted at Ft. Knox, Kentucky, about an hour south of Louisville, Kentucky. Transportation and expenses are paid for by the government. To receive five hours credit, a student must register and pay a fee to the University. Prerequisite: completion of sophomore year of college, cumulative GPA of 2.0, and selection by the department.

POS affected: 555

Change the title of MSL 2001, MSL 3001, MSL 3002, MSL 3003, MSL 4001, and MSL 4002:

MSL 2001. Leadership and Decision Making (2).F.

MSL 3001. Training Management and the Warfighting Function (3).F.

MSL 3002. Applied Leadership in Small Unit Operations (3).S.

MSL 3003. Cadet Leadership Course (4).SS.

MSL 4001. The Army Officer (3).F.

MSL 4002. Company Grade Leadership (3).S.

POS affected: 555

U_FAA_MSL_2015_02

Course Deletion

MSL 1102. Army Physical Fitness II (1).S.

VOTE 8 – To approve the proposals from the Department of Military Science and Leadership - PASSED

Proposals from the **Department of Sustainable Development** were approved as follows:
(EFFECTIVE: Fall 2016)

U_FAA_SD_2015_01

Add **SD 3610. Advanced Science for Sustainability (3).F.**

A subsidiary motion was made to table proposal U_FAA_SD_2015_01 from the Department of Sustainable Development till the February 3, 2016 Meeting.

VOTE 9 – To approve to table U_FAS_SD_2015_01 - PASSED

U_FAA_SD_2015_02

Revise the program of study for the Bachelor of Science in Sustainable Development with a concentration in Environmental Studies (604D/03.0103).

Dr. Treadaway withdrew proposal U_FAA_SD_2015_02 from the Department of Sustainable Development till the February 3, 2016 Meeting.

Proposals from the **Department of Sustainable Technology and the Built Environment** were approved as follows: (EFFECTIVE: Fall 2016)

U_FAA_STBE_2015_05 Change the prerequisite statement of **TEC 3038. Commercial Construction Technology (3).F;S.** to read as follows:
Prerequisites: MAT 1020, TEC 1708, and TEC 2758.

POS affected: 577B, 577C, 577D

U_FAA_STBE_2015_06 Change the prerequisite statement of **TEC 2758. Surveying, Soils and Foundations (3).F;S. and add a lecture/lab statement** to read as follows:
TEC 2758. Surveying, Soils and Foundations (3).F;S.

This course covers construction from initial site investigation through foundations. Key topics include: soils, soil testing, structural foundation design, surveying, site layout, site plans, and foundation construction. Lecture two hours, laboratory two hours. Prerequisite: MAT 1020.

POS affected: 577B, 577C, 577D

U_FAA_STBE_2015_07 Add a lecture/lab statement to **TEC 3039. Materials Science (3).F;S.** to read as follows:
TEC 3039. Materials Science (3).F;S.

An in-depth study of the structure, characteristics, analysis, and application of modern engineering materials, with an emphasis on the processing/structure/properties/performance interrelationship. Topics include atomic structure and bonding, crystal structure and imperfections, solidification, mechanical properties, strengthening mechanisms, failure analysis, phase diagrams, heat treatment, corrosion and degradation, and materials characterization techniques. Lecture two hours, laboratory two hours.

U_FAA_STBE_2015_08 Change the lecture/lab statement of **TEC 4738. Architectural Design Studio III (4).F.** to read as follows:
TEC 4738. Architectural Design Studio III (4).F.

This course builds on previous courses in construction technology and architectural design to demonstrate to the student how to integrate the myriad aspects of architecture - from art to environment to materials to spaces to construction - into successful building designs. The course stresses application of design fundamentals to building design, but emphasizes the key elements of buildability, efficiency, durability and indoor air quality. Lecture two hours, studio four hours. Prerequisites: TEC 3748 and TEC 3758.

U_FAA_STBE_2015_09 Change the lecture/lab and prerequisite/corequisite statement of **TEC 4748. Architectural Design Studio IV (4).S.** to read as follows:
TEC 4748. Architectural Design Studio IV (4).S.

This course serves as the capstone course for the major in Building Sciences with a concentration in Architectural Technology and Design. The course proceeds through the entire architectural design process during the semester, culminating in the design of a structurally sound,

efficient, durable, high performance building that meets all relevant building codes. Lecture two hours, studio four hours. Prerequisites: TEC 3038, TEC 3718, TEC 3738, and TEC 4738.

POS affected: 577B

U_FAA_STBE_2015_10

Change the title and course description of **TEC 3638. Foundations of Appropriate Technology (3).F;S.** to read as follows:
TEC 3638. Foundations of Sustainable Technology (3).F;S.
GEN ED: Junior Writing in the Discipline (WID)
This course will explore through writing current topics in the sustainable technology field. Assignments will involve writing with feedback. Topics for writing assignments may include technical reports, white papers, system documentation, opinion pieces, summaries, literature reviews, experimental methods, and data analyses. The APA format will be stressed. Lecture three hours. Prerequisites: TEC 2029 and TEC 2601, or permission of the instructor, and RC 2001 or its equivalent.

POS affected: 571A, 577D

SAC affected: Sustainable Design and Technology

U_FAA_STBE_2015_11

Change the title and course description of **TEC 4638. Contemporary Problems in Appropriate Technology (3).F;S.** to read as follows:
TEC 4638. Contemporary Problems in Sustainable Technology (3).F;S.
GEN ED: Capstone Experience
This course is designed to provide students with an overview of contemporary problems facing the Sustainable Technology movement such as affordable and efficient alternative energy systems, small scale production systems, waste management and recycling, bioregional development, community and shelter design and technology transfer methodology. Each student will have the opportunity to explore in-depth a problem of their choosing and will be given guidance in the identification, definition and analysis of their chosen problem. Both library research and prototype or model construction will be required. Lecture two hours, laboratory two hours. Prerequisite: TEC 4608 or permission of the instructor.

POS affected: 544, 571A

U_FAA_STBE_2015_12

Revise the program of study for the Bachelor of Science in Sustainable Technology (571A/15.0505). The revised program of study is at the end of the minutes.

U_FAA_STBE_2015_13

Revise the program of study for the Bachelor of Science in Building Sciences (577*/52.2001) with concentrations in Architectural Technology and Design (577B), Construction Management (577C), and Sustainable Building Systems (577D). The revised program of study is at the end of the minutes.

U_FAA_STBE_2015_14

Change the prerequisite statement of the following courses to read as follows:
TEC 3718. Construction Estimating (3).F;S.
Prerequisites: MAT 1020 or higher, TEC 1708, TEC 3038, and basic knowledge of computer word processing, Internet procedures, and

spreadsheets. (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

POS affected: 577B, 577C, 577D

TEC 3738. Statics and Strength of Structures (3).F;S.

Prerequisites: MAT 1020, PHY 1103, TEC 1708, TEC 1728, TEC 2758, and TEC 3039.

POS affected: 577B, 577C, 577D

SAC affected: Materials Science; Science, Technology, Engineering, and Mathematics (STEM)

TEC 4718. Construction Management (3).On Demand.

Prerequisites: MAT 1020 or higher, TEC 1708, TEC 2718, TEC 3038, TEC 3718, and basic knowledge of computer word processing, Internet procedures, and spreadsheets. (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.) [Dual-listed with TEC 5718.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

TEC 4758. Planning and Scheduling (3).F;S.

Prerequisites: MAT 1020 or higher, TEC 1708, TEC 2718, TEC 3038, and TEC 3718. [Dual-listed with TEC 5758.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

POS affected: 577B, 577C, 577D

TEC 4768. Construction Administration (3).F;S.

Prerequisites: MAT 1020 or higher, TEC 1708, TEC 2718, TEC 3038, and TEC 3718.

POS affected: 577B, 577C

U_FAA_STBE_2015_15

Delete the undergraduate minor in Appropriate Technology (544/15.0612).

Add an undergraduate minor in Sustainable Technology (593/15.0612). The new program of study is at the end of the minutes. (Correction: CIP 15.0507)

VOTE 10 – To approve the proposals from the Department of Sustainable Technology and the Build Environment - PASSED

Proposals from the **Department of Theatre and Dance** were approved as follows: (EFFECTIVE: Fall 2016)

U_FAA_TD_2015_10

Add a prerequisite statement to **THR 4840. Capstone (3).F.** to read as follows:

Prerequisites: THR 3735 or permission of the instructor.

POS affected: 591B, 591C, 591D, 591E

U_FAA_TD_2015_11

Add an Honors Program in Theatre Arts. The catalog copy reads as follows and should be placed after Honors Program in Dance Studies:

Honors Program in Theatre Arts

The Department of Theatre and Dance provides the opportunity for highly qualified students to graduate with honors in Theatre Arts. Applicants for the departmental honors program must have completed 30 semester hours including 6 semester hours in Theatre Arts with an overall GPA of 3.45 or higher. Admission to the Theatre Arts honors program is by application to, and recommendation of, the departmental theatre honors committee. Space in the program is limited, and not all students meeting the application criteria may be accepted into the program. In order to graduate with honors in Theatre Arts, a student must maintain an overall GPA and a GPA in Theatre Arts courses of 3.5 or higher. The student must satisfactorily complete an honors contract (made between the student and the professor teaching the course) in two THR courses at the 3000 or 4000 level and complete THR 4510, an honors thesis/project. The honors thesis/project must include the primary theatre professor as an advisor and another professor as a secondary advisor. Additionally, a student must make a grade of no less than B in any of their selected 9 hours of departmental honors designated courses to graduate with honors in Theatre Arts.

U_FAA_TD_2015_12

Course Addition:

THR 4510. Senior Honors Thesis/Project (3).On Demand.

Independent study and research leading to a theatre arts thesis or project. Directed and graded by a theatre faculty member in the Department of Theatre and Dance. (By invitation or application only.)

U_FAA_TD_2015_13

Course Addition:

THR 2025. Musical Theatre: A History and Appreciation (3).F;S.

This course offers students an opportunity to analyze, study and reflect upon the developmental history of the indigenous American art form of musical theatre through examination of its earliest origins and influences through its emergence as our country's preeminent contribution to world theatre.

U_FAA_TD_2015_14

Change the “Admissions and Requirements for the BA degrees in the Department of Theatre and Dance” section (#5 only) in the Undergraduate Bulletin. The catalog copy reads as follows:

Admission and Requirements for the BA degrees in the Department of Theatre and Dance

5. The Bachelor of Arts degree in Theatre Arts with a concentration in Theatre Design/Technology is open to students through an interview with the design/technology faculty. Once admitted to Appalachian or during the first year of residence, the student should fill out an application form and submit it along with a current production resume. The student will be asked to present a design and/or technical portfolio. In order to continue in the program, the student must maintain a minimum overall GPA of 2.7 in the (*) designated major courses as noted on the program of study for this concentration. The student must successfully complete a portfolio review and interview each year to determine the student's ability to continue in the Theatre Design/Technology concentration. Failure to do so could result in the student being dropped from the concentration. Requirements for the portfolio review can be found on the department website at <http://theatreanddance.appstate.edu/portfolio-review-criteria>.

VOTE 11 – To approve the proposals from the Department of Theatre and Dance - PASSED

Dr. Susan Roggenkamp presented proposals from the Beaver College of Health Sciences for the Department of Communication Sciences and Disorders, Department of Health and Exercise Science, Department of Nutrition and Health Care Management, and Department of Recreation Management and Physical Education.

Proposals from the **Department of Communication Sciences and Disorders** were approved as follows: (EFFECTIVE: Fall 2016)

- GU_HS_CSD_2015_04 Remove the dual-listing of **CSD 4850/CSD 5850. Adult Language Disorders (3).F;S.**, change the prerequisite statement of **CSD 4850**, and change the title and course description of **CSD 5850** to read as follows:
CSD 4850. Adult Language Disorders (3).F;S.
GEN ED: Capstone Experience
Description, assessment, differential diagnosis and management of acquired neurogenic language disorders, including aphasia, right hemisphere disorder, traumatic brain injury, and dementia. Emphasis is given to neurological bases, characteristics, etiologies, and clinical management within the framework of the International Classification of Function. Prerequisite: admission to the Communication Sciences and Disorders program and senior standing; juniors may enroll with permission of the department.
- U_HS_CSD_2015_01 Course Addition
CSD 4100. Introduction to Clinical Processes and Procedures (3).F;S.
This course provides students with an understanding of professional policies and processes that are relevant to the field of Speech Language Pathology and Audiology. Prerequisite: admission to the CSD major and junior or senior standing.
- U_HS_CSD_2015_02 Revise the program of study for the Bachelor of Science in Communication Sciences and Disorders (820A/51.0201). The revised program of study is at the end of the minutes.
- U_HS_CSD_2015_03 Revise the catalog copy for **Criteria for Admission to the Communication Sciences and Disorders Program** to read as follows:
Criteria for Admission to the Communication Sciences and Disorders Program
Minimum Admission Requirements include:
 - 45 semester hours completed (12 of these at ASU or with program director permission) with a minimum cumulative GPA of 3.2; and
 - completion of the following prerequisite courses with a minimum grade of B or 3.0 (transfer equivalency will be accepted, including AP or University Placement): CSD 2259, CSD 2260 and three semester hours of the general education science inquiry perspective requirement.
- U_HS_CSD_2015_05 Remove ASHA statement and change the prerequisite statement of **CSD 3350. Evaluating Research in Communication Sciences and Disorders (3).F;S.** to read as follows:
Prerequisites: RC 2001 or its equivalent, STT 1810 or STT 2810 or STT 2820, and admission to the Communication Sciences and Disorders program.

- U_HS_CSD_2015_06 Change the course description of **CSD 3201. Language Disorders Across the Lifespan (3).F;S.** to read as follows:
CSD 3201. Language Disorders Across the Lifespan (3).F;S.
An overview of disorders of receptive and expressive language, and cognitive and social aspects of communication, including the etiologies, characteristics, anatomical/physiological, acoustic, psychological, developmental, and linguistic and cultural correlates. Prerequisite: admission to the Communication Sciences and Disorders program.
- U_HS_CSD_2015_07 Revise the program of study for the undergraduate minor in Communication Sciences and Disorders (820/51.0201). The revised program of study is at the end of the minutes.

VOTE 12 – To approve the proposals from the Department of Communication Sciences and Disorders - PASSED

Proposals from the **Department of Health and Exercise Science** were approved as follows:
(EFFECTIVE: Fall 2016)

- GU_HS_HES_2015_1 Remove the dual-listing of several Exercise Science courses and change titles, prerequisite statements, and course descriptions to read as follows:
- Remove dual-listing and change course description
ES 4600. Survey of Sports Performance (3).S.
This course is designed to acquaint the student with a variety of non-Olympic, Summer and Winter Olympic sports. An overview of each sport will be presented, including sport rules, physiological and biomechanical requirements, and other performance characteristics, such as the primary emphasis areas for resistance training. Prerequisite: Declared Exercise Science major or minor, ES 3002.
- Remove dual-listing and change course description
ES 4620. Cardiovascular Physiology (3).F.
This course provides an overview of cardiorespiratory physiology to provide insight into cardiovascular function and mechanics. Topics such as cardiac function, blood flow, ventilation, oxygen transport and metabolism will be covered, focusing on cardiovascular control during acute and chronic exercise. Prerequisite: Declared Exercise Science major or minor, ES 3002.
- Remove the dual-listing
ES 4625. Concepts of Clinical Exercise Testing (3).F.
- Remove the dual-listing and change the semester offering and course description
ES 4645. Cardiopulmonary Pathophysiology and Rehabilitation (3).S.
This course details the functions of the cardiovascular and respiratory systems emphasizing pathophysiology and treatment, including exercise-related therapies. Prerequisite: Declared Exercise Science major or minor, ES 3002.
- Remove the dual-listing and change the title and course description

ES 4660. Exercise Prescription for Clinical Populations (3).S.

This course presents a comprehensive overview of the physical, physiological and metabolic responses of the human body to exercise testing and training in healthy individuals and in those with metabolic, cardiovascular and/or pulmonary disease. The student will gain an understanding of the processes involved in prescribing safe and effective therapeutic exercise in healthy individuals as well as patients with cardiovascular (hypertension, atherosclerosis), metabolic (diabetes, thyroid, obesity, osteoporosis), pulmonary (asthma, emphysema), and musculoskeletal diseases/disorders. Prerequisite: Declared Exercise Science major or minor, ES 3002.

POS affected: 567B, 567D, 567E

U_HS_HES_2015_3

Course Addition

ES 3350. Introduction to Motor Behavior (3).On Demand.

This course will provide an introduction to motor behavior which includes its subdisciplines motor control, motor development, and motor learning. It will provide a theoretical background for understanding how we move as children, adolescents and adults. Discussions will entail the complex nature of processing, developing, and refining movements. Additionally, we will consider how to teach movement skills and analyze various factors that can influence how one acquires these skills. Finally, this course will analyze constraints that can alter movement patterns and skills and formulate ideas as to how they play a role in physical activity and health. Prerequisite: Declared Exercise Science major or minor.

U_HS_HES_2015_4

Course Addition

ES 4200. Exercise for Special Populations (3).On Demand.

This course provides information on exercise for special populations, which are groups of individuals who exhibit medical conditions (such as obesity, cardiovascular or respiratory disease) or are in life stages (such as children, pregnant women, and the elderly) where health and functional ability is altered or impaired. This course will examine anatomical and physiological changes, precautions during exercise, benefits of exercise, recommendations for exercise, and nutritional considerations for special populations that a clinician, practitioner, or personal trainer would commonly encounter. Course material may be delivered through lectures, discussions, demonstrations, and/or videotape presentations. Prerequisites: Declared Exercise Science major or minor, ES 2005 and ES 3002.

U_HS_HES_2015_5

Course Addition

ES 4300. Environmental Physiology (3).On Demand.

This course explores how the human body responds to extreme environmental challenges, including heat and cold stress, hyperbaric and hypobaric conditions, microgravity, and air pollution. A specific emphasis will be placed on physiological responses and adaptations of the cardiovascular and respiratory systems during acute and chronic exposure to these conditions. Course material may be delivered through a combination of approaches, including lectures, discussion, demonstrations, and/or videotape presentations. Prerequisites: Declared Exercise Science major or minor, and ES 3005

U_HS_HES_2015_6

Change the course number, credit hours and prerequisite statement of **ES 3900. Internship (3-12).F;S.** to read as follows:

ES 3910. Internship (1-12).F;S.

A guided, practical experience at a qualified program site. All prospective interns should be declared exercise science majors and must plan their placement under the supervision of an exercise science internship coordinator. Internship credit is determined by the ratio of 40 contact hours for one hour of credit for a maximum of 12 s.h. Prerequisites: Declared Exercise Science major or minor, junior or senior standing. Graded on an S/U basis.

*See Provost note at the end of the minutes concerning retaining course number (ES 3900 will not change to ES 3910.)

POS affected: 567B, 567D, 567E

U_HS_HES_2015_7

Change the course description and prerequisite statement of **ES 4050. Practicum: Pre-professional (3).F;S.** to read as follows:

ES 4050. Practicum: Pre-professional (3).F;S.

This course provides an educational experience in which the student acquires observation hours in an occupation directly related to her/his career interest in exercise science. Potential areas to obtain hours include physical therapy, occupational therapy, chiropractic clinics, medical centers, or fitness facilities. The practicum provides an opportunity to apply knowledge from the classroom into a more practical atmosphere.

Prerequisite: Declared Exercise Science major, senior standing, ES 3005. Prerequisite or corequisite: ES 3550. Graded on an S/U basis.

POS affected: 567B, 567D, 567E

U_HS_HES_2015_8

Change the course description, semester offering, and prerequisite statement of **ES 4060. Practicum: Strength and Conditioning (3).F.** to read as follows:

ES 4060. Practicum: Strength and Conditioning (3).F,S.

Practical application of scientific principles and concepts related to collegiate, professional, or high school strength and conditioning, personal training, or adult wellness. Prerequisites: Declared Exercise Science major, senior standing, ES 3002. Prerequisite or corequisite: ES 3550. Graded on an S/U basis.

POS affected: 567B, 567D, 567E

U_HS_HES_2015_11

Add a standalone program to the Bachelor of Science in Exercise Science (567A/31.0505) to give the option of not having to choose a concentration. The new program of study is at the end of the minutes.

Exercise Science (ES)

The Exercise Science degree prepares students for advanced study in the fields of exercise physiology, biomechanics, physical therapy, medicine, and biomedical research. The degree also prepares students to be qualified professionals for employment in athletics programs, exercise/fitness centers, hospital wellness programs, corporate fitness programs, rehabilitation centers, and other allied health areas. Students may also choose from three optional concentrations to further specialize in specific areas of exercise science.

The Bachelor of Science degree in Exercise Science (567A/31.0505)

The program of study is available at:

www.programsofstudy.appstate.edu/exercise-science-bs-567a-2016-2017

Clinical Exercise Physiology concentration (567E)

The program of study is available at:

www.programsofstudy.appstate.edu/exercise-science-bs-clinical-exercise-physiology-567e-2016-2017

Pre-Professional concentration (567B)

The program of study is available at:

www.programsofstudy.appstate.edu/exercise-science-bs-pre-professional-567b-2016-2017

Strength and Conditioning concentration (567D)

The program of study is available at:

www.programsofstudy.appstate.edu/exercise-science-bs-strength-and-conditioning-567d-2016-2017

A cumulative GPA of 2.5 based on at least 12 earned semester hours at Appalachian is required prior to declaring the Exercise Science major. Transfer students may be allowed to declare the Exercise Science major prior to earning 12 semester hours at Appalachian if they have earned a 3.0 cumulative GPA on coursework completed prior to entering Appalachian. The pre-professional concentration requires a minimum 3.3 GPA, as well as a minimum grade of B in the ES 2031/2032 sequence, and a minimum grade of B- in BIO 1801, CHE 1101/1110, and CHE 1102/1120. Students must maintain the minimum 3.3 GPA to remain in the pre-professional concentration. Students must be a declared Exercise Science major or minor in order to enroll in Exercise Science courses at the 3000-level or above.

The Department of Health and Exercise Science offers an honors program in Exercise Science to undergraduate students with distinguished academic records. Students must complete 9 hours of honors credit consisting of 3 hours of senior honors thesis (ES 4510) under the guidance of their thesis supervisor. The remaining 6 hours of credit can be attained by negotiating an honors contract in certain exercise science courses at the 3000 level and above. Credit earned in courses taken for honors credit can be applied towards the undergraduate degree in Exercise Science. For admission into the honors program, students must have a minimum GPA of 3.45 in all coursework and complete a departmental application to the honors program. To graduate with an "Honors in Exercise Science" the student must complete the above honors sequence with a minimum grade of "B" in courses taken for honors credit and a cumulative GPA of 3.45 in all coursework at the time of graduation.

U_HS_HES_2015_12

Revise the program of study for the Bachelor of Science in Exercise Science with a concentration in Pre-Professional (567B/31.0505). The revised program of study is at the end of the minutes.

- U_HS_HES_2015_13 Revise the program of study for the Bachelor of Science in Exercise Science with a concentration Clinical Exercise Physiology (567E/31.0505). The revised program of study is at the end of the minutes.
- U_HS_HES_2015_14 Revise the program of study for the Bachelor of Science in Exercise Science with a concentration in Strength and Conditioning (567D/31.0505). The revised program of study is at the end of the minutes.
- U_HS_HES_2015_15 Add an honors program in Exercise Science to the Department of Health and Exercise Science. The catalog copy is as follows:
The Department of Health and Exercise Science offers an honors program in Exercise Science to undergraduate students with distinguished academic records. Students must complete 9 hours of honors credit consisting of 3 hours of senior honors thesis (ES 4510) under the guidance of their thesis supervisor. The remaining 6 hours of credit can be attained by negotiating an honors contract in certain exercise science courses at the 3000 level and above. Credit earned in courses taken for honors credit can be applied towards the undergraduate degree in Exercise Science. For admission into the honors program, students must have a minimum GPA of 3.45 in all coursework and complete a departmental application to the honors program. To graduate with an “Honors in Exercise Science” the student must complete the above honors sequence with a minimum grade of “B” in courses taken for honors credit and a cumulative GPA of 3.45 in all coursework at the time of graduation.
- U_HS_HES_2015_16 Change the lecture/lab statement and prerequisite statement of **ES 2031. Human Anatomy and Physiology I (4).F;S. to read as follows:**
ES 2031. Human Anatomy and Physiology I (4).F;S.
This course is the first of a two-semester sequence which provides a comprehensive study of the anatomy and physiology of the human body. Topics include the structure, function, and interrelationship of organ systems with an emphasis on the processes which maintain homeostasis. Upon completion, students should be able to demonstrate an in-depth understanding of the principles of anatomy and physiology and their interrelationships. Lecture three hours, laboratory two hours. Prerequisites: CHE 1101 and CHE 1110; or BIO 1201; or BIO 1801. Corequisites or prerequisites: BIO 1202; or BIO 1802; or CHE 1102 and CHE 1120.

POS affected: 565A, 567B, 567D, 567E

Change the lecture/lab statement of ES 2032 to read as follows:
ES 2032. Human Anatomy and Physiology II (4).F;S.
This course is the second of a two-semester sequence of the study of the structure and function of the human body and the mechanisms for maintaining homeostasis within it. The endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems, as well as the concepts of development, metabolism, fluid and electrolyte balance, and acid-base balance are included. Upon completion, students should be able to demonstrate an in-depth understanding of the principles of anatomy and physiology and their interrelationships. Lecture three hours, laboratory two hours. Prerequisite: ES 2031.
- U_HS_HES_2015_17 Change the prerequisite statement of **ES 3002. Exercise Physiology (3).F;S.**

to read as follows:

Prerequisite: Declared Athletic Training major or Exercise Science major or minor; RC 2001 or its equivalent; ES 2030 or ES 2031/ES 2032.

POS affected: 565A, 567B, 567D, 567E

U_HS_HES_2015_18

Change the prerequisite statement of **ES 3590. Interprofessional Approaches to Health and Physical Activity (3).On Demand.** to read as follows:

Prerequisite: Declared Exercise Science major or minor, or permission of instructor; junior or senior standing.

POS affected: 567B, 567D, 567E

U_HS_HES_2015_19

Change the prerequisite statement of **ES 3600. Team-Based Patient Care (1).SS.** to read as follows:

Prerequisite: Permission of the instructor and junior or senior standing.

POS affected: 567B, 567D, 567E

U_HS_HES_2015_20

Change the title and course description of **ES 4100. Advanced Topics in Exercise Physiology (3).F;S.** to read as follows:

ES 4100. Advanced Topics in Exercise Science (3).F;S.

This course includes a comprehensive review of various topics relating to aspects of exercise and training. Possible topics include bioenergetics, neuromuscular, endocrine, cardiorespiratory, environmental, and biomechanical. Lecture three hours. Prerequisite: Declared Exercise Science major or minor, ES 3002.

POS affected: 567B, 567D, 567E

U_HS_HES_2015_21

Course Addition

HP 2000. Introduction to Public Health (3).F;S.

This course is designed to provide an overview of public health with an emphasis on the population perspective and the impacts of healthcare systems. This course will provide students with the tools to think critically about the various areas of public health including environmental and social/behavioral influences on the health of the public in the U.S. The fields of public health and medicine will also be compared and contrasted.

U_HS_HES_2015_22

Course Addition

HP 4600. Public Health Policy (3).F;S.

This course provides an overview of the public health policy process in the US including the roles, influences and responsibilities of governmental agencies at all three levels of government; examination of historical and current public health policy issues, survey of methods for analyzing public health policy, and strategies for advocacy.

U_HS_HES_2015_23

Change the course number and title of **HP 2100. Health Program Planning and Evaluation I (3).F.** to read as follows:

HP 3800. Health Program Planning and Evaluation (3).F.

GEN ED: Junior Writing in the Discipline (WID)

Provides an in-depth overview of health program planning and evaluation

for all health promotion settings - community, schools, clinical, and worksite. Specifically, students will study how to assess individual and community needs for health promotion, plan and implement effective health promotion programs, evaluate the effectiveness of health promotion programs, and coordinate the provision of health promotion services. Prerequisite: RC 2001 or its equivalent.

POS affected: 567B, 567D, 567E

SAC affected: Public Health

Courses affected: HP 4800

U_HS_HES_2015_24 Revise the program of study for the Bachelor of Science in Health Promotion (509A/51.2207). The revised program of study is at the end of the minutes.

U_HS_HES_2015_25 Revise the program of study for the undergraduate minor in Health Promotion (509/51.2207). The revised program of study is at the end of the minutes.

VOTE 13 - To approve the proposals from the Department of Health and Exercise Science – PASSED

Proposals from the **Department of Nutrition and Health Care Management** were approved as follows: (EFFECTIVE: Fall 2016)

U_HS_NHM_2015_01 Course Addition
NUT 3400. Cultural Foods (3).S.
This course will provide students with a perspective on the world of food and culture as they explore the influence of ethnicity, religion and society on human food habits. Independent and group learning experiences will enable students to examine food-related behaviors, eating habits, nutrition and health status of people from diverse cultural backgrounds. Prerequisite: NUT 2202.

U_HS_NHM_2015_02 Revise the program of study for the undergraduate minor in Nutrition and Foods (840/51.3101). The revised program of study is at the end of the minutes.

VOTE 14 - To approve proposals _01 and _02 from the Department of Nutrition and Health Care Management – PASSED

Proposals from the **Department of Recreation Management and Physical Education** were approved as follows: (EFFECTIVE: Fall 2016)

GU_HS_RPE_2015_10 Remove the dual-listing of **HED 4650/HED 5650. Drug Education and Prevention (3).F;S.**

GU_HS_RPE_2015_11 Remove the dual-listing of **HED 4730/HED 5730. Teaching Stress Management and Emotional Health (3).F**

GU_HS_RPE_2015_12 Remove the dual-listing of **HED 4710/HED 5710. Teaching Sex Education Within a Family Context.**

Remove the cross-listing of **HED 4710/HPC 4710.**

Remove the dual-listing of **HPC 4710/HPC 5700**.

Change the semester offering of HED 5710.
Remove the cross-listing of HED 5710/HPC 5700.

U_HS_RPE_2015_13

Course Addition

HPE 3020. Sport First Aid (3).F;S.

This course will focus on understanding the role of a competent first responder in an athletic context. Protocols for the following topics will be covered: emergency action steps and providing life support; first aid for bleeding, tissue damage, and unstable injuries; moving an injured athlete; and returning athletes to play, risk reduction and injury and illness prevention.

U_HS_RPE_2015_14

Course Deletion

PE 1768. Group Fitness Instructor Training (3).F;S.

POS affected: Gen Ed

U_HS_RPE_2015_15

Course Addition

PE 1731. Rock Climbing (1).F;S.

U_HS_RPE_2015_16

Course Addition

PE 1732. Bouldering (1).F;S.

U_HS_RPE_2015_17

Course Addition

PE 1782. Arnis Stick Fighting (1).F;S.

U_HS_RPE_2015_18

Revise the program of study for the minor in Recreation Management (575/31.0301). The revised program of study is at the end of the minutes.

VOTE 15 – To approve the proposals from the Department of Recreation Management and Physical Education - PASSED

Dr. Heather Waldroup presented the proposals from the Honors College.

The proposals from the **Honors College** were approved as follows: (EFFECTIVE: Fall 2016)

U_HON_2015_02

Revise the requirement for department or college honors programs for the following departments: Art; Biology; College of Business; Languages, Literatures and Cultures for French and Spanish; Cultural, Gender and Global Studies; Mathematical Sciences; Physics and Astronomy; and Social Work. The catalog copy for each department affected reads as follows:

Honors Program in Art

The Department of Art offers honors courses to students who have a minimum overall GPA of 3.45 in art courses and/or are nominated by a faculty member, and are invited by the Art Honors Committee. Qualified non-majors may enroll in art honors courses. However, to graduate with “honors in art” a student must be an art major who has completed at least nine semester hours of work in departmental honors courses. Three of the semester hours taken must include ART 4510, Senior Honors Thesis. Students must earn a grade of 'B' (3.0 grade points) or higher on all honors coursework taken to fulfill any honors requirements.

Honors Program in Biology

The Department of Biology provides the opportunity for highly qualified students to graduate with departmental honors in Biology. In order to graduate with “Honors in Biology,” the student must have at least a 3.5 overall GPA; a GPA of at least 3.5 in the major (calculation includes cognate courses); and must have completed a minimum of 9 semester hours of honors courses in Biology, including BIO 4518 (Honors Research, 3 s.h.) and BIO 4519 (Biology Honors Thesis, 3 s.h.).

Admission to the Biology Honors Program - Students must apply for admission to the honors program in Biology. Applications will be considered by the department’s Honors Committee and by the faculty director of the Biology Honors Program. A student is eligible to apply for admission into the Biology honors program if she or he:

1. has completed at least 45 semester hours of course work with a minimum of 15 semester hours completed at Appalachian State University;
2. is majoring in one of the degree programs in the Department of Biology;
3. has completed BIO 2400 or BIO 2700 with a grade of “B” or higher;
4. has an overall GPA of at least 3.5 and a GPA of at least 3.5 in the major; and
5. has identified a Biology faculty member who has agreed to direct the student’s Honors Research (BIO 4518) and Biology Honors Thesis (BIO 4519).

Space in the Biology Honors Program is limited, and not all students meeting the application criteria may be accepted into the Biology Honors Program. Students must earn a grade of 'B' (3.0 grade points) or higher on all honors coursework taken to fulfill any honors requirements.

Honors Program in the Walker College of Business

The Walker College of Business (WCOB) offers an honors program for selected students who have distinguished themselves with a minimum cumulative grade-point average of 3.4. To graduate with WCOB Honors, students must attain a minimum 3.4 GPA in all WCOB Honors courses and a minimum 3.4 cumulative GPA. The program consists of a minimum of nine (9) semester hours of business courses at the honors level and an honors thesis during the junior and senior years. Its purpose is to provide honors students with a more intellectually stimulating environment and a broader range of academic experiences in a smaller classroom setting than can be provided in a traditional academic program. Students must earn a grade of 'B' (3.0 grade points) or higher on all honors coursework taken to fulfill any honors requirements.

Honors Program in French and Spanish

The Department of Languages, Literatures, and Cultures maintains an honors program in French and in Spanish to provide qualified students with an opportunity for advanced research in a seminar atmosphere. At the freshman level, the Department participates in the campus wide honors program for eligible new students, offering honors sections of a variety of introductory

courses on a rotating basis. Honors courses and honors course contracts are available in the department for students at the sophomore, junior and senior level. These courses are open to students who have distinguished themselves. Junior and senior level honors courses carry full credit toward the majors in French and Spanish, or for non-majors full elective credit. In order to remain in the departmental program, students must maintain a 3.0 GPA in honors work.

To graduate with honors in French, a student must take 9 semester hours of honors courses in the department, including the senior honors thesis, FRE 4510.

To graduate with honors in Spanish, a student must take 9 semester hours of honors courses in the department, including the senior honors thesis, SNH 4510.

Qualified University honors students who are minoring in a language (Chinese, French, German, Spanish, TESL/Applied Linguistics) or minoring in an Area Studies program (e.g., Asian Studies; East European, Russian and Central Asian Studies) may arrange to have a language faculty member as the second reader of the senior honors thesis, with the approval of the thesis advisor from the major department and approval from The Honors College. Students must earn a grade of 'B' (3.0 grade points) or higher on all honors coursework taken to fulfill any honors requirements.

Honors Program in Interdisciplinary Studies

The Interdisciplinary Studies program maintains an honors track to provide qualified students with an opportunity for advanced research in a seminar atmosphere. Honors courses are available in the program for students at the sophomore, junior, and senior level; these courses are open to students who have distinguished themselves. Junior and senior level honors courses carry full credit toward concentration requirements in the Interdisciplinary Studies major or, for non-majors, full elective credit.

Admission to the Interdisciplinary Studies honors program requires completion of IDS 3000 (Histories of Knowledges) and a minimum GPA of 3.0 ("B" average), both overall and in the major. In order to remain in the Interdisciplinary Studies honors program, students must maintain a 3.45 GPA each semester after admission to the Interdisciplinary Studies honors program. Upon admission to the Interdisciplinary Studies honors program, students will determine their honors courses based on their concentration and in consultation with their advisor.

To graduate with "honors in Interdisciplinary Studies," a student must have maintained a minimum GPA of 3.45 each semester after admission to the Interdisciplinary Studies honors program. Interdisciplinary Studies honors students must take at least ten semester hours of honors credits, including IDS 4510 (Senior Honors Thesis/Project) and its corequisite capstone experience course, IDS 4550 (Senior Seminar).

For additional information, contact the Director of the Interdisciplinary Studies Program. Students must earn a grade of 'B' (3.0 grade points) or higher on all honors coursework taken to fulfill any honors requirements.

Honors Program in Mathematical Sciences

The Mathematical Sciences Honors Program offers honors courses to students who have exhibited outstanding ability and interest in mathematics. Students who successfully complete MAT 3510 with at least a grade of “B” and have earned at least a 3.45 GPA in mathematics courses are eligible for MAT 4510, Honors Thesis. Students who earn at least a “B” in MAT 4510 and complete a total of at least nine semester hours of honors courses in mathematics will graduate with “honors” in mathematics. Honors courses carry full credit toward the major or, for non-majors, full elective credit. Students must earn a grade of 'B' (3.0 grade points) or higher on all honors coursework taken to fulfill any honors requirements.

Honors Program in Physics and Astronomy

The Department of Physics and Astronomy offers an honors program which culminates in a senior honors research and thesis course (PHY 4510 or AST 4510) open to majors in physics and astronomy with an outstanding undergraduate record. In order to graduate with "honors in physics and astronomy," a student must have a minimum GPA of 3.45, overall and in physics and astronomy and must take nine semester hours of honors credits, including PHY 3560 or AST 3560, PHY 4002, and PHY 4510 or AST 4510 (with a grade of “B” or higher). Students may arrange to take specific additional physics and astronomy courses on an honors basis by negotiating an honors contract with the course instructor before class begins. The honors contract, which must be approved by the Department of Physics and Astronomy Honors Committee, allows the student to receive honors credit for a regular course in physics or astronomy by specifying the additional assignments that the student must perform in order to receive honors credit. Additional information may be obtained from the departmental honors director or the departmental chair. Students must earn a grade of 'B' (3.0 grade points) or higher on all honors coursework taken to fulfill any honors requirements.

Honors Program in Social Work

The Department of Social Work offers an honors program at the undergraduate level to students who have distinguished academic records. Credit earned in courses taken for honors may be applied toward the major, the minor, or the electives required for graduation. To graduate with “Honors in Social Work,” a student must meet the following criteria: a minimum overall GPA of 3.5; a minimum GPA of 3.5 in social work courses; and successful completion of the honors sequence. Social Work honors requirements may be found at www.socialwork.appstate.edu/undergraduate/departamental-honors. Students must earn a grade of 'B' (3.0 grade points) or higher on all honors coursework taken to fulfill any honors requirements.

U_HON_2015_03

Revise the minor in Medical Humanities (605/30.9999). The revised program of study is at the end of the minutes.

VOTE 16 – To table the Honors College proposals till later in the meeting - PASSED

Dr. Bill Pelto presented the proposals for the Hayes School of Music.

The proposals from the **Hayes School of Music** were approved as follows: (EFFECTIVE: Fall 2016)

U_MUS_MUS_2015_01 Change the title, course description, and prerequisite statement for **MUS 4060. Clinical Piano Improvisation (1).F.** to read as follows: **MUS 4060. Piano Improvisation for Music Therapy (1).F.**
An experiential exploration of the theory and practice of music improvisation in music therapy. Development of musical ideas, musical relationship, and musical freedom and flexibility with an emphasis on piano in dyadic context. Lecture one hour, laboratory one hour. Prerequisites: MUS 3060, MUS 3072, and 2 s.h. of MUS 3900, all with a minimum grade of “C” (2.0)

U_MUS_MUS_2015_02 Course Addition
MUS 2052. Exploring Music Therapy (3).SS.
An inquiry into the creative application of music to meet a diverse array of individual human needs.

VOTE 17 – To approve the proposals from the Hayes School of Music - PASSED

Dr. Dru Henson presented proposals from the College of Arts and Sciences.

The proposals from the **Department of Chemistry** were approved as follows: (EFFECTIVE: Fall 2016)

U_CAS_CHE_2015_01 Revise the program of study for the Bachelor of Science in Chemistry with a concentration in Secondary Education (214J/40.0501). The revised program of study is at the end of the minutes.

U_CAS_CHE_2015_04 Change the prerequisite statement of **CHE 1101. Introductory Chemistry I (3).F;S. - TABLED**

U_CAS_CHE_2015_05 Change the prerequisite statement of **CHE 1102. Introductory Chemistry II (3).F;S. - TABLED**

U_CAS_CHE_2015_10 Revise the requirements for Department of Chemistry Honors Program to read as follows:
The A. R. Smith Department of Chemistry offers an honors program in chemistry. Admission to the honors program requires completion of CHE 1102/CHE 1120 (Introductory Chemistry II lecture and laboratory) and a minimum grade-point average, both overall and in chemistry, of 3.20. To graduate with “honors in chemistry,” a student must have a minimum grade point average of 3.45, overall and in chemistry, and must take a minimum of nine semester hours of chemistry with honors at the 2000 level or above with each course grade a “B” or better. The required honors thesis in chemistry is a three-credit sequence that consists of one credit of CHE 4000 (Chemistry Seminar with honors) and two credits of CHE 4510 (Chemistry Honors Thesis); the two credits for CHE 4510 must take place in two different semesters with one credit each semester. The chemistry honors thesis must be approved by two readers from the Department of Chemistry in order to graduate with honors in chemistry.

Dr. Beebe made a friendly amendment and Dr. Salinas accepted to table 4 and 5 and vote on 1 and 10.

VOTE 18 – To approve the Department of Chemistry proposals 1 and 10 and table proposals 4

and 5 – PASSED

The proposals from the **Department of Cultural, Gender and Global Studies** were approved as follows: (EFFECTIVE: Fall 2016)

- U_CAS_CGG_2015_01 Course Deletion
IDS 3300. Seminar I (3).On Demand.
- POS affected: 112
- U_CAS_CGG_2015_02 Course Deletion
IDS 3700. Seminar II (3).On Demand.
- POS affected: 112
- U_CAS_CGG_2015_03 Course Deletion
IDS 3261. Sustainability, Religion, Spirituality (3).S.
- U_CAS_CGG_2015_04 Course Deletion
IDS 2200. Race and Resistance: Perspectives on African Americans in the Jim Crow South (3).S.
- POS affected: 250B
- U_CAS_CGG_2015_05 Course Deletion
IDS 2460. Savannah, Georgia (3).F.
- U_CAS_CGG_2015_06 Course Deletion
IDS 4200. Interdisciplinary Thinkers and Thinking (3).On Demand.
- POS affected: 272D
- U_CAS_CGG_2015_07 Course Deletion
IDS 2210. Bodies, Places, Spaces, Times, and Things (3).S.
- U_CAS_CGG_2015_08 Course Addition
IDS 2001. Interdisciplinary Connections I (3).F;S.
Intended for IDS majors, this course introduces students to the theory and practice of interdisciplinarity by means of selected readings and the application of methods. Students will apply concepts central to the course to a variety of integrative and investigative projects, in addition to the design of their own programs of study.
- U_CAS_CGG_2015_09 Course Addition
IDS 3001. Interdisciplinary Connections II (2).F;S.
Through selected readings and guided discussion, this course provides IDS majors the opportunity to write and reflect on their interdisciplinary course work, their programs of study, and on the variety of methods that may be employed in pursuing interdisciplinary scholarship. Prerequisites: RC 2001 or its equivalent; IDS 2001 or permission of instructor. Corequisite: ANT 3410, CJ/PS 3115, COM 3100, ENG 3000, HIS 2800, IDS 3210, GHY/PLN 3800, PLN 3432, SOC 3885 or STT 2820; or permission of instructor.

U_CAS_CGG_2015_10

Course Addition

IDS 3050. Social Media and Community Engagement (3).On Demand.

This course will explore the role of social media to build, sustain, and deepen connections with community members. It will examine the role of a range of new media tools within community support programs, cultural heritage sites, and other not-for-profit organizations to engage clients, donors, and other stakeholders. This course will involve project work with community partners.

U_CAS_CGG_2015_11

Course Addition

IDS 4001. Interdisciplinary Connections III (1).F.S

In this course, students will draw together work covering the range of their interdisciplinary studies to produce a portfolio of representative work. This portfolio will serve not only as a culminating document, but it will also provide students with an opportunity for reflection in writing on the trajectory of their studies and future direction for their work. Students should take this course their final semester before graduating.

Prerequisite: IDS 3001 and at least 11 s.h. of IDS-prefixed coursework.

U_CAS_CGG_2015_12

Delete five concentrations under the Bachelor of Arts in Interdisciplinary Studies (250*/24.0101).

American Studies (250B)

Environmental Policy and Planning (250D)

Internet Studies (250Q)

Labor Studies (250S)

Liberal Studies: Modern Period (250L)

The catalog copy after deleting the five concentrations will read as follows:

The Bachelor of Arts degree in Interdisciplinary Studies (250*/24.0101)

The general features of the Bachelor of Arts degree in Interdisciplinary Studies is a series of required interdisciplinary core courses which give all IDS majors a firm grounding in interdisciplinary perspectives and methods, and link them with the student's individually-designed concentration.

Individually Designed Concentration (250E)

This required concentration allows students to tailor a major to their particular academic and career goals. Students must design a clear, defensible statement of goals explaining why such goals can best be met through interdisciplinary means. Additionally, the student must complete a "Program of Study Contract" consisting of a minimum of 24 semester hours selected from two or more disciplines with at least 12 semester hours at the 3000 level or above, and at least 1 semester hour of approved, experiential learning. The contract must be approved by an IDS advisor, the IDS Director, and the Department Chair; the contract may be changed, but only with approval.

U_CAS_CGG_2015_13

Revise the program of study for the Bachelor of Science in Interdisciplinary Studies with a concentration in Individually Designed (250E/24.0101) and revise the Undergraduate Bulletin. The revised program of study is at the end of the minutes.

The catalog copy will read as follows:

Individually Designed Concentration (250E)

This required concentration allows students to tailor a major to their particular academic and career goals. Students must design a clear, defensible statement of goals explaining why such goals can best be met through interdisciplinary means. Additionally, the student must complete a “Program of Study Contract” consisting of a minimum of 24 semester hours selected from two or more disciplines with at least 12 semester hours at the 3000 level or above, and at least 1 semester hour of approved, experiential learning. The contract must be approved by an IDS advisor, the IDS Director, and the Department Chair; the contract may be changed, but only with approval.

U_CAS_CGG_2015_14 Revise the program of study for the undergraduate minor in Non-Profit Management (609/52.0206) and revise the Undergraduate Bulletin. The revised program of study is at the end of the minutes.

VOTE 19 - To approve the proposals from the Department of Cultural, Gender and Global Studies
- PASSED

The proposals from the **Environmental Science Program** were approved as follows: (EFFECTIVE: Fall 2016)

U_CAS_ENV_2015_04 Revise the program of study for the Bachelor of Science in Environmental Science with a concentration in Environmental Professional (121B/03.0104). The revised program of study is at the end of the minutes.

VOTE 20 – To approve the proposals from the Environmental Science Program - PASSED

The proposals from the **Department of Geography and Planning** were approved as follows: (EFFECTIVE: Fall 2016)

U_CAS_GHY_2015_07 Course Addition
PLN 4510. Senior Honors Thesis (1-4).F;S.
Independent study and research for the honors thesis; directed by a member of the planning faculty, supported by two additional faculty/readers, in all constituting the honors thesis committee. Prerequisite: completion of an approved honors sequence, including PLN 3510 (or an approved 3000 or 4000 honors-level substitute). Enrollment by qualified applicants only. For enrollees, this course may substitute for a Geography & Planning free elective or other course as agreed upon by the Geography & Planning Honors Advisor.

U_CAS_GHY_2015_08 Change the course description of **GHY 4510. Senior Honors Thesis (1-4).F;S.** to read as follows:
GHY 4510. Senior Honors Thesis (1-4).F;S.
Independent study and research for the honors thesis; directed by a member of the geography faculty, supported by two additional faculty/readers, in all constituting the honors thesis committee. Prerequisite: completion of an approved honors sequence, including GHY 3510 (or an approved 3000 or 4000 honors-level substitute). Enrollment by qualified applicants only. For enrollees, this course may substitute for a Geography free elective or other

course as agreed upon by the Geography & Planning Honors Advisor.

U_CAS_GHY_2015_09

Course Addition

PLN 3510. Advanced Honors Seminar in Planning (3).S.

Seminar on selected community and regional planning topics. Enrollment by invitation of the Department or by application. Barring repetitive content, qualified students may repeat course once. For enrollees, this course may substitute for the appropriate Planning elective.

U_CAS_GHY_2015_10

Revise the requirements for the Department of Geography and Planning Honors Program to read as follows:

Honors Program in Geography and Planning

The Department of Geography and Planning offers honors courses on all undergraduate levels, which are open to students who have distinguished themselves. Honors courses carry full credit toward the majors in Geography or Community and Regional Planning, or for non-majors' full elective credit. Subject to the recommendations of the departmental honors committee, a student will be considered for graduation with "honors in geography" or "honors in planning" upon successful completion of at least one semester of honors work in a designated section of a freshman/sophomore level course (GHY 1010, GHY 1020, and PLN 2410); one junior level honors course (GHY 3510 or PLN 3510); and the Senior Honors Thesis (GHY 4510 or PLN 4510). The junior level course may be substituted with a contract honors section of a 3000 or 4000 level course, or with a graduate level course. Students must earn a grade of 'B' or higher on all honors coursework taken to fulfill any honors requirements, while still maintaining a minimum GPA of 3.5.

VOTE 21- To approve the proposals from the Department of Geography and Planning - PASSED

The proposals from **the Department of Government and Justice Studies** were approved as follows: (EFFECTIVE: Fall 2016)

U_CAS_GJS_2015_05

Course Addition

PS 3910. Art, Culture, and Politics (3).On Demand.

How do the arts and popular culture motivate people to engage in politics? Film, literature, music, theatre, visual arts -- many types of artistic expression play a role in politics. This course explores how citizens use the arts and popular culture to resist symbolic domination, recognize cultural differences, mobilize political supporters, and pluralize public discourse. The artists and movements studied span the political spectrum and engage in local-to-global politics. Different instructors may emphasize different art forms.

VOTE 22 – To approve the proposals from the Department of Government and Justice Studies - PASSED

The proposals from the **Department of Geology** were approved as follows: (EFFECTIVE: Fall 2016)

GU_CAS_GLY_2015_08

Change the prerequisite statement of **GLY 4630/GLY 5630.**

Hydrogeology and change the semester offering of **GLY 5630 to read as follows:**

GLY 4630. Hydrogeology (3).F.

The occurrence of groundwater resources, factors governing groundwater movement through aquifers, and an analysis of techniques for measuring a water resource are the focus of this course. Groundwater contamination and remediation methods will be introduced. Lecture two hours, laboratory three hours. Prerequisite or co-requisite: GLY 2250, MAT 1110, and PHY 1103 or PHY 1150. [Dual-listed with GLY 5630.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

POS affected: 121A, 121b, 214G, 259C, 259D, 259E, 604D

U_CAS_GLY_2015_09

Course Additions

GLY 3110. Environmental Regulation and Enforcement (3).F.

The purpose of this course is to equip students with an understanding of environmental regulation in the U.S., from its origin as environmental policy to its application and enforcement. This course will provide students with an overview of 1) the role and responsibilities of regulators, 2) the various aspects of industry regulation (with special emphasis on the surface mining industry), and 3) aspects of environmental and safety regulation applicable to industry consultants. The course will conclude a survey of the different mechanisms of regulatory enforcement. Throughout the course, students will be asked to consider and evaluate the varying and often competing interests of industry, regulatory agencies, and private citizens who are impacted by environmental regulation (or the lack of it). This course will benefit any student who intends to work in environmental consulting, industry, government, or environmental advocacy. (Same as ENV 3110.)

ENV 3110. Environmental Regulation and Enforcement (3).F.

The purpose of this course is to equip students with an understanding of environmental regulation in the U.S., from its origin as environmental policy to its application and enforcement. This course will provide students with an overview of 1) the role and responsibilities of regulators, 2) the various aspects of industry regulation (with special emphasis on the surface mining industry), and 3) aspects of environmental and safety regulation applicable to industry consultants. The course will conclude a survey of the different mechanisms of regulatory enforcement. Throughout the course, students will be asked to consider and evaluate the varying and often competing interests of industry, regulatory agencies, and private citizens who are impacted by environmental regulation (or the lack of it). This course will benefit any student who intends to work in environmental consulting, industry, government, or environmental advocacy. (Same as GLY3110.)

U_CAS_GLY_2015_10

Revise the program of study for the Bachelor of Science in Geology with a concentration in Quantitative Geoscience (259E/40.0601). The revised program of study is at the end of the minutes.

U_CAS_GLY_2015_11

Revise the program of study for the Bachelor of Science in Geology with a concentration in Environmental Geology (259C/40.0601). The revised program of study is at the end of the minutes.

U_CAS_GLY_2015_12

Revise the program of study for the Bachelor of Science in Geology with a concentration in Secondary Education (259F/40.0601)[T]. The revised program of study is at the end of the minutes.

U_CAS_GLY_2015_13 Change the course description and prerequisite statement of **GLY 3800. Sedimentology and Stratigraphy (3).S.** to read as follows:
GLY 3800. Sedimentology and Stratigraphy (3).S.
Sediments and sedimentary rocks make up the majority of materials found at the Earth's surface and can provide clues to ancient environments and paleoclimates, as well as provide reservoirs for fossil fuels and groundwater. The first part of this class explores the basic principles of sedimentation, particle transport mechanisms, depositional environments, diagenesis, and lithification of particles, and students learn to classify sedimentary rocks. The second half of the semester involves learning basic stratigraphic principles and the correlation of rock units across landscapes both at the Earth's surface and beneath the surface (including seismic reflection, biostratigraphy, chemostratigraphy, and borehole logging). Lecture two hours, laboratory three hours. Prerequisites: GLY 2250 and GLY 2745.

POS affected: 119A, 121A, 121B, 244A, 259C, 259D, 259E

VOTE 23 – To approve the proposals from the Department of Geology - PASSED

The proposals from the **Department of Physics and Astronomy** were approved as follows:
(EFFECTIVE: Fall 2016)

U_CAS_P&A_2015_13 Revise the program of study for the Bachelor of Science in Physics with a concentration in Secondary Education (270C/40.0801)[T]. The revised program of study is at the end of the minutes.

GU_CAS_P&A_2015_17 Remove the dual-listing from **PHY 4640. Quantum Mechanics (3).S**

Delete **PHY 5640.**

GU_CAS_P&A_2015_18 Remove the dual-listing from **PHY 4820. Medical Physics (3).S.**

Delete **PHY 5820.**

GU_CAS_P&A_2015_20 Course Deletion (dual-listed PHY 4002/PHY 5002)
PHY 4002. Applied Physics Literature (1).F.

Remove the reference of PHY 4002 from the Honors Program in Physics and Astronomy section in the Undergraduate Bulletin.

Remove PHY 4002 from the prerequisite statements of PHY 4510 and AST 4510.

Courses affected: PHY 4510, AST 4510

GU_CAS_P&A_2015_21 Course Deletion
PHY 4740. Sensors and Transducers (4).S.

Remove the dual-listing with PHY 5740, and change the prerequisite statement of PHY 5740.

GU_CAS_P&A_2015_22

Course Deletion

PHY 4735. Microcontrollers (3).S.

Change the credit hours, lecture/lab statement, prerequisite statement, and remove the dual-listing of **PHY 5735. Microcontrollers (3).S.**

GU_CAS_P&A_2015_24

Change the credit hours and lecture/lab statement of the dual-listed course **PHY 4330/PHY 5330. Digital Electronics (3).F.** to read as follows:

PHY 4330. Digital Electronics (4).F.

This course provides an introduction to digital electronics, with an emphasis on the study of components that are building blocks for digital devices and equipment, especially microcomputers. Emphasis will be placed on the design of combinatorial, sequential, and state machine (ASM) circuits, including simplification by Boolean algebra, Karnaugh maps, and computer-aided tools. Hardware description languages will be used to implement designs on programmable logic devices (PLD). Topics to be covered include: number systems, Boolean algebra, logic families, gates, flip-flops, medium scale integration devices, combinatorial and sequential circuits, ASM, PLD, arithmetic logic units, memory, input-output, D/A, A/D, and a generic CPU. The industry-oriented, hands-on labs involve circuit construction, testing and trouble-shooting using modern test equipment. Lecture three hours, laboratory three hours. [Dual- listed with PHY 5330.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

POS affected: 121A, 121B, 270C

GU_CAS_P&A_2015_25

Change the credit hours, course description, and lecture/lab statement of **PHY 4730/PHY 5730. Analog Systems (3).F.** to read as follows:

PHY 4730. Analog Systems (4).F.

The theory and operation of DC and AC circuits with discrete passive and active components. Included are resistors, capacitors, inductors, diodes, bipolar transistors, field effect transistors, and operational amplifiers. An in-depth analysis of circuit theorems, phasors, differential equations, and simulations predicting the behavior of systems of analog devices will be explored in lecture and laboratory. The use and limitations of common electronics instrumentation such as multimeters, oscilloscopes, and function generators will also be explored. Lecture three hours, laboratory three hours. Corequisite: PHY 3210 or permission of the instructor. [Dual-listed with PHY 5730.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

POS affected: 121A, 270C

GU_CAS_P&A_2015_28

Change the course description and prerequisite statement of the dual-listed course **PHY 4620/PHY 5620. Optics (4).F.** to read as follows:

PHY 4620. Optics (4).F.

A rigorous introduction to geometric and wave optics with applications including lasers, interferometers, spectroscopy, telescopes, fiber optics, and remote sensing. Basic electromagnetic wave theory is employed to describe the interaction of electromagnetic radiation with matter including absorption, dispersion, reflection, and scattering. Geometric optics is employed to study image formation by optical systems using both ray-tracing and matrix optics

methods. Wave optics is used to study interference, diffraction, and coherence. This leads into a detailed lab-based unit dealing with interferometry and optical system alignment, with applications to optical component testing, spectral analysis of light sources, and coherence. The course also includes a semester synthesis project. Lecture three hours, laboratory three hours. Prerequisite: PHY 3001 or equivalent (with a grade of “C” or higher). (PHY 3020 is a suggested prerequisite, but students may also enroll with permission of instructor). [Dual-listed with PHY 5620.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

VOTE 24 – To approve the proposals from the Department of Physics and Astronomy - PASSED

The proposals from the **Department of Philosophy and Religion** were approved as follows:
(EFFECTIVE: Fall 2016)

U_CAS_P&R_2015_04 Change the course description of **REL 2150. Buddhism (3).F.** to read as follows:

REL 2150. Buddhism (3).F.

This course surveys the historical development of Buddhist traditions in Asia, beginning with ancient India and continuing with the emergence of major schools and traditions in China, Japan, Tibet, and Southeast Asia. We will also examine Buddhism and modernity in Asia and representations and practices of Buddhism in Western popular culture and society. (Global Learning Opportunity Course)

U_CAS_P&R_2015_05

Course Addition

REL 2210. Gods, Ghosts and Ancestors (3).F.Alternate years.

This course introduces students to the main religious traditions of China and the enduring religious themes and philosophical issues which have informed traditional Chinese literature, society, culture and politics. Students will examine the origins, rise, and endurance of Chinese popular religion, Confucianism in its social and political forms, Daoism as a philosophical movement and as a series of religious innovations, and Buddhism’s transmission into China and its subsequent flourishing and transformation of Chinese culture and society. In each instance students will examine a broad array of phenomena, from scriptural texts to hagiography, from ritual manuals to medical texts, from miracle stories of talking animals to poetic flights into the starry heaven and beyond, from tales of ghosts and ancestors to accounts of the deeds of shamans and sages.

U_CAS_P&R_2015_06

Course Addition

REL 3560. Religion and Science Fiction (3).S.Alternate years.

This course will boldly go where no one has gone before through a variety of texts, films and media, in order to discover the ways science fiction authors imagined religion, class, race, culture, economics, and history in this and other worlds. We will analyze contemporary science fiction novels, films, television shows, and short stories, looking at how authors construct their worlds and reconstruct ours.

- U_CAS_P&R_2015_07 Course Addition
REL 3725. Religion and Empire (3).F.Alternate years.
This course explores the nature of empire and its conflicted relationship with religion. It will cover different case studies from differing geographic and historic locales. Religion and empire have moved hand in hand shaping the way that both colonizer and colonized understood, practiced, and created religion. In the process of expanding their world (and altering other worlds), colonizers came to think about themselves in terms of new identities; and colonized peoples forged their own identities in the midst of struggle. Prerequisite: RC 2001 or its equivalent.
- U_CAS_P&R_2015_08 Change the course title, course description, and semester offering of **REL 3150. Religion, Culture, and the Body (3).S.** to read as follows:
REL 3150 Religion, Gender, and the Body (3).S.Alternate Years.
This course examines how religions configure the human body as both a problem and an opportunity. Students will examine theories concerning the social and cultural construction of gender, sexuality, and embodiment, and the implications of these theories for the study of religion. Case studies will help students gain proficiency in applying the theoretical insights of cultural and gender studies not only to specific cultural and historical settings, but also to similar phenomena in other times and places.
- POS affected: 102A
- U_CAS_P&R_2015_09 Change the course title and course description of **REL 3020. The Life and Letters of Paul (3).F.** to read as follows:
REL 3020. After Jesus: Paul to Christianity (3).F.
This class will examine the development of a rich variety of communities, traditions and theologies that developed in years after Jesus' life. It will explore the development of Paul's communities and the groups and thinkers who appropriated, reinterpreted and/or opposed Paul's work in both antiquity and the contemporary world.
- POS affected: 102A
- U_CAS_P&R_2015_10 Change the course title and course description of **REL 3010. Prophecy in Ancient Israelite Literature (3).S.** to read as follows:
REL 3010. Biblical Prophets: Justice and Hope (3).S.
A study of the prophetic movement and its literature in ancient Israel and the ancient Near East.
- POS affected: 102A, 126
- U_CAS_P&R_2015_11 Change the course title and course description of **REL 3030. Women in the Biblical Tradition (3).F.** to read as follows:
REL 3030. Gender, Sexuality, and the Bible (3).F.
This course provides an extensive inquiry into the constructions of gender and sexuality in the Hebrew Bible, New Testament and Apocrypha. Feminist biblical criticism will be emphasized along with a careful study of what we can know about gender and sexuality in the periods in which these texts were composed.
- POS affected: 102A, 126, 134, 134A, 606

- U_CAS_P&R_2015_12 Change the course number of **REL 4015 to REL 3715** [DELETE REL 4015 and ADD REL 3715] to read as follows:
REL 3715. Biblical Interpretation (3).S.
GEN ED: Junior Writing in the Discipline (WID)
An intensive examination of methods and issues in biblical interpretation, with extensive experience in the interpretation of specific biblical texts from both testaments. Major issues in the history of interpretation will be discussed, with emphasis on contemporary methods. Prerequisites: REL 2010 or REL 2020 and junior or senior standing, or permission of the instructor and RC 2001 or its equivalent.
- POS affected: 102A
Course affected: REL 4700
- U_CAS_P&R_2015_13 Course Deletion
REL 2160. Daoism (3).F.Alternate years.
- POS affected: 102A
- U_CAS_P&R_2015_14 Course Deletion
REL 2170. The Confucian Way (3).F.Alternate years.
- POS affected: 102A
- U_CAS_P&R_2015_15 Course Deletion
REL 3140. Chinese Medicine (3).S.
- POS affected: 102A
- U_CAS_P&R_2015_16 Course Deletion
REL 3730. Nature-Oriented Religions (3).F.Alternate years.
- POS affected: 102A
Course affected: REL 4700
- U_CAS_P&R_2015_17 Change the course description and prerequisite statement of **REL 4510. Senior Honors Thesis (3).On Demand.** to read as follows:
REL 4510. Senior Honors Thesis (3).On Demand.
Independent study and research. Honors thesis directed by a faculty member in Religious Studies and a member of an affiliated department or program appropriate to the topic selected by the student. Prerequisite or co-requisite: completion of six semester hours of Honors work. A grade of B or better is required for Honors Credit in each class.
- POS affected: 102A
- U_CAS_P&R_2015_18 Revise the requirements for the Department of Philosophy and Religion Honors Program to read as follows:
The Department of Philosophy and Religion offers an honors program for students with a minimum overall GPA of 3.4. To graduate with “honors in philosophy” or “honors in religious studies,” a student must be a Philosophy major or a Religious Studies major and complete at least 9 semester hours of work in departmental honors courses with a

cumulative GPA of 3.4 or above in those courses. Six of the hours will be comprised of honors coursework and three of the hours must be either PHL 4510 or REL 4510, Senior Honors Thesis. A grade of B (3.0 grade points) or better is required for Honors Credit in each class.

- U_CAS_P&R_2015_19 Change the prerequisite statement of **REL 4700. Senior Seminar (3).F;S.** to read as follows:
Prerequisite: completion of at least six semester hours of religious studies (REL) course work at the 3000 or 4000 level including one methods course (one course in the REL 3700 sequence).
- POS affected: 102A

VOTE 25 – To approve the proposals from the Department of Philosophy and Religion - PASSED

The proposals from the **Department of Psychology** were approved as follows: (EFFECTIVE: Fall 2016)

- U_CAS_PSY_2015_04 Change the course number of **PSY 1100 to PSY 2100** [DELETE PSY 1100 and ADD PSY 2100] to read as follows:
PSY 2100. Psychology of Parenting (3).F;S.
GEN ED: Integrative Learning Experience (Theme: "Social Relations Across Contexts")
The study of social, multi-cultural, cognitive, and behavioral principles in psychology as applied to the theory and practice of parenting.
- POS affected: GEN ED, 251A, 252D, 252E, 252F, 252G, 284M
SAC affected: Psychology

- U_CAS_PSY_2015_05 Change the course description of **PSY 2211. Psychology of Personality (3).F;S.** to read as follows:
PSY 2211. Psychology of Personality (3).F;S.
Basic principles of personality structure, dynamics, development, assessment, and theory are discussed. Consideration is given to environmental and biological determinants of personality. Students who have previously received credit for PSY 3211 may not enroll in or receive credit for PSY 2211.

- U_CAS_PSY_2015_06 Change the course description of **PSY 2212. Abnormal Psychology (3).F;S.** to read as follows:
PSY 2212. Abnormal Psychology (3).F;S.
An overview of the major forms of psychological disorders in children and adults. Emphasis is placed on theory and research related to the classification, description, etiology, and treatment of maladaptive behaviors and psychological disorders. Students who have previously received credit for PSY 3212 may not enroll in or receive credit for PSY 2212.

- U_CAS_PSY_2015_07 Change the course description of **PSY 2213. Survey of Psychology (3).F;S.** to read as follows:
PSY 2213. Survey of Social Psychology (3).F;S.
GEN ED: Social Science Designation; Integrative Learning Experience (Theme: "Social Relations Across Contexts")
An overview of the basic principles of social psychology. A survey of the

- research findings and how they may be applied to real world situations. Students who have previously received credit for PSY 3213 may not enroll in or receive credit for PSY 2213.
- U_CAS_PSY_2015_08 Change the course description of **PSY 2700. Behavior Change (3).F;S.** to read as follows:
PSY 2700. Behavior Change (3).F;S.
An introduction to behavior change principles and procedures employed in the helping professions. Instructional and practical experiences focus on the acquisition of communication and problem-solving skills used to manage problem behaviors. Students who have previously received credit for PSY 4700 may not enroll in or receive credit for PSY 2700.
- U_CAS_PSY_2015_09 Revise the program of study for the Bachelor of Arts in Psychology (251A/42.0101) and the Bachelor of Science in Psychology (252*/42.0101) with concentrations in Natural Science (252C), Business (252D), Health Studies (252E), Human Services (252F), and Social Science (252G). The revised programs of study is at the end of the minutes.
- VOTE 26 – To approve the proposals from the Department of Psychology - PASSED
- The proposal from the **Department of Sociology** were approved as follows: (EFFECTIVE: Fall 2016)
- U_CAS_SOC_2015_04 Revise the program of study for the Bachelor of Science in Sociology with a concentration in Social Inequalities (284K/45.1101). The revised program of study is at the end of the minutes.
- U_CAS_SOC_2015_05 Revise the program of study for the Bachelor of Science in Sociology with a concentration in Criminology, Deviance and Law (284L/45.1101). The revised program of study is at the end of the minutes.
- U_CAS_SOC_2015_06 Revise the program of study for the Bachelor of Science in Sociology with a concentration in Families and Intimate Relationships (284M/45.1101). The revised program of study is at the end of the minutes.
- U_CAS_SOC_2015_07 Course Addition
SOC 3150. Environmental Sociology (3).F.
Sociological examination of the relationships between society and the environment. Special attention is given to the respective roles economic systems, race, gender, culture and other social factors play in fostering or limiting environmental degradation.
- U_CAS_SOC_2015_08 Change the course description of **SOC 2850. Constructions of Gender (3).F;S.** to read as follows:
SOC 2850. Constructions of Gender (3).F;S.
GEN ED: Social Science Designation; Liberal Studies Experience
Introduction to current sociological perspectives on gender, with an emphasis on the U.S. Examines the ways gender shapes individuals, intersects with class, race/ethnicity, and sexuality, and how constructions of gender contribute to and reflect inequality in society.
- U_CAS_SOC_2015_09 Change the title and course description of **SOC 3320. Sociology of Conflict Resolution (3).F.** to read as follows:

SOC 3320. Conflict Resolution, Reconciliation, and Peace (3).F.

Investigates theories of societal conflict, the conditions under which conflict leads to violence, and the techniques of peace and reconciliation used in local and global contexts to show theory in practice.

POS affected: 272C, 272D, 284L, 284M

U_CAS_SOC_2015_10

Change the semester offering, course description, and remove the prerequisite statement of **SOC 3350. Corrections (3).F.** to read as follows:

SOC 3350. Corrections (3).F.

A study of current social problems and legal disputes related to the adult correctional system as a part of the larger adult criminal justice system. Topics covered include disparities traceable to gender, race/ethnicity, and sexuality within the criminal justice system, the proliferation of private prisons, local and global policing issues, and alternative forms of corrections, such as restorative justice, drug courts, and correctional boot camps.

POS affected: 284L

U_CAS_SOC_2015_11

Change the title and course description of **SOC 4250. Collective Behavior and Social Change (3).F. Alternate years.** to read as follows:
SOC 4250. Social Movements (3).F. Alternate years.

A conceptual and substantive study of collective action and social change efforts in contemporary society. The internal organization and strategies of social movements, as well as the political and societal responses they facilitate, are also analyzed.

POS affected: 126, 284K, 349

U_CAS_SOC_2015_12

Change the title, course description, and prerequisite statement of **SOC 4340. Punishment in American Society (3).F.** to read as follows:
SOC 4340. Punishment and Social Control (3).F.

Offers an in-depth study of the use, justification, and consequences of formal criminal punishment as well as informal social control. Topics covered include theories of criminal punishment, the rise of mass incarceration and the prison-industrial complex, non-institutional community-based approaches to punishment, consequences of different punishment practices, the rise of surveillance, and comparisons of approaches to punishment and social control across different countries and societies. Prerequisite: SOC 3340.

POS affected: 284L

GU_CAS_SOC_2015_13

Remove the dual-listing of **SOC 4750/SOC 5750. Social Stratification.** Change the title, course description, and semester offering of **SOC 4750.** to read as follows:

SOC 4750. Wealth, Power, and Privilege (3).S.

Examines the theories and consequences of the unequal distribution of wealth, power, and privilege. Focuses on how institutions manifest and support stratification, including political power, work, family, and education.

POS affected: 126, 249, 250S, 272C, 272D, 272K, 284D, 284K, 284M

Change the semester offering of **SOC 5750**.

GU_CAS_SOC_2015_14

Remove the dual-listing of **SOC 4600/SOC 5600. Political Sociology**. Change the course description and semester offering of SOC 4600. To read as follows:

SOC 4600. Political Sociology (3).F.Alternate years.

Explores power, politics, the state, civil society, culture, networks, political regimes, and contemporary political processes from comparative-historical and global perspectives.

Change the semester offering of SOC 5600.

GU_CAS_SOC_2015_15

Remove the dual-listing of **SOC 4650/SOC 5650. Women in the Justice System (3).S**. Change the title, course description, and add a prerequisite to **SOC 4650** to read as follows:

SOC 4650. Women, Crime, and the Justice System (3). S.

Overview of women's experiences with crime and the criminal justice system with reference to experiences of men for purposes of comparison. Topics covered include the roles of race, ethnicity, and poverty in women's experiences; theories of crime; inequalities in police citizen interactions; imprisonment; gendered perceptions held by corrections agents; and other aspects of the criminal justice system experience. Prerequisite: SOC 3340.

POS affected: 134, 134A, 220A, 284L, 284M, 606

Change the semester offering of SOC 5650.

GU_CAS_SOC_2015_16

Remove the dual-listing of **SOC 4800/SOC 5800. Sociology of the Family (3).S**. Change the title, course description and prerequisite statement of **SOC 4800** to read as follows:

SOC 4800. Sociology of Families (3).S.

Examines current sociological perspectives on families, with an emphasis on recent U.S. family trends. Explores the consequences of social, political, and economic change for family life. Focuses on current debates over contemporary family well-being, including changing meanings of family, transformations in gender roles, work/family conflicts, economic instability, and the effects of public policy on family life. Prerequisite: SOC 1110 and junior standing.

POS affected: 284D, 284M

Change the title and semester offering of SOC 5800.

GU_CAS_SOC_2015_17

Remove the dual-listing of **SOC 4850/SOC 5950. Globalization and Population (3).On Demand**. Change the title, course description, and semester offering of **SOC 4850** to read as follows:

SOC 4850. Global Sociology (3).S.

Examines contemporary processes and controversies of globalization with a primary focus on economic, political, cultural, and environmental dimensions of these transformations. (Global Learning Opportunity course)

POS affected: 220B, 249, 250S, 272K, 284D, 284G, 284K, 284L, 284M, 611, 611A

GU_CAS_SOC_2015_18

Change the title and course description of the dual-listed course **SOC 4560/SOC 5560. Race and Minority Relations (3).F.** to read as follows: **SOC 4560. Race and Ethnicity (3).F.**

Critically examines how race and ethnicity are socially constructed, defined, and perpetuated throughout social institutions. Utilizes sociological theories and current research that demonstrate the extent of racial/ethnic inequalities. Social justice efforts to reduce racial and ethnic inequalities are also addressed. [Dual-listed with SOC 5560.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

POS affected: 126, 220A, 250B, 272C, 272K, 284D, 284K, 284L, 284M, 611, 611A

SAC affected: Diversity Studies, Global Issues

U_CAS_SOC_2015_19

Delete the concentration in Gerontology (284G) from the Bachelor of Science of Sociology (284*/45.1101).

Add a concentration in Sociology of Health and Aging (284N) to the Bachelor of Science of Sociology (284*/45.1101). The new program of study is at the end of the minutes.

VOTE 27 – To approve the proposals from the Department of Sociology - PASSED

The proposals from the **Watauga Residential College** were approved as follows: (EFFECTIVE: Fall 2016)

U_CAS_WRC_2015_03

Course Additions

WRC 3210 Poverty: Theory and Practice (3).S.

This course introduces students to the theories and history of poverty, with an emphasis on learning the historical and social contexts of poverty through experiential or service-learning. (Same as HIS 3210).

HIS 3210 Poverty: Theory and Practice (3).S.

This course introduces students to the theories and history of poverty, with an emphasis on learning the historical and social contexts of poverty through experiential or service-learning. (Same as WRC 3210).

U_CAS_WRC_2015_04

Change the course title of **WRC 3665. Creative Writing in the Field (3).F.** to read as follows:

WRC 3665: Black Mountain College (3). F.

This writing intensive course will examine the phenomenon of Black Mountain College: an experimental academic adventure launched in the rural Swannanoa Valley of the North Carolina Mountains. Students will explore the history of BMC, study the writers who lived, taught, and visited the college, and examine the continuing influence of BMC. Students will also consider what it means to be in control of their own learning.

U_CAS_WRC_2015_05 Add a minor in Experiential, Integrative Learning (148/24.0199). The new program of study is at the end of the minutes.

The new catalog copy will read as follows:

A Minor in Experiential, Integrative Learning consists of 15 semester hours of WRC coursework. A minimum of 9 hours must be completed "in residence" at Appalachian State University. 9 hours must be WRC courses at the 2000 level or above; 3 of the 15 hours must be WRC courses at the 3000 level or above; and a 3 hour capstone course is required.

This minor is open to any student in the University regardless of their major or their enrollment in Watauga Residential College. Courses that are cross-listed between WRC and another department may count when the transcript records the other department (e.g., IDS 2302).

The program of study is available at

www.programsofstudy.appstate.edu/xxxxxxxxxxxxxxxxxxx

U_CAS_WRC_2015_06

Course Addition

WRC 4001. Seminar in Experiential, Integrative Learning (3).F;S.

A senior capstone experience on Watauga Residential College, with an emphasis on demonstrated understanding of the College in relation to the history of residential colleges and on the development of projects or procedures to improve the residential college experience for future students. This course is the culminating course of the Minor in Experiential, Integrative Learning. Instructor permission required.

U_CAS_WRC_2015_07

Course Addition

WRC 3000. Interrogating Popular Culture (3).S.

An exploration of various social science methods (including textual content analysis, cross-cultural comparison, interview and participant observation) for understanding the deeper meaning and social significance of globally diverse products of popular culture. Students will explore a variety of social science concepts derived from anthropology, sociology, folkloristics, gender and ethnic studies, feminism, and deconstruction, while gaining media awareness and research skills.

U_CAS_WRC_2015_08

Delete the undergraduate certificate in Experiential, Interdisciplinary Education (139A/24.0199).

VOTE 27 – To approve the proposals from the Watauga Residential College - PASSED

Dr. Tim Forsyth presented proposals from the Walker College of Business.

The proposals from the **College of Business** were approved as follows: (EFFECTIVE: Fall 2016)

U_COB_2015_03

Revise the policy regarding the limits on enrollment in upper level business courses. The policy Special Note about Enrollment in Upper Level Business Courses will read as follows below proposal _04.

POS affected: Majors - 301A, 310A, 316A, 326A, 337A, 352A, 355A, 371A, 380A; Minors - 301, 310, 316, 324, 337, 346, 347, 348, 349, 380, 381.

U_COB_2015_04

Change the number of credit hours required to take upper level business courses. The policy will read as follows:

The following pages from the 2015-2016 Undergraduate Bulletin are affected: 241, 245, 249, 252-253, 259, 263-264, 269-270, 273, 275)
Special Note About Enrollment in Upper Level Business Courses
Enrollment in 3000/4000 level courses in the Walker College of Business is limited to business majors admitted to the College of Business. An exception is allowed for other students, including business majors not yet admitted to the College of Business, to take a maximum of five business courses at the 3000-level or above, including graduate-level courses (unless more are specifically listed as required on the Program of Study for a non-business major, a required concentration, or a required minor). No exceptions beyond this will be allowed.

Prerequisites for 3000 level and 4000 level business courses, in addition to course specific prerequisites, are as follows: 1) 54 earned hours for 3000 level business courses and 2) 84 earned hours and a minimum grade of “C” in any Writing in the Discipline (WID) course for 4000 level business courses.

Business majors are encouraged to complete all admission requirements by the beginning of the junior year. Students who are not admitted to the College of Business will not be allowed to early register for more than five business courses at the 3000-level or above, including graduate-level business courses, even if they anticipate they will be admitted to the College of Business by the beginning of the next semester. Non business majors must get a permit from the College of Business Undergraduate Advising Office to register for any business courses at the 3000-level or above in excess of the five allowed when required on the program of study.

VOTE 28 – To approve the proposals from the College of Business - PASSED

The proposals from the **Department of Computer Information Systems and Supply Chain Management** were approved as follows: (EFFECTIVE: Fall 2016)

U_COB_CIS/SCM_2015_5 Change the prerequisite statement of **SCM 3660. Principles of Supply Chain Management (3).F;S.** to read as follows:
Prerequisite: ECO 2100 or STT 2810 or STT 2820 or permission of the department chair/program director.

POS affected: 348, 349, 355A, 360, 380A

U_COB_CIS/SCM_2015_6 Change the prerequisite statement of **SCM 3670. Six Sigma and Quality Management (3).F;S.** to read as follows:
Prerequisite: ECO 2100 or STT 2810 or STT 2820 or permission of the department chair/program director.

POS affected: 348, 355A, 360

U_COB_CIS/SCM_2015_7 Course Additions

SCM 1530-1549. Selected Topics (1-4).On Demand.

SCM 2530-2549. Selected Topics (1-4).On Demand.

SCM 3530-3549. Selected Topics (1-4).On Demand.

SCM 4530-4549. Selected Topics (1-4).On Demand.

SCM 3520. Instructional Assistance (1).F;S.

A supervised experience in the instructional process on the university level through direct participation in a classroom situation. Graded on an S/U basis. May be repeated for a total credit of three semester hours.

SCM 2500. Independent Study (1-4).F;S.

SCM 3500. Independent Study (1-4).F;S.

SCM 4500. Independent Study (1-4).F;S.

SCM 3510. Junior Honors Thesis (1-3).On Demand.

Independent study and research project directed by a departmental faculty advisor on a topic of mutual interest to both student and advisor. The thesis should be completed during the student's junior and senior years and includes a formal presentation to the college faculty. May be repeated for a total credit of three semester hours.

SCM 4510. Senior Honors Thesis (1-3).On Demand.

Independent study and research project directed by a departmental faculty advisor on a topic of mutual interest to both student and advisor. The thesis should be completed during the student's junior and senior years and includes a formal presentation to the college faculty. May be repeated for a total credit of three semester hours.

U_COB_CIS/SCM_2015_8 Change the prerequisite statement of **SCM 3690. Global Supply Chain and Logistics (3).F;S.** to read as follows:

Prerequisite: ECO 2100 or STT 2810 or STT 2820 or permission of the department chair/program director. (Global Learning Opportunity course)

POS affected: 337, 337A, 360

VOTE 30 – To approve the proposals from the Department of Computer Information Systems and Supply Chain Management - PASSED

The proposals from the **International Business Program** were approved as follows: (EFFECTIVE: Fall 2016)

U_COB_IB_2015_01

Course Deletions

BUS 3010. Business Study in Great Britain (6).On Demand.

BUS 3020. Business Study in Scandinavia (6).On Demand.

BUS 3030. Business Study in Germany (6).On Demand.

BUS 3040. Business Study in Australia (6).On Demand.

BUS 3050. Business Study in France (6).On Demand.

BUS 3060. Business Study in Italy (6).On Demand.

BUS 3070. Business Study in Russia (6).On Demand.

BUS 3080. Business Study in Japan (6).On Demand.

U_COB_IB_2015_02

Course Addition

BUS 2045. Introduction to International Business Abroad (3).On Demand.

This course is one proposed international trip for freshman and sophomore students interested in international business. BUS 2045 Introduction to International Business Abroad is designed to introduce students to international cultural differences and aspects of conducting business in an international arena. The study abroad program incorporates on-campus class sessions and an international travel experience. ASU students will work with students in the host country and will participate in visits to multinational companies, private enterprises, and visit cultural and historical sites. Students will also be required to prepare a presentation to students and faculty based on what they learned. Topics and title may vary based on study abroad location. Prerequisite: Permission of the Instructor.

U_COB_IB_2015_03

Course Addition

BUS 2055. Introduction to International Sustainable Business Abroad (3).On Demand.

This course is one proposed international trip for freshman and sophomore students interested in international business. BUS 2055 Introduction to International Sustainable Business Abroad is designed to introduce students to international cultural differences and aspects of conducting business in an international arena. The study abroad program incorporates on-campus class sessions and an international travel experience. ASU students will work with students in the host country and will participate in visits to multinational companies, private enterprises, and visit cultural and historical sites. Students will also be required to prepare a presentation to students, faculty and staff based on what they learned. Topics and title may vary based on study abroad location. Pre-requisite: Permission of the Instructor.

U_COB_IB_2015_04

Course Addition

BUS 3045. International Business Seminar Abroad (3).On Demand.

This course is one proposed international trip for College of Business undergraduate students. BUS 3045 International Business Seminar Abroad is designed to develop an understanding of international cultural differences and aspects of conducting business in an international arena. The seminar incorporates on-campus class sessions and an international travel experience. ASU students will work with students in the host country and will participate in visits to multinational companies, private enterprises, and visit cultural and historical sites. Students will also be required to prepare a presentation based on what they learned. Topics and title may vary based on study abroad location. Prerequisite: Permission of the instructor.

U_COB_IB_2015_05

Course Addition

BUS 3055. International Sustainable Business Seminar Abroad (3).On Demand.

This course is one proposed international trip for College of Business undergraduate students. BUS 3055 International Sustainable Business Seminar Abroad is designed to develop an understanding of international cultural differences and aspects of conducting business in an international

arena with a specific focus on the importance of sustainable practices in an international context. The seminar incorporates on-campus class sessions and an international travel experience. ASU students will work with students in the host country and will participate in visits to multinational companies, private enterprises, and visit cultural and historical sites. Students will also be required to prepare a presentation to students, faculty and staff based on what they learned. Topics and title may vary based on study abroad location. Prerequisite: Permission of the instructor.

U_COB_IB_2015_06

Course Addition

BUS 4045. Advanced International Business Seminar Abroad (3).On Demand.

This course is one proposed international trip for College of Business undergraduate students. BUS 4045 Advanced International Business Seminar Abroad is designed to develop an understanding of international cultural differences and aspects of conducting business in an international arena. The seminar incorporates on-campus class sessions and an international travel experience. ASU students will work with students in the host country and will participate in visits to multinational companies, private enterprises, and visit cultural and historical sites. Students will also be required to prepare a presentation based on what they learned. Topics and title may vary based on study abroad location. Prerequisites: A minimum grade of “C” in any Writing in the Discipline (WID) course and permission of the instructor.

U_COB_IB_2015_07

Course Addition

BUS 4055. Advanced International Sustainable Business Seminar Abroad (3).On Demand.

This course is one proposed international trip for College of Business undergraduate students. BUS 4055 Advanced International Sustainable Business Seminar Abroad is designed to develop an understanding of international cultural differences and aspects of conducting business in an international arena with a specific focus on the importance of sustainable practices in an international context. The seminar incorporates on-campus class sessions and an international travel experience. ASU students will work with students in the host country and will participate in visits to multinational companies, private enterprises, and visit cultural and historical sites. Students will also be required to prepare a presentation based on what they learned. Topics and title may vary based on study abroad location. Prerequisites: Senior standing, a minimum grade of “C” in any Writing in the Discipline (WID) course, permission of the instructor.

U_COB_IB_2015_08

Course Addition

BUS 4060. Holland Fellows International Business Study in Asia I (3).S.

This course serves as an orientation and preparation for the experiential study abroad course BUS 4065 Holland Fellows International Business Study in Asia II. This course allows students to explore the history, geography and demographics of China as well as China's business practices and culture. Additionally, students will receive elementary instruction in Conversational Chinese. The central aspect of this course is the opportunity to work directly with business students from Fudan University on a semester-long comparative business study. Results from this are presented at the Shanghai Forum at Fudan University during the study

abroad course, BUS 4065 Holland Fellows International Business Study in Asia II. Prerequisites: A minimum grade of “C” in any Writing in the Discipline (WID) course and permission of the instructor. Students are selected for this program through a rigorous application process.

U_COB_IB_2015_09

Course Addition

BUS 4065. Holland Fellows International Business Study in Asia II (3).SS.

Walker College of Business students have had the unique opportunity to participate in a three-week faculty/student delegation to Fudan University in Shanghai. Students participate in lectures given by professors in Fudan's School of Management, as well as visit the vibrant cities of Beijing, Shanghai, and Hong Kong. They gain an understanding of international business by visiting state-owned enterprises and foreign joint ventures in China and by meeting Hong Kong businesspersons. Students from Appalachian and Fudan present the results of a joint, semester-long comparative business study at the Shanghai Forum. Prerequisite: A minimum grade of “C” in any Writing in the Discipline (WID) course and permission of the instructor. Students are selected for this program through a rigorous application process.

U_COB_IB_2015_10

Revise the program of study for the undergraduate minor in International Business (337/52.1101). The revised program of study is at the end of the minutes.

U_COB_IB_2015_11

Revise the program of study for the Bachelor of Science in Business Administration in International Business (337A/52.1101). The revised program of study is at the end of the minutes.

U_COB_IB_2015_12

Course Additions

BUS 2500. Independent Study (1-4).On Demand.

BUS 3500. Independent Study (1-4).On Demand.

BUS 4500. Independent Study (1-4).On Demand.

BUS 3520. Instructional Assistance (1).On Demand.

A supervised experience in the instructional process on the university level through direct participation in a classroom situation. Graded on an S/U basis. May be repeated for a total credit of three semester hours.

U_COB_IB_2015_13

Change the course number, credit hours, semester offering, course description, and prerequisite statement of **BUS 3900 to BUS 3905** [DELETE BUS 3900 and ADD BUS 3905] to read as follows:

BUS 3905. International Business Internship (1-6).On Demand.

Six semester hours = a ten week full-time (400 hours) business work experience abroad. Internships that are less than six semester hours will have their credit hours determined based on length of internship and hours worked. Prerequisites: BUS 3905 is limited to College of Business majors admitted to the College of Business and requires permission of the Associate Dean for International Programs and the International Business internship coordinator. Graded on an S/U basis.

The reference to BUS 3905 in the prerequisite statement stays BUS 3900.

*See Provost note at the end of the minutes concerning retaining course number (BUS 3900 will not change to BUS 3905.)

VOTE 31 – To approve the proposals from the International Business Program - PASSED

The proposals from the Department of Management were approved as follows: (EFFECTIVE: Fall 2016)

- GU_COB_MGT_2015_01 Change the title and course description of the dual-listed course **MGT 4630/MGT 5630. Labor Relations (3).S.** to read as follows:
MGT 4630. Employee and Labor Relations (3).S.
This course explores the historical development of U.S. employment relations, the rights and responsibilities of employers and employees, and the legal framework of labor relations. The focus is on both union and nonunion settings, however special consideration of issues, terms, and strategies of union contract negotiation and administration are discussed. Strong consideration is given to public policy relating to the employment relationship. In addition to these topics, we will explore union governance and structure, collective bargaining and impasse resolution procedures, grievance procedures, employee involvement and opinions, and deviant workplace behaviors. Prerequisite: a minimum grade of “C” in any Writing in the Discipline (WID) course. [Dual-listed with MGT 5630.] Dual-listed courses require senior standing.

POS affected: 249, 250S, 348
- U_COB_MGT_2015_02 Course Addition
HOS 3100. Sustainable Tourism (3).S.
The course will introduce the issues associated with the sustainable management of destinations and tourist attractions. Students will: learn the variety of ways that sustainability can manifest in the hospitality and tourism industry; understand the roles of international stakeholders involved in sustainable tourism; analyze case studies in key areas related to social, economic, and environmental impacts and consequences; and learn broad perspectives on how tourism relates to ecosystems, poverty, health, education, and social equity.
- U_COB_MGT_2015_03 Revise the program of study for the undergraduate minor in Sustainable Business (349/52.0201). The revised program of study is at the end of the minutes.
- U_COB_MGT_2015_05 Add an undergraduate minor in Hospitality and Tourism Management (371/52.0901). The new program of study is at the end of the minutes. The catalog copy reads as follows:

Undergraduate Minor in Hospitality and Tourism Management (code 371) (for business and non-business majors)

The undergraduate minor in HOS (15 semester hours) is available to both business and non-business majors, with the exception of HOS majors. The minor provides a solid foundation of the HOS system, business foundations, theory, and applications. This minor provides students with

a comprehensive understanding of the industry and the tools to seek or create new opportunities within domestic and international markets. Students not admitted to the College of Business may take, at most, five business courses at the 3000 or 4000 level (unless more is required by a business minor or non-business major). Students must meet all eligibility requirements to take 3000-4000 level business courses. A minimum GPA of 2.0 (overall) is required for the courses included in the Hospitality and Tourism Management minor.

VOTE 32 – To approve the proposals from the Department of Management - PASSED

The proposals from the **Department of Marketing** were approved as follows: (EFFECTIVE: Fall 2016)

- U_COB_MKT_2015_1 Change the course number of **MKT 3052 to MKT 3215** [DELETE MKT 3052 and ADD MKT 3215] to read as follows:
MKT 3215. Professional Selling (3).F;S.
Focus is on the development of selling skills, from prospecting for new customers to making a sales presentation, closing the sale and following up, as well as the development of an understanding of the economic and psychological buying motivations affecting the sales of industrial and consumer goods and services. The course will also include the application of a sales force automation software to facilitate the selling process, and to increase retention of existing customers. Prerequisite: MKT 3050 with a minimum grade of “C” (2.0).

POS affected: 214D, 346, 352, 352A, 380A, 557G
SAC affected: Marketing
- U_COB_MKT_2015_2 Change the course number and prerequisite statement of **MKT 4610 to MKT 3270** [DELETE MKT 4610 and ADD MKT 3270] to read as follows:
MKT 3270. Consumer Behavior (3).F;S.
An examination of the psychological, sociological, and economic theories of buyer behavior. This is followed by analysis of the major current and classical empirical research studies designed to test the different theories of buyer behavior. Prerequisites: MKT 3050 with a minimum grade of “C” (2.0).

POS affected: 214D, 346, 352, 352A
- U_COB_MKT_2015_3 Change the course number, title, and semester offering of **MKT 3230 to MKT 3280** [DELETE MKT 3230 and ADD MKT 3280] to read as follows:
MKT 3280. Business-to-Business Buyer Behavior (3).F;S.
A study of the distinguishing features of the business marketing environment including the major types of customers, the nature of the procurement function, and forces that drive buying decisions in organizations. Other topics include customer relationship management strategies for business markets, E-commerce strategies for business markets, supply chain management and global business marketing strategies. In addition, techniques for assessing business market opportunities, market segmentation, demand analysis and sales forecasting will be reviewed. Also included will be the planning, implementation and control of the business marketing function. Prerequisite: MKT 3050 with a minimum grade of “C” (2.0).

POS affected: 214D, 252, 252A, 360
SAC affected: Marketing

U_COB_MKT_2015_4

Change the course number, title, and semester offering of **MKT 4100 to MKT 4650** [DELETE MKT 4100 and ADD MKT 4650] to read as follows: **MKT 4650. Strategic Marketing Management (3).F;S.**

An integrated course in marketing, systematically oriented with emphasis on the marketing mix, the formulation of competitive strategies, and special attention to market analysis, marketing information, and sales forecasting. Case analysis is stressed. 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).

POS affected: 352A

U_COB_MKT_2015_5

Change the course number and semester offering of **MKT 3210 to MKT 3285** [DELETE MKT 3210 and ADD MKT 3285] to read as follows: **MKT 3285. Retail Management (3).On Demand.**

Focus is on operational problems, retail store organization, location analysis, buying, selling, sales promotion, service, and merchandise handling. Case analysis of managerial problems in retailing establishments. Prerequisites: MKT 3050 with a minimum grade of “C” (2.0).

POS affected: 214D, 352, 352A
SAC affected: Marketing

U_COB_MKT_2015_6

Course Addition

MKT 3290. Services Marketing (3).On Demand.

This course examines service organizations' distinctive approach to marketing strategy development and execution. Services marketing explores the unique characteristics and challenges of service organizations and applies the expanded marketing mix (7Ps) in examining marketing strategies and processes for service planning, delivery, evaluation and recovery of service quality with the focus on customer satisfaction and retention. The course broadens the view of marketing and provides an understanding of services marketing theories and of how marketing can be practiced in organizations in local, national and international markets. Sustainability issues related to services marketing will be emphasized. Prerequisites: MKT 3050 with a minimum grade of “C” (2.0).

U_COB_MKT_2015_7

Course Addition

MKT 3295. New Product Development and Branding (3).On Demand.

The purpose of this course is to provide a comprehensive dialogue about new product development and brands. The course is broken into two parts. The first part of the course (till and including the First Exam) introduces and discusses a very popular New Product Development process called the Stage Gate System®. Additionally, this portion of the course also introduces some of the best practices in the industry while discussing the Stage Gate System®. Once a product is developed, the marketer subsequently brands the product, which provides the impetus for the second portion of the course. This second portion of the course introduces and explains how to manage brand equity – the added value an offering has due to the past investments in marketing activities of the brand. Specifically, the branding portion of the

course attempts to explain (1) what is and how to build brand equity; (2) ways to measure brand equity; (3) different branding strategies, and, (4) how to adjust branding strategies over time to maximize brand equity. Prerequisites: MKT 3050 with a minimum grade of “C” (2.0).

U_COB_MKT_2015_8

Course Addition

MKT 4560. Advanced Sales Techniques (3).F;S.

Students in this course will build on basic selling skills learned in the prerequisite Professional Selling course. Advanced Sales Techniques will focus on applying and practicing selling skills through role play competition participation and/or selling actual products, services or ideas for collaborating profit or not-for-profit organizations. Students will also develop skills in account management and the application of emerging sales technologies and analytics. Prerequisites: **a minimum grade of “C” in any Writing in the Discipline course (WID) and MKT 3215.**

U_COB_MKT_2015_9

Course Deletion

MKT 3900. Internship (6).SS.

*See Provost note at the end of the minutes concerning retaining course number (MKT 3900). This course will not be deleted. See proposal U_COB_MKT_2015_11 below.

U_COB_MKT_2015_11

Course Addition

MKT 3905. Marketing Internship (3 or 6).SS.

A full-time work experience in business. Three semester hours of credit are granted for a total 200 hour internship. Six semester hours are granted for a total of 400 hours of internship. The maximum credit hours earned cannot exceed six. Students must have at least one semester of coursework left to complete after the internship. Prerequisite: admission to a degree granting college; MKT 3050 with a minimum grade of “C” (2.0), and permission of the departmental chair and the internship coordinator. Graded on an S/U basis.

*See Provost note at the end of the minutes concerning retaining course number. MKT 3900 will remain but the course description has been revised. MKT 3905 will not be added. See proposal U_COB_MKT_2015_9 above.

U_COB_MKT_2015_10

Course Addition

MKT 3910. Sales Internship (3 or 6).SS.

A full-time work experience in business. A sales internship will provide students with an opportunity of in-field work experience in sales. Three semester hours of credit are granted for a total 200 hour internship. Six semester hours are granted for a total of 400 hours of internship. The maximum credit hours earned cannot exceed six. Students must have at least one semester of coursework left to complete after the internship. Prerequisite: admission to a degree granting college; MKT 3050 with a minimum grade of “C” (2.0), and permission of the departmental chair and the internship coordinator. Graded on an S/U basis.

U_COB_MKT_2015_12

Delete the Bachelor of Science in Business Administration in Marketing (352A/52.1401) to change it from a major with no concentrations to a major with two concentrations (352*/52.1401).

Add two concentrations to the Bachelor of Science in Business Administration in Marketing (352*/52.1401) as follows:

- General Marketing (352B)
- Sales (352C)

The revised program of study is at the end of the minutes.

U_COB_MKT_2015_13 Revise the program of study for the undergraduate minor in Marketing (352/52.1401). The revised program of study is at the end of the minutes.

U_COB_MKT_2015_14 Add an undergraduate minor in Marketing: Sales (354/52.1401). The new program of study is at the end of the minutes.

U_COB_MKT_2015_15 Add an undergraduate minor in Marketing: Professional Selling (353/52.1401). The new program of study is at the end of the minutes.

VOTE 33 – To approve the proposals from the Department of Marketing - PASSED

A motion was made to bring back to the table the Honors College proposals.

VOTE 34 – To approve the proposals from the Honors College - PASSED

Dr. Mike Mayfield presented a proposal from Deans Council.

The proposals from Deans Council were approved as follows: (EFFECTIVE: Fall 2016)

U_DeansCouncil_2015_3 Update and Correct the Undergraduate Bulletin statement on Internships within Academic Regulations to read as follows:

Internships

The following University policy applies to internships, practica, field experiences, clinicals, and student teaching and the term internships will be used to encompass all such experiences.

By offering realistic on-the-job experiences and personal contacts with employers, internships provide students with opportunities to learn outside of the regular classroom and to formulate career plans based on their experiences.

The following administrative standards govern internships, practica, field experiences, clinicals, and student teaching for credit at Appalachian State:

Students pursuing an official Appalachian State University program of study that leads to a degree, certificate, or licensure are considered eligible to enroll for internship credit.

Academic credit will be based upon a minimum of 40 field placement hours per semester hour credit. Departments and programs may have additional academic requirements, including additional hours.

Internship courses are graded on an S/U basis. In the event an internship is embedded within a course, the experience will be graded as indicated in the course syllabus.

Internship experience and enrollment must be concurrent. Internship credit will not be granted retroactively.

Students must contact the appropriate program, department, college advisor, or designated representative for instructions on approval and registration procedures. All standards listed below are minimum standards; academic departments and programs may have higher and/or additional requirements. The program, academic department, or college dean's office will make the final determination whether

- a. the student's proposed internship experience is appropriate for the program requirements;
- b. the person serving as the student's supervisor at the internship site is fully qualified to supervise the intern;
- c. the student's internship is approved and registration is finalized in advance;
- d. the student's proposed internship adheres to all University, state, and federal regulations and guidelines,
- e. the student has a cumulative GPA of no less than 2.0;
- f. the student meets the class standing requirement, Junior or Senior status or other as determined by department, and meets all requirements of their academic department and/or program.

Appalachian State University requires professional liability insurance coverage for all students enrolled in internship or practicum courses, including student teaching. When a student registers for an internship, a fee is applied to the student's account to purchase professional liability insurance coverage.

The Office of International Education & Development (OIED) is responsible for reviewing and certifying/not certifying all international internships. Students seeking internships outside the United States/United States Territories must submit an application to OIED no fewer than fifteen (15) business days prior to intended departure or fifteen (15) days prior to Add/Drop whichever date occurs first in order to allow time for review and processing of pre-departure paperwork.

The Appalachian State University Internship Contract, available within the Internship Inventory, will be signed outlining the responsibilities of the University, of the student, and of the internship host. Students should see their Internship Coordinator within their academic department/program to start the process of internship approval.

VOTE 35 – To approve the proposal from Deans Council - PASSED

Dr. David Wiley presented proposals from the Reich College of Education

The proposals from the **Department of Curriculum and Instruction** were approved as follows:
(EFFECTIVE: Fall 2016)

U_COE_CI_2015_5

Revise the program of study for the Bachelor of Science in Middle Grades

Education (470*/470B/470C/470D/470E/13.1203) to require a grade of C (2.0 grade point) or higher in all concentration courses. The revised program of study and catalog copy is at the end of the minutes.

GU_COE_CI_2015_6

Change the course number for **CI 3080 to CI 4085** [DELETE CI 3080 and ADD CI 4085] to read as follows:

CI 4085. Teaching High School Mathematics (3).F.

This course prepares prospective secondary mathematics teachers to understand effective mathematics curricula based on national, state, and program standards, and to implement effective instruction and assessment in grades 8-12. Major topics include current research in mathematics education, understanding abilities of diverse learners, instructional strategies (including interpreting secondary mathematics content for learners), applying instructional technology, assessing learning, and secondary classroom management. An instructional design plan (IDP) will be created and at least two lessons from that IDP will be taught to students during the internship. Students will have an internship experience in public school classrooms. It is strongly advised that all other requirements for licensure (except student teaching) be completed prior to the methods course. A grade of "C" (2.0 or higher) must be earned in this class to proceed in teacher education. [Dual-listed with CI 5085.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

POS affected: 260I

Add **CI 5085. Teaching High School Mathematics** and add dual-listing with CI 4085.

VOTE 36 – To approve the proposals from the Department of Curriculum and Instruction - PASSED

Old Business

Other

Adjournment

VOTE 37 - To approve the motion to adjourn – PASSED

ACADEMIC POLICIES AND PROCEDURES COMMITTEE
January 13, 2016
 Unofficial Vote Record

Committee Members	27	28	29	30	31	32	33	34	35	36	37	38	39
Jon Beebe	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Ed Behrend-Martinez	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Jenifer Burris	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Teresa Carnevale	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Dinesh Davé	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Jeff Hirst	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Ellie Hoffman	-	-	-	-	-	-	-	-	-	-	-		
Joe Klein	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Cameron Lippard	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Kathleen Lynch-Davis	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Jason Miller	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Janice Pope	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Ben Powell	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
René Salinas	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
John Wiswell	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Tori Little	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Wes Rawles	-	-	-	-	-	-	-	-	-	-	-		

The recommendations from the January 13, 2016 Undergraduate Academic Policies and Procedures Committee meeting are approved. Upon agreement between the proposing departments and Academic Affairs, the Provost has agreed to approve proposals (U_FAA_ART_2015_18, U_HS_HES_2015_6, U_COB_IB_2015_13, U_COB_MKT_2015_9, U_COB_MKT_2015_11) with the changes requested EXCEPT for the course number change from 3900/4900 to a new internship number. The Internship course number will remain 3900/4900 effective Fall 2016. See proposals in the minutes above for specific changes. Programs of Study revisions from other proposals will be allowed due to the Internship course number being to be retained.

Darrell P. Kruger

Darrell P. Kruger
Provost and Executive Vice Chancellor

2/26/2016

Date

Bachelor of Science (BS)
Degree Code 710A
Non Teaching

Program of Study for
Department of Applied Design
Apparel Design & Merchandising

I. GENERAL EDUCATION **44**
 (ECO 2030 taken for the minor, and ADM 1000, and IND 2012 taken for the major may count in GEN ED: Liberal Studies Experience)

II. MAJOR REQUIREMENTS **66**

A minimum grade of "C" (2.0) is required in each major requirement and an overall cumulative 2.0 GPA is required to graduate. A minimum of 18 sh must be completed at Appalachian.

***Note: Students must pass ADM 2035 Sophomore Portfolio Review in the sophomore year to advance to upper level Apparel Design courses. Students must declare ADM major before registering for 3000 level courses.**

Introductory Courses (24 sh)

- ADM 1000 ___ (3) Apparel & Consumer Behavior (Gen Ed: Liberal Studies Experience; Social Science Designation)
- ADM 1200 ___ (3) Illustration I
- ADM 2000 ___ (3) Consumer Textiles
- ADM 2010 ___ (3) Survey of Fashion Merchandising (Prerequisite: ADM 1200)
- ADM 2020 ___ (3) Illustration II (ADM 1200, INT 1001, INT 1002)
- ADM 2030 ___ (3) Apparel Design Studio I (Prerequisites: INT 1001, INT 1002; Prerequisite/Corequisite ADM 2000)
- ADM 2035 ___ (0) Sophomore Portfolio Review (Prerequisites: INT 1001, INT 1002; ADM 1000, ADM 1200, ADM 2000, ADM 2010, ADM 2020, ADM 2030 and declared major in Apparel Design and Merchandising.)
- INT 1001 ___ (3) Visual Literacy I (Fall Only; or First Summer Only)
- INT 1002 ___ (3) Visual Literacy II (Prerequisite: INT 1001) (Spring Only; or Second Summer Only)

Apparel Design & Merchandising Courses (36 sh)

- ADM 2040 ___ (3) Apparel Design Studio II (Prerequisites: ADM 2030)
- ADM 3000 ___ (3) Styling for the Apparel Industry (Prerequisites: ADM2040, ADM 2035)
- ADM 3010 ___ (3) History of Apparel
- ADM 3030 ___ (3) Apparel Design Studio III (Prerequisites: ADM 2040, ADM 2035)
- ADM 3040 ___ (3) Visual Merchandising, Display & Promotion (Prerequisites: ADM 2035, ADM 2040)
- ADM 4010 ___ (3) Sustainability in the Apparel Industry (Prerequisite: ADM 2040, 2035)
- ADM 4020 ___ (3) Fashion Buying & Retail Math (Prerequisites: ADM2040, ADM 2035, ADM 3040)
- ADM 4030 ___ (3) Apparel Design Studio IV (CoReqs:ADM 4040; Prerequisites: ADM 2035 and ADM 3030)
- ADM 4040 ___ (3) Merchandise Mgt: Principles & Practices (Prerequisites: ADM 4020, ADM 4030)
- ADM 4400 ___ (1) Professional Seminar (WID) (Prerequisites: RC 2001 or its equivalent; senior standing; 35 hours of ADM courses or permission of instructor)
- ADM 4900 ___ (8) Internship (CAP) (Prerequisites: See the Undergraduate Bulletin and course description)

Other Related Areas (6 sh)

- ART 2601 ___ (3) Textile Design (Prerequisites: Declared Apparel Design major, or permission of the instructor)
- OR
- ART 2008 ___ (3) Fibers: Materials & Processes (Prerequisites: ART 1001 and ART 1003, or ART 1020 or ART 1021)
- IND 2012 ___ (3) Product Design (Gen Ed: Liberal Studies Experience; Fine Arts Designation)

III. MINOR REQUIRED IN MARKETING **18**

A minimum 2.0 GPA is required in the minor. 9 sh of the minor must be completed at Appalachian.
 (An alternate minor may be chosen in consultation with and approval by the program coordinator in Apparel Design & Merchandising)

IV. FREE ELECTIVES (to total a minimum of 122 sh) **2 - 3**

2 sh of free electives outside the major discipline (ADM) are required. **122 - 128**

Major & Minor Requirements that may count in Gen Ed:	
ADM 1000 (3)	Liberal Studies Experience; SSD
ECO 2030 (3)	Liberal Studies Experience; SSD
IND 2012 (3)	Liberal Studies Experience; FAD
Total Major Hours: 66	
Minus Gen Ed: - 9	
Net Major Hours: 57	

Minor in Apparel Design and Merchandising
Minor Code 710
Fall 2015 – Summer 2016 (proposed)

~~The minor in Apparel Design and Merchandising is open only to students not majoring in the Department of Applied Design.~~ Remove this statement.

I. REQUIRED COURSES: (6 SH)

- | | | | |
|-------|----------|--|-----|
| _____ | ADM 1000 | Apparel and Consumer Behavior (Gen Ed: LSE; SSD) | (3) |
| _____ | ADM 2000 | Consumer Textiles | (3) |

II. SELECT FOUR COURSES FROM THE FOLLOWING: (12 SH)

- | | | | |
|-------|---------------------|---|-----|
| _____ | ADM 1001 | Apparel Construction | (3) |
| | ADM 2030 | Apparel Design Studio I (Prerequisites: INT 1001, INT 1002; Pre-requisite/Co-requisite ADM 2000) | |
| _____ | ADM 2011 | Flat Pattern Design (Prerequisites: ADM 1001, ADM 2000) | (3) |
| | ADM 2040 | Apparel Design Studio II (Prerequisites: ADM 2030) | |
| _____ | ADM 2050 | CAD for Apparel Design & Merchandising (Prerequisites: ADM 1001, ADM 2000, ADM 2011) | (3) |
| | ADM 3030 | Apparel Design Studio III (Prerequisites: ADM 2040, ADM 2035) | |
| _____ | ADM 3002 | Apparel Design & Production (Co-requisite: ADM 4060; Prerequisites: ADM 2011, ADM 2050) | (3) |
| | ADM 4030 | Apparel Design Studio IV (Co-requisite: ADM 4040; Prerequisites: ADM 2035, ADM 3030) | |
| _____ | ADM 3003 | Fashion Merchandising (Prerequisite: ADM 2000) | (3) |
| | ADM 2010 | Survey of Fashion Merchandising (Prerequisite: ADM 1200) | |
| _____ | ADM 3010 | History of Apparel | (3) |
| _____ | ADM 3000 | Styling for the Apparel Industry (Prerequisites: ADM 2000, ADM 2002, ADM 2050, ADM 3003)
Prerequisites: ADM 2040, ADM 2035 | (3) |
| _____ | ADM 4002 | Visual Merchandising, Display & Promotion (Prerequisites: ADM 2002, ADM 3003) | (3) |
| | ADM 3040 | Visual Merchandising, Display & Promotion (Prerequisites: ADM 2040, ADM 2035) | |
| _____ | ADM 4003 | Fashion Buying and Retail Math (Prerequisites: ADM 3003, ACC 2100) | (3) |
| | ADM 4020 | Fashion Buying and Retail Math (Prerequisites: ADM 2040, ADM 2035, ADM 3040) | |

III. TOTAL HOURS FOR MINOR: 18

9 sh of the minor must be completed at Appalachian.

Bachelor of Science (BS)
Degree Code 576*
Concentration Code 576B
Non-Teaching

Program of Study for
Department of Applied Design
Industrial Design / Furniture Design Concen

I. GENERAL EDUCATION **44**
 (Math 1020 fulfills the Quantitative Literacy requirement. ART 2130 and IND 2012 for the major and ECO 2030 for the minor may count toward General Education Liberal Studies Experience).

II. MAJOR REQUIREMENTS **70**
A minimum grade of “C” (2.0) is required in each Applied Design Department course. 18 sh must be completed at Appalachian. Students must pass IND 2000 Sophomore Portfolio Review, and declare the IND major to advance to upper level courses.

Transfer students need to take a summer course sequence in order to be eligible for sophomore portfolio review in spring of their first full year (IND 1010, IND 2201, INT 1001 and INT 1002).

Junior Writing in the Discipline (WID) _____ & Senior Capstone Experience (CAP) _____ must be met.

Introductory Courses (29 sh)

- ART 2130 _____ (3) Art from 1400 to the Present (GEN ED: Liberal Studies Experience; Fine Arts Designation)
- IND 1010 _____ (3) CADD I: Imaging
- IND 2012 _____ (3) Product Design (Gen Ed: Liberal Studies Experience; Fine Arts Designation)
- IND 2201 _____ (3) Design Drawing I
- IND 2222 _____ (1) Laboratory Management, (Prerequisite: INT 1001)
- IND 2401 _____ (3) History of Furniture Design
- INT 1001 _____ (3) Visual Literacy I (Fall Only; or First Summer Only)
- INT 1002 _____ (3) Visual Literacy II (Prerequisite: INT 1001) (Spring Only; or Second Summer Only)
- INT 2310 _____ (3) History of Interior Design and Architecture II (Prerequisite: Completion of the Freshman Portfolio Review or permission of the instructor)
- MAT 1020 _____ (4) College Algebra (or higher) (Gen. Ed: Quantitative Literacy)

Materials & Processes (9 sh)

- IND 2120 _____ (3) Materials and Processes I
- IND 2311 _____ (3) Human Factors in Design
- IND 3120 _____ (3) Materials and Processes II (Prerequisite: IND 2000)

Furniture Design Courses (32 sh)

- IND 2000 _____ (0) Sophomore Portfolio Review (IND 1010, IND 2120, IND 2411 or IND 2421, and declared major in Industrial Design; ENG 2001 or it's equivalent)
- IND 2411 _____ (3) Introduction to Design Studio (Prerequisites: INT 1001, INT 1002, and IND 2201)
- IND 2421 _____ (3) Preliminary Design Studio (Prerequisites: INT 1001, INT 1002, and IND 2201)
- IND 2901 _____ (3) CADD II: Free Modeling (Prerequisite: IND 1010 or permission of the instructor)
- IND 3100** _____ (3) Furniture I (Prerequisite: IND 2000, IND 2401, RC 2001 or its equivalent) WID
- IND 3200 _____ (3) Furniture II (Prerequisite: IND 3100)
- IND 3901 _____ (3) CADD III: Parametric Modeling (Prerequisites: IND 2000)
- IND 4100 _____ (4) Furniture III (Prerequisite Prerequisites: GRA 3102, IND 2120, IND 2201, IND 3120, IND 3200, and a declared major in Industrial Design)
- IND 4110** _____ (4) Furniture IV (prerequisite: IND 4100) CAP
- IND 4811 _____ (3) Professional Practice in Industrial Design (Co-requisite: IND 4100 or IND 4701)
- IND 4900 _____ (3) Internship

III. MINOR REQUIRED IN MARKETING **18**
 9 sh of the minor must be completed at Appalachian State University. (ECO 2030 may count toward General Education: LSE)

IV. FREE ELECTIVES (taken to total 122 for the degree) **2-3**
2 sh free electives outside the major discipline are required **122 - 128**

Major Requirements that may count toward Gen Education:			
<u>MAT1020</u> (4)	Quantitative Literacy		
ART 2130 (3)	Liberal Studies Experience; Fine Arts Designation		
ECO 2030 (3)	Liberal Studies Experience; Social Science Designation		
IND 2012 (3)	Liberal Studies Experience; Fine Arts Designation		
Total Major Hrs:	70	Total Minor Hrs:	18
Gen Ed:	- 10	Gen Ed:	- 3
Net Major Hrs:	60	Total Minor Hrs:	15

Bachelor of Science (BS)
Degree Code 576*
Concentration Code 576C
Non-Teaching

Program of Study for
Department of Applied Design
Industrial Design / Product Design Concen

- I. GENERAL EDUCATION** 44
 (Math 1020 fulfills the Quantitative Literacy requirement. Art 2130 and IND 2012 taken for the major may count toward General Education in Liberal Studies Experience).
- II. MAJOR REQUIREMENTS** (Not including 4 semester hours already counted in I, above) 89
A minimum grade of “C” (2.0) is required in each Applied Design Department course. 18 sh must be completed at Appalachian.
Students must pass IND 2000 Sophomore Portfolio Review, and declare the IND major to advance to upper level courses.

Transfer students need to take a summer course sequence in order to be eligible for sophomore portfolio review in the spring of their first full year (IND 1010, IND 2201, INT 1001, and INT 1002).

Junior Writing in the Discipline (WID)_____ & Senior Capstone Experience (CAP)_____ must be met.

Introductory Courses (22 sh)

- ART 2130 _____ (3) Art from 1400 to the Present (Gen Ed: Liberal Studies Experience; Fine Arts Designation)
 IND 1010 _____ (3) CADD I: Imaging
 IND 2012 _____ (3) Product Design (Gen Ed: Liberal Studies Experience; Fine Arts Designation)
 IND 2201 _____ (3) Design Drawing I
 INT 1001 _____ (3) Visual Literacy I (Fall Only; or First Summer Only)
 INT 1002 _____ (3) Visual Literacy II (Prerequisite: INT 1001) (Spring Only; or Second Summer Only)
 MAT 1020 _____ (4) College Algebra (or higher) (Gen. Ed: Quantitative Literacy)

Materials & Processes and History (19 sh)

- IND 2120 _____ (3) Materials and Processes I
 IND 2222 _____ (1) Laboratory Management
 IND 2301 _____ (3) Model Making
 IND 2311 _____ (3) Human Factors in Design
 IND 2401 _____ (3) History of Furniture Design
 IND 3120 _____ (3) Materials and Processes II (Prerequisite: IND 2000)
 INT 2310 _____ (3) History of Interior Design and Architecture II (Prerequisite: Completion of the Freshman Portfolio Review or permission of the instructor)

Product Design Courses (39 sh)

- IND 2000 _____ (0) Sophomore Portfolio Review (Prerequisites: IND 1010, IND 2120, IND 2411 or IND 2421, and declared major in Industrial Design)
 IND 2411 _____ (3) Introduction to Design Studio (Prerequisites: INT 1001, INT 1002, and IND 2201)
 IND 2421 _____ (3) Preliminary Design Studio (Prerequisites: INT 1001, INT 1002, and IND 2201)
 IND 2901 _____ (3) CADD II: Free Modeling (Prerequisite: IND 1010 or permission of the instructor)
IND 3701 _____ (4) Product Design Studio I (**WID**) (Prerequisites: IND 2000, RC 2001 or its equivalent)
 IND 3711 _____ (4) Product Design Studio II (Prerequisite: IND 3701)
 IND 3901 _____ (3) CADD III: Parametric Modeling (Prerequisite: IND 2000)
 IND 4557 _____ (3) Design for Manufacture (Prerequisite: IND 2000)
 IND 4701 _____ (5) Product Design Studio III (Prerequisite: IND 3711)
IND 4711 _____ (5) Product Design Studio IV (Prerequisite: IND 4701) (CAP)
 IND 4811 _____ (3) Professional Practice in Industrial Design (Co-requisite: IND 4100 or IND 4701)
 IND 4900 _____ (3) Internship

Electives (9 sh) Chosen in consultation with IND advisor (See advisor for list of courses)

Recommended Electives

- IND 2321 _____ (3) Physical Principles for Designers
 IND 3911 _____ (3) Rapid Prototyping (Prerequisite: IND 2901)
 IND 2116 _____ (3) Ceramic Technology
 IND 3530 _____ (1-5) Selected Topics
 IND 3500 _____ (1-5) Independent Study
 International Studies & Foreign Languages Courses

III. MINOR – NOT REQUIRED

- IV. FREE ELECTIVES** (taken to total 125 for the degree) 2
 2 sh free electives outside the major discipline are required 125-128

Major Requirements that may count toward Gen. Ed.:	
Math 1020 (4)	Quantitative Literacy
ART 2130 (3)	Liberal Studies Experience; FAD
IND 2012 (3)	Liberal Studies Experience; FAD
Total Major Hrs:	89
Gen Ed:	-10
Net Major Hrs:	79

I. GENERAL EDUCATION 44
 (ART 2030 and ART 2130 taken for the major may also count toward General Education for Liberal Studies Experience).

II. MAJOR REQUIREMENTS 78
 (A minimum grade of "C" (2.0) is required in each ART course)

Junior Writing in the Discipline (WID) _____ & Senior Capstone Experience (CAP) _____ must be met.

Foundations Requirements (9 sh)

- ART 1001 _____ (3) Foundations I
- ART 1002 _____ (3) Foundations II
- ART 1003 _____ (3) Foundations Drawing

Portfolio Review _____

Seminar Requirements (9 sh)

- ART 1005 _____ (3) Studio Seminar I
- ART 3015 _____ (3) Studio Seminar II (Prerequisites: Portfolio Review; ART 1001, ART 1002, ART 1003 and ART 1005; ENG 2001 or its equivalent) (WID)
- ART 4351 _____ (3) Studio Seminar III (Prerequisites: ART 3015 and one of the following: ART 4300, 4301, 4307, 4308, 4309, 4325, 4326 taken before or concurrently with ART 4351 and 27 sh minimum of studio electives)

Art History (12 sh)

- ART 2030 _____ (3) Art from Pre-History to 1400 (Gen Ed: Liberal Studies Experience; Fine Arts)
- ART 2130 _____ (3) Art from 1400 to the Present (Gen Ed: Liberal Studies Experience; Fine Arts)

Select 6 sh, of which 3 sh must be designated WID:

- ART 2230 _____ (3) History of Graphic Design
- ART 3400 _____ (3) Women Artists (Prerequisite: RC 2001 or its equivalent)
- ART 3600 _____ (3) History of Modern Art (WID) (Prerequisite: ART 2130 or permission of the instructor; RC 2001 or its equivalent)
- ART 3610 _____ (3) Asian Art (Prerequisites: ART 2030 or ART 2130 or permission of the instructor; RC 2001 or its equivalent)
- ART 3630 _____ (3) African Art (WID) (Prerequisite: Sophomore standing or permission of the instructor; RC 2001 or its equivalent)
- ART 3650 _____ (3) Art of Late Antiquity (WID) (Prerequisite: ART 2030 or permission of the instructor; RC 2001 or its equivalent)
- ART 3700 _____ (3) Oceanic Art (WID) (Prerequisite: Sophomore standing or permission of the instructor; RC 2001 or its equivalent)
- ART 3705 _____ (3) Contemporary Art of Africa (WID) (Prerequisite: RC 2001 or its equivalent)
- ART 3710 _____ (3) Egyptian Art (WID) (Prerequisite: ART 2030 or permission of the instructor; RC 2001 or its equivalent)
- ART 3730 _____ (3) Native Arts of the Americas (Prerequisite: Sophomore standing or permission of the instructor; RC 2001 or its equivalent)
- ART 3750 _____ (3) History of Roman Art (WID) (Prerequisite: ART 2030 or permission of the instructor; RC 2001 or its equivalent)
- ART 3760 _____ (3) History of American Craft
- ART 3800 _____ (3) Art Since 1945 (WID) (Prerequisites: ART 2130 or permission of the instructor; RC 2001 or its equivalent)
- ART 3810 _____ (3) Photography and Culture (WID) (Prerequisite: ART 2130 or permission of the instructor; RC 2001 or its equivalent)
- ART 3820 _____ (3) History of Museums and Collecting (WID) (Prerequisite: ART 2130 or permission of the instructor; RC 2001 or its equivalent)
- ART 3530-3549 _____ (3) Selected Topics in Art History
- ART 4030 _____ (3) Seminar in Art Criticism & Theory (Prerequisite: ART 2030 and ART 2130 or permission of the instructor)
- ART 4040 _____ (3) Seminar in Art History (WID) (Prerequisites: ART 2030 and ART 2130 or permission of the instructor; RC 2001 or its equivalent)

Major requirements that may count toward Gen Ed:
 ART 2030 (3) Liberal Studies Experience; FAD
 ART 2130 (3) Liberal Studies Experience; FAD
 Total Major Hrs: 78
 Gen Ed: -6
 Net Major Hrs: 72

Studio Requirements (9 sh)

- ART 2103 _____ (3) Drawing II (Prerequisites: ART 1001 & ART 1003 or ART 1020 Or ART 1021)
- ART 2104 _____ (3) Digital Imaging (Prerequisites: ART 1001 and 1003, or ART 1020 & ART 1021 for declared Art Management majors)
- ART 4852 _____ (3) Senior Studio (CAP) (Prerequisite: ART 4351)

Studio Electives (39 sh) (see undergraduate bulletin for prerequisites)

Select 21 to 33 sh, including at least 12 sh taken in one studio area, including one course at the 4000 level. Observe prerequisites. Students wishing to complete an emphasis in a specific studio must take at least 18 sh and no more than 24 sh in that one studio area.

- | | |
|--|---|
| <ul style="list-style-type: none"> ART 2100 _____ (3) Painting I ART 3100 _____ (3) Painting II ART 3200 _____ (3) Painting III ART 4300 _____ (3) Special Topics Adv. Painting & Drawing ART 3103 _____ (3) Contemporary Issues: Adv. Drawing ART 2101 _____ (3) Sculpture I: Modeling & Casting ART 2201 _____ (3) Sculpture I: Carving & Construction ART 3201 _____ (3) Sculpture II: Contemporary Issues ART 4301 _____ (3) Special Topics in Adv. Sculpture ART 2025 _____ (3) Printmaking: Relief ART 2125 _____ (3) Printmaking: Screenprinting ART 3425 _____ (3) Printmaking Studio ART 4325 _____ (3) Special Topics in Adv. Printmaking ART 3410 _____ (3) Book Arts ART 2009 _____ (3) Metalsmithing & Jewelry Design I: Fabrication ART 3009 _____ (3) Metalsmithing & Jewelry Design II: Casting ART 3111 _____ (3) Metalsmithing & Jewelry Design II: Enamel ART 3109 _____ (3) Metalsmithing & Jewelry Design II: Holloware ART 3110 _____ (3) Metalsmithing & Jewelry Design II: CAD Jewelry ART 4309 _____ (3) Special Topics in Adv. Metalsmithing & Jewelry ART 2107 _____ (3) Clay I: Throwing ART 2007 _____ (3) Clay I: Handbuilding | <ul style="list-style-type: none"> ART 2040 _____ (3) Clay I: Moldmaking & Casting ART 2050 _____ (3) Clay: Methods & Materials ART 3107 _____ (3) Clay II: Throwing ART 3007 _____ (3) Clay II: Handbuilding ART 3040 _____ (3) Clay II: Moldmaking & Casting ART 4307 _____ (3) Special Topic in Advanced Clay ART 2008 _____ (3) Fibers: Materials & Processes ART 2602 _____ (3) Fibers: Weaving I ART 3017 _____ (3) Fibers: Weaving II ART 3208 _____ (3) Fibers: Surface Design ART 3308 _____ (3) Fibers: Structure ART 4308 _____ (3) Special Topics in Adv. Fibers ART 2026 _____ (3) Photographic Design I ART 3226 _____ (3) Photographic Design II ART 3050 _____ (3) Digital Photographic Design ART 3227 _____ (3) Special Topics in Photography ART 4326 _____ (3) Advanced Photo Design ART 1102 _____ (3) Introduction to Graphic Design ART 2302 _____ (3) Calligraphy ART 3530-3549 _____ (3) Selected Topics/Studio Art ART 2500/3500 _____ (3) Independent Study ART 2016 _____ (3) Introduction to Studio Art & Design (ADD) ART 2019 _____ (3) Art for Social Change (ADD) |
|--|---|

AND select 6 to 18 sh to total a minimum of 39 sh in Studio and Related Area Electives

- | | |
|--|--|
| <ul style="list-style-type: none"> ART 3013 _____ (1) Intro to NY/Washington Art Scene ART 3112 _____ (3) Art Exhibitions in Contemporary Culture ART 3140 _____ (3) Professional Practice: Studio Art ART 3521 _____ (1) Technical Assistant ART 3522 _____ (1-3) Research Assistant | <ul style="list-style-type: none"> ART 3520 _____ (1) Instructional Assistance (may be repeated) ART 3900 _____ (1-6) Internship: Field Experience ART 4012 _____ (3) Exhibitions Practicum ART 4900 _____ (1-12) Internship: Field Experience _____ (1-9) Others with advisor approval (excludes studios listed above) |
|--|--|

III. MINOR – NOT REQUIRED

IV. ELECTIVES (to total a minimum of 122 for this major) 2 - 6

2 SH of free electives outside the major discipline are required

Bachelor of Arts (BA)
 Degree Code 549*
 Concentration Code 549 C
 Non-Teaching

Program of Study for Art Majors
 Art and Visual Culture Major
 Studio Art Concentration

I. GENERAL EDUCATION 44
 (ART 2030 and ART 2130 taken for the major may count toward General Education for Liberal Studies Experience)

II. LANGUAGES, LITERATURES AND CULTURES (Completion of 6 sh at the *Intermediate level or higher) 6 - 12
 (LLC 1050 (ARB/CHN/FRE/GER/JPN/LAT/POR/RSN/SNH) may count toward Gen Ed: Liberal Studies Experience)
 *1040 (3) & *1050 (3) or *1060 (6); or higher level courses _____
Note: Languages, Literatures, and Cultures 1010 _____ & 1020 _____ or 1030 _____ are prerequisites for *intermediate level courses

III. MAJOR REQUIREMENTS 46
A minimum grade of "C" (2.0) is required in each ART course. 18 sh must be completed at Appalachian State University.
BA RULE: Students must not exceed 46 SH above General Education in the discipline ART.

Foundations Requirements (12 sh)

- ART 1001 (3) Foundations I
- ART 1002 (3) Foundations II
- ART 1003 (3) Foundations Drawing
- ART 1005 (3) Studio Seminar I

Portfolio Review _____

Art History (12 sh)

- ART 2030 (3) Art from Pre-History to 1400 (Gen Ed: Liberal Studies Experience; Fine Arts Designation)
- ART 2130 (3) Art from 1400 to the Present (Gen Ed: Liberal Studies Experience; Fine Arts Designation)
- ART 4030 (3) Seminar in Art Criticism & Theory (CAP) (Prerequisite: ART 2030 and ART 2130 or permission of the instructor)

Choose 3 sh to fulfill the Junior Writing in the Discipline requirement (WID):

- ART 3400 (3) Women Artists (Prerequisite: RC 2001 or its equivalent)
- ART 3600 (3) History of Modern Art (WID) (Prerequisite: ART 2130 or permission of the instructor; RC 2001 or its equivalent)
- ART 3630 (3) African Art (WID) (Prerequisite: Sophomore standing or permission of the instructor; RC 2001 or its equivalent)
- ART 3650 (3) Art of Late Antiquity (WID) (Prerequisite: ARST 2030 or permission of the instructor; RC 2001 or its equivalent)
- ART 3700 (3) Oceanic Art (WID) (Prerequisite: Sophomore standing or permission of the instructor; RC 2001 or its equivalent)
- ART 3705 (3) Contemporary Art of Africa (WID) (Prerequisite: RC 2001 or its equivalent)
- ART 3710 (3) Egyptian Art (WID) (Prerequisite: ART 2030 or permission of the instructor; RC 2001 or its equivalent)
- ART 3730 (3) Native Arts of the Americas (Prerequisite: Sophomore standing or permission of the instructor; RC 2001 or its equivalent)
- ART 3750 (3) History of Roman Art (WID) (Prerequisite: ART 2030 or permission of the instructor; RC 2001 or its equivalent)
- ART 3800 (3) Art Since 1945 (WID) (Prerequisites: ART 2130 or permission of the instructor; RC 2001 or its equivalent)
- ART 3810 (3) Photography and Culture (WID) (Prerequisite: ART 2130 or permission of the instructor; RC 2001 or its equivalent)
- ART 3820 (3) History of Museums and Collecting (WID) (Prerequisite: ART 2130 or permission of the instructor; RC 2001 or its equivalent)
- ART 4040 (3) Seminar in Art History (WID) (Prerequisites: ART 2030 and ART 2130 or permission of the instructor; RC 2001 or its equivalent)

Related Areas (4 sh)

- ART 2104 (3) Digital Imaging (Prerequisites: ART 1001 and ART 1003, or ART 1020 and ART 1021 for declared Art Management majors)

Select 1 sh from the following:

- ART 2500 (1) Independent Study (Prerequisite: permission of the Chairperson)
- ART 3013 (1) Intro to New York/Washington Art Scene (repeatable for up to 3 sh credit)
- ART 3500 (1) Independent Study (Prerequisite: permission of the Chairperson)
- ART 3520 (1) Instructional Assistance (repeatable for up to 3 hours credit)

Choose one of the following Concentrations:

504 C Studio Art Concentration (18 sh)

- ART 2103 (3) Drawing II

AND

Choose 15 sh from the following (ART 3227 or any 4000 level studio listed, Except 4326 may be repeated twice for a total of 9 sh barring duplication) (see catalog for prerequisites)

- | | |
|---|--|
| ART 1102 (3) Introduction to Graphic Design | ART 3900 (3) Internship: Field Experience |
| ART 2302 (3) Calligraphy | ART 2008 (3) Fibers: Materials & Processes |
| ART 2100 (3) Painting I | ART 2602 (3) Fibers: Weaving I |
| ART 3100 (3) Painting II | ART 3017 (3) Fibers: Weaving II |
| ART 3200 (3) Painting III | ART 3208 (3) Fibers: Surface Design |
| ART 4300 (3) Special Topics Adv. Painting & Drawing | ART 3308 (3) Fibers: Structure |
| ART 3103 (3) Contemporary Issues: Adv. Drawing | ART 4308 (3) Special Topics in Adv. Fibers |
| ART 2101 (3) Sculpture I: Modeling & Casting | ART 2026 (3) Photographic Design I |
| ART 2201 (3) Sculpture I: Carving & Construction | ART 3226 (3) Photographic Design II |
| ART 3201 (3) Sculpture II: Contemporary Issues | ART 3227 (3) Special Topics in Photography |
| ART 4301 (3) Special Topics in Adv. Sculpture | ART 4326 (3) Advanced Photo Design |
| ART 2025 (3) Printmaking: Relief | ART 3530-3549 (3) Selected Topics/Studio Art |
| ART 2125 (3) Printmaking: Screenprinting | ART 4012 (3) Exhibitions Practicum |
| ART 3425 (3) Printmaking Studio | ART 2107 (3) Clay I: Throwing |
| ART 4325 (3) Special Topics in Adv. Printmaking | ART 2007 (3) Clay I: Handbuilding |
| ART 3410 (3) Book Arts | ART 2040 (3) Clay I: Moldmaking & Casting |
| ART 2009 (3) Metalsmithing & Jewelry Design I: Fabrication | ART 3107 (3) Clay II: Throwing |
| ART 3009 (3) Metalsmithing & Jewelry Design II: Casting | ART 3007 (3) Clay II: Handbuilding |
| ART 3111 (3) Metalsmithing & Jewelry Design II: Enamel | ART 3040 (3) Clay II: Moldmaking & Casting |
| ART 3109 (3) Metalsmithing & Jewelry Design II: Holloware | ART 4307 (3) Special Topic in Advanced Clay |
| ART 3110 (3) Metalsmithing & Jewelry Design II: CAD Jewelry | ART 2016 (3) Introduction to Studio Art & Design |
| ART 4309 (3) Special Topics in Adv. Metalsmithing & Jewelry | ART 2019 (3) Art for Social Change |

Requirements that may count toward Gen Ed:			
ART 2030	(3)	Liberal Studies Experience; FAD	
ART 2130	(3)	Liberal Studies Experience; FAD	
LLC 1050	(3)	Liberal Studies Experience	
Total Major Hrs:		46	LLC Hrs: 6-12
Gen Ed:		- 6	Gen Ed: - 3
Net Major Hrs:		40	Net: 3-9

IV. MINOR REQUIRED 12 -24
9 sh of a minor must be completed at Appalachian

V. FREE ELECTIVES (to total 122 minimum for this major) 2 - 23
2 sh of free electives outside the major discipline are required. 122-128

Bachelor of Science (BS)
 Degree Code 583A
 Non-Teaching

Program of Study for
 Department of Art
 Commercial Photography

I. GENERAL EDUCATION 44
 (PHO 2032 taken for the major may be used in General Education in the Liberal Studies Experience)

II. MAJOR REQUIREMENTS 78
 (An overall 2.0 GPA is required in the major. 18 semester hours must be completed at Appalachian.)

Commercial Photography majors are required to submit a portfolio for review after completing or in the term of completion of PHO 1022, PHO 2022, PHO 2032 and PHO 2052. Only students who have passed the portfolio review will be admitted into upper level 3000 & 4000 courses.

Junior Writing in the Discipline ____ & Senior Capstone Experience ____ must be met.

Interdisciplinary Courses (15 sh)

- ART 1003 ____ (3) Foundations Drawing
- COM 2700 ____ (3) Foundations of Advertising

Choose two courses (6sh total) from:

- ACC 1050 ____ (3) Survey of Accounting, BUS 1050 ____ (3) Intro to Business, FIN 3010 ____ (3) Survey of Finance

Choose one course (3sh total) from:

- GRA 3512 ____ (3) Web Development for Graphic Communications, GRA 1012 ____ (3) Intro to Graphic Communication

Technical Specialization (53 48 sh)

A "C+" OR HIGHER IS REQUIRED IN EACH COURSE

- PHO 1022 ____ (3) Photographic Imaging I
- PHO 2022 ____ (3) Photographic Imaging II (Prerequisite: PHO 1022 or permission of the instructor)
- PHO 2032 ____ (3) History of Photography (Gen Ed: Liberal Studies Experience)
- PHO 2052 ____ (3) Form and Media in Photography (Prerequisite/Co-Requisite; PHO 2022)
- PHO 2062 ____ (3) Issues in Contemporary Photography (Prerequisite: PHO 2022)
- ~~PHO 3001 ____ (1) Shot of the Day (Prerequisites: PHO 2022 and Junior Standing)~~
- ~~PHO 3002 ____ (1) Junior Photography Portfolio (Prerequisites: PHO 2022 and Junior Standing)~~
- PHO 3012 ____ (3) Advanced Digital Photography (Prerequisite: PHO 2022)
- PHO 3032 ____ (3) View Camera (Prerequisite: PHO 2022)
- PHO 3042 ____ (3) Studio Photography (Prerequisite: PHO 2022 or permission of the instructor)
- PHO 3052 ____ (3) Video Production for Photographers (Prerequisites: PHO 3042 or permission of the instructor)
- PHO 3072 ____ (3) Editorial Photography (Prerequisites: PHO 3042 or permission of the instructor)
- PHO 3092** ____ (3) Professional Photographic Practices (**WID**) (CoReq/Prerequisite: PHO 3042; RC 2001 or its equivalent)
- ~~PHO 3552 ____ (1) Photographic Studio Management (Prerequisite: PHO 3042 and Junior or Senior Standing)~~
- ~~PHO 3553 ____ (1) Equipment Asset Management (Prerequisite: Junior or Senior Standing)~~
- ~~PHO 3554 ____ (1) Digital Lab Management (Prerequisite: Junior or Senior Standing)~~
- PHO 4402 ____ (3) Advanced Video Production for Photographers (Prerequisites: PHO 3052 or permission of the instructor)
- PHO 4412 ____ (3) Fashion and Beauty Portraiture (Prerequisite: PHO 3042 or permission of the instructor)
- PHO 4422 ____ (3) Product Photography (Prerequisites: PHO 3032 and PHO 3042)
- PHO 4432 ____ (3) Commercial Photographic Production (Prerequisites: PHO 3072 and either PHO 4412 or PHO 4422)
- PHO 4492** ____ (3) Photographic Portfolio (Prerequisite: Senior Standing) (**CAP**)

AND

Elective Courses (10 15-sh) Any combination from the courses listed

- PHO 3322 ____ (3) Documentary Photography
- PHO 3332 ____ (1-3) Field Experience in Commercial Photography (may be repeated barring duplication)
- PHO 3342 ____ (3) Methods & Materials in Commercial Photography (may be repeated barring duplication)
- PHO 4900 ____ (3-12) Internship
- C I 4552 ____ (3) Advanced Video Production
- C I 4770 ____ (3) Intermediate Photography and Digital Imaging
- C I 4810 ____ (3) Introduction to Sight and Sound
- C I 4840 ____ (3) Beginning Video Production
- GRA 4512 ____ (3) Advanced Electronic Imaging/Cross Media

Any ART Studio or ART History Course

Any COM course that completes a minor in Communication

Any BUS, FIN, MGT course that completes a minor in Business or Entrepreneurship

Major requirements that may count toward Gen Ed:	
PHO 2032 (3)	Liberal Studies Experience
Total Major Hours:	78
Gen Ed:	-3
Net Major Hours:	75

III. FREE ELECTIVES (to total a minimum of 122 sh for this major) 2-3
 2 sh of free electives outside the major discipline are required. 122-124

Bachelor of Science (BS)
 Degree Code 571A
 Non-Teaching

Program of Study for
 Dept. of Sustainable Tech & The Built Env.
 Sustainable Technology

I. GENERAL EDUCATION 44
 (MAT 1020 taken for the major fulfills Quantitative Literacy. Science sequence required for major fulfills Science Inquiry. Up to 15 hours of required/optional courses in the major count in Gen Ed as noted on this POS.)

II. MAJOR REQUIREMENTS 89 - 93
 An overall 2.0 GPA is required in the major. 18 semester hours must be completed at Appalachian.
 Junior Writing in the Discipline (WID) _____ & Senior Capstone Experience (CAP) _____ must be met.

General Education courses also “required” for the major

MAT 1020 _____ (4) **College Algebra with Applications** (or higher) (Prerequisite: must pass the math placement or MAT 0010)
 BIO 1201 _____, BIO 1202 _____ & BIO 1203 _____ or CHE 1101 _____ / 1110 _____ & CHE 1102 _____ / 1120 _____ or PHY 1103 _____ & PHY 1104 _____ (8)

Introductory Technology & Environmental Design Coursework (28 sh)

- IND 2110 _____ (3) Introduction to Fabrication
- TEC 1708 _____ (3) Construction Technology & Building Codes
- TEC 1728 _____ (3) Architectural Graphics & Computer Modeling (Pre/Coreq. TEC 1708)
- TEC 2029 _____ (3) Society & Technology (Gen Ed: ILE: Sustainability and Global Resources and Social Science designation)
- TEC 2601 _____ (3) Energy Issues & Technology (Gen Ed: Liberal Studies Experience)
- TEC 2718 _____ (3) Building Mechanical Systems
- TEC 3807 _____ (1) Construction Safety
- TEC 3638 _____ (3) Foundations of **Sustainable** Technology (WID) (Prerequisites: RC 2001 or its equivalent; TEC 2029 and TEC 2601 or permission of the instructor)

And select two courses from the following:

- GRA 1022 _____ (3) Electronic Document Design I
- IND 2012 _____ (3) Product Design (Gen Ed: Liberal Studies Experience and Fine Arts designation)
- IND 3004 _____ (3) Welding (Prerequisite: IND 2004)
- TEC 1023 _____ (3) Introduction to Electronics (Prerequisite: passing the math placement test or completion of MAT 0010)
- PHO 1022 _____ (3) Photographic Imaging I (Prerequisite: passing the math placement test or completion of MAT 0010)

Interdisciplinary Coursework (12 - 14sh from any 4 courses. See the Sustainable Technology Program Coordinator for complete list)

Recommended courses include:

- BIO 3312 _____ (3) Environmental Studies
- ECO 2620 _____ (3) Environmental & Resource Economics (Gen Ed: LSE; Social Science Designation)
- GHY 2812 _____ (3) Geospatial Data & Technology
- GHY 3820 _____ (3) GIS for Environmental & Social Sciences
- MGT 3010 _____ (3) Survey of Management
- PHL 2015 _____ (3) Environmental Ethics
(Gen Ed: ILE: Sustainability and Global Resources)
- PHY 1830 _____ (3) The Physical Principles of Energy & Sustainability
(Gen Ed: ILE: Sustainability & Global Resources)
- PHY 3140 _____ (3) Environmental Physics (Prerequisite: PHY 1104 or PHY 1151)
- PLN 2410 _____ (3) Town, City and Regional Planning (Liberal Studies Experience and Social Science Designation)
- S D 2400 _____ (3) Principles of Sustainable Development
(ILE: Sustainability and Global Resources)
- S D 3100 _____ (3) Principles of Agroecology
- S D 4100 _____ (4) Agroecology Practices, Systems & Philosophies
(Prerequisite: S D 3100 or permission of the instructor)

Major requirements that may count in Gen Ed:		
MAT 1020	(4)	Quantitative Literacy
SCIENCE	(8)	Science Inquiry
Up to 15 hours of ILE and LSE courses chosen from:		
ECO 2620	(3)	LSE
IND 2012	(3)	LSE; Fine Arts Designation
PLN 2410	(3)	LSE; ssd
TEC 2601	(3)	LSE
PHL 2015	(3)	ILE: Sustainability
S D 2400	(3)	ILE: Sustainability
TEC 2029	(3)	ILE: Sustainability; Social Science Designation
PHY 1830	(3)	ILE: Sustainability
Total Major Hrs:		89 - 93
Gen Ed – up to:		- 27
Net Major Hrs:		62 - 66

Technical Specialization (27 sh)

The following are required courses:

- TEC 4607 _____ (3) Wind and Hydro Power Technology (Prerequisite: TEC 1708, 1728, 2029, 2601, 2718, & TEC 3638 or permission of the instructor)
- TEC 4608 _____ (3) Photovoltaic System Design & Construction (Prerequisite: TEC 1708, 1728, 2029, 2601, 2718, & TEC 3638 or permission of the instructor)
- TEC 4628 _____ (3) Solar Thermal Energy Technology (Prerequisite: TEC 1708, 1728, 2029, 2601, 2718, & TEC 3638 or permission of the instructor)
- TEC 4711 _____ (3) Computer Modeling of Renewable Energy Systems (Prerequisite: TEC 2601 and TEC 3638 or permission of the instructor)

And select 15 sh from the following:

- TEC 3604 _____ (3) Sustainable Transportation (Prerequisites: TEC 2601 & TEC 3638, or permission of the instructor)
- TEC 3605 _____ (3) Sustainable Resource Management (Prerequisites: TEC 2029, or permission of the instructor)
- TEC 3606 _____ (3) Sustainable Water and Wastewater Technology (Prerequisites: TEC 2029, or permission of the instructor)
- TEC 3748 _____ (3) Building Science (Prerequisites: TEC 1708 and 2718 & MAT 1020 or higher, or permission of the instructor)
- TEC 4618 _____ (3) Sustainable Building Design & Construction (Prerequisite: TEC 1708 or permission of the instructor)
- TEC 4700 _____ (3) Biofuels Technology (Prerequisite: TEC 2601 and TEC 3638 or permission of the instructor)

Capstone (3 sh)

- TEC 4638 _____ (3) Contemporary Problems in **Sustainable** Technology (CAP) (“C” minimum required) (Prerequisite: TEC 4608 or permission of instructor)
- OR
- TEC 4900 _____ (3) Internship (CAP)

Technical Electives (7 -9 sh)

Any TEC courses, study abroad experience, Instructional Assistantship (**TEC 3520**) or Interdisciplinary courses listed above not already used elsewhere in the major. See the Sustainable Technology Program Coordinator for complete list of approved electives)

_____ (3) _____ (3) _____
 _____ (3) _____ (3) _____

III. MINOR NOT REQUIRED

IV. FREE ELECTIVES (to total a minimum of 122 sh for this major) 2-16
 2 sh of free electives outside the major discipline are required. 122

Bachelor of Science (BS)
Degree Code 577 *
Concentration 577 B
Non-Teaching

Program of Study for
Dept. of Sustainable Tech & the Built Env
Building Sciences
Architectural Technology and Design

I. GENERAL EDUCATION **44**
 (PHY 1103 & 1104 for the major fulfills Gen Ed: Science Inquiry. MAT 1020 for the major fulfills Quantitative Literacy. TEC 2029 may count in Gen Ed: ILE; IND 2012 and PLN 2410 may count in Gen Ed: LSE).

II. MAJOR REQUIREMENTS **88**
 (An overall 2.0 GPA is required in the major. 18 semester hours must be completed at Appalachian. Laptop computers are required).

Junior Writing in the Discipline (WID) _____ & Senior Capstone Experience (CAP) _____ must be met.

Foundation Coursework (15 sh) Minimum grade of “C-” in each course required

- MAT 1020 _____ (4) College Algebra with Applications (or higher) (Prerequisite: pass math placement or MAT 0010)
- TEC 2029 _____ (3) Society & Technology (Gen Ed: ILE: Sustainability & Global Resources; Social Sciences Designation)
- PHY 1103 _____ (4) General Physics I (Corequisite: MAT 1020 or MAT 1025 or equivalent) (Gen Ed: Science Inquiry)
- PHY 1104 _____ (4) General Physics II (Prerequisite: PHY 1103 or equivalent) (Gen Ed: Science Inquiry)

Introductory Coursework (27 sh) Minimum grade of “C” in each course required

- TEC 1708 _____ (3) Construction Technology & Building Codes
- TEC 1728 _____ (3) Architectural Graphics & Computer Modeling (Pre/Corequisite: TEC 1708)
- TEC 2718 _____ (3) Building Mechanical Systems
- TEC 2758 _____ (3) Surveying, Soils and Foundations (Prerequisite: MAT 1020)
- TEC 3038 _____ (3) Commercial Construction Technology (Prerequisite: MAT 1020, TEC 1708 and TEC 2758)
- TEC 3039 _____ (3) Materials Science
- INT 1001 _____ (3) Visual Literacy I
- INT 1002 _____ (3) Visual Literacy II (Prerequisite: INT 1001)
- INT 2310 _____ (3) History of Interior Design & Architecture II (Prerequisite: completion of Portfolio Review or permission of instructor)

Advanced Coursework (35 sh) Minimum grade of “C” in each course required

- INT 3001 _____ (1) Architecture and Design Internship Workshop (Prerequisite: completion of Freshman Portfolio Review or permission of the instructor)
 - INT 4320 _____ (2) Professional Practices in Design (Corequisite: INT 4110 or permission of the instructor)
 - TEC 3718 _____ (3) Construction Estimating (Prerequisite: MAT 1020 or higher, TEC 1708, 3038, knowledge of word processing & spreadsheets)
 - TEC 3728 _____ (3) Architectural Design Studio I (Prerequisites: TEC 1708, 1728 or permission of the instructor)
 - TEC 3738 _____ (3) Statics & Strength of Structures (Prerequisite: MAT 1025, PHY 1104, TEC 1708, 1728, 2758, 3039)
 - TEC 3748** _____ (3) Building Science (WID) (Prerequisite: TEC 1708, 2718, MAT 1020 or higher, or permission of the instructor: RC 2001 or its equivalent)
 - TEC 3758 _____ (3) Architectural Design Studio II (Prerequisite: TEC 3728)
 - TEC 4738 _____ (4) Architectural Design Studio III (Prerequisites: TEC 3748, 3758)
 - TEC 4748 _____ (4) Architectural Design Studio IV (Prerequisites: TEC 3038, 3718, 3738, 4738)
 - TEC 4758 _____ (3) Planning and Scheduling (Prerequisite: MAT 1025 or higher, TEC 1708, 2718, 3038, 3718)
- OR
- TEC 4768 _____ (3) Construction Administration (Prerequisite: MAT 1025 or higher, TEC 1708, 2718, 3038, 3718)
 - TEC 4900** _____ (6) Internship (**CAP**)

Major Electives (11 sh from the following)

- IND 2012 _____ (3) Product Design (Gen Ed: LSE; Fine Art Designation)
- IND 2110 _____ (3) Introduction to Fabrication
- IND 2201 _____ (3) Design Drawing I
- INT 2300 _____ (3) History of Interior Design & Architecture I (Prerequisite: completion of Portfolio Review or permission of instructor)
- PLN 2410 _____ (3) Town, City and Regional Planning (Gen Ed: LSE; Social Science Designation)
- PLN 3432 _____ (4) Planning Techniques
- PLN 3730 _____ (3) Land Use Regulations
- TEC 3035 _____ (1-3) Architectural Field Study
- TEC 3036 _____ (1-3) Construction Management Field Study
- TEC 3037 _____ (1-3) Sustainable Building Systems Field Study
- TEC 3520 _____ (1-3) Instructional Assistant
- TEC 3807 _____ (1) Construction Safety
- TEC 4618 _____ (3) Sustainable Building Design & Construction (Prerequisite: TEC 1708 and TEC 2718)
- _____ _____ (3) Other courses in the Dept. of Sustainable Tech & the Built Environ related to sustainability, planning, business or environmental topics approved by the program coordinator

Major requirements that may count toward Gen Ed:	
MAT <u>1020</u> (4)	Quantitative Literacy (fulfills)
PHY 1103 (4)	Science Perspective
PHY 1104 (4)	Science Perspective
TEC 2029 (3)	Integrative Learning Exp
IND 2012 (3)	Liberal Studies Exp; FA
PLN 2410 (3)	Liberal Studies Exp; SS
Total Major Hrs: 88	
Gen Ed: -21	
Net Major Hrs: 67	

III. MINOR NOT REQUIRED – Recommended minor in Community and Regional Planning

IV. FREE ELECTIVES (to total 122 sh for this major) **2 - 11**
 2 sh of free electives outside the major discipline are required **122**

Bachelor of Science (BS)
Degree Code 577 *
Concentration 577 C
Non-Teaching

Program of Study for
Dept. of Sustainable Tech & the Built Env
Building Sciences
Construction Management

I. GENERAL EDUCATION **44**
 (PHY 1103 & 1104 for the major fulfills Gen Ed: Science Inquiry. MAT [1020](#) for the major fulfills Quantitative Literacy. TEC 2029 may count in Gen Ed: ILE; ECO 2030, PLN 2410 and TEC 2601 may count in Gen Ed: LSE).

II. MAJOR REQUIREMENTS **88**
 (An overall 2.0 GPA is required in the major. 18 semester hours must be completed at Appalachian. Laptop computers are required).

Junior Writing in the Discipline (WID) _____ & Senior Capstone Experience (CAP) _____ must be met.

Foundation Coursework (15 sh) Minimum grade of “C-” in each course is required

- MAT [1020](#) _____ (4) [College Algebra with Applications](#) (or higher) (Prerequisite: pass math placement or MAT 0010)
- TEC 2029 _____ (3) Society & Technology (Gen Ed: ILE: Sustainability & Global Resources; Social Sciences Designation)
- PHY 1103 _____ (4) General Physics I (Corequisite: [MAT 1020](#) or equivalent) (Gen Ed: Science Inquiry)
- PHY 1104 _____ (4) General Physics II (Prerequisite: PHY 1103 or equivalent) (Gen Ed: Science Inquiry)

Introductory Coursework (18 sh) Minimum grade of “C” in each course is required

- TEC 1708 _____ (3) Construction Technology & Building Codes
- TEC 1728 _____ (3) Architectural Graphics & Computer Modeling (Pre/Corequisite: TEC 1708)
- TEC 2718 _____ (3) Building Mechanical Systems
- TEC 2758 _____ (3) Surveying, Soils and Foundations (Prerequisite: [MAT 1020](#))
- TEC 3038 _____ (3) Commercial Construction Technology (Prerequisite: [MAT 1020](#), TEC 1708, TEC 2758;)
- TEC 3039 _____ (3) Materials Science

Advanced Coursework (31 sh) Minimum grade of “C” in each course is required

- TEC 3718 _____ (3) Construction Estimating (Prerequisite: [MAT 1020](#) or higher, TEC 1708, 3038, knowledge of word processing & spreadsheets)
- TEC 3728 _____ (3) Architectural Design Studio I (Prerequisites: TEC 1708, 1728 or permission of the instructor)
- TEC 3738 _____ (3) Statics & Strength of Structures (Prerequisite: [MAT 1020](#), PHY 1103, TEC 1708, 1728, 2758, 3039)
- TEC 3748** _____ (3) Building Science ([WID](#)) (Prerequisite: TEC 1708, 2718, MAT 1020 or higher, or permission of the instructor; [RC 2001 or its equivalent](#))
- TEC 3807 _____ (1) Construction Safety
- TEC 4103 _____ (3) Leadership in Technical Settings
- TEC 4758 _____ (3) Planning and Scheduling (Prerequisites: [MAT 1020](#) or higher, TEC 1708, 2718, 3038, 3718)
- TEC 4768 _____ (3) Construction Administration (Prerequisite: [MAT 1020](#) or higher, TEC 1708, 2718, 3038, 3718 Co/Prerequisite TEC 4758)
- TEC 4778 _____ (3) Integration of Building Design & Construction Management (Prerequisite: TEC 3718, 3728, 3738, Co/Prereq: TEC 4758)
- TEC 4900** _____ (6) Internship (**CAP**)

Major Electives (15 sh from the following)

- | | |
|--|---|
| CIS 2050 _____ (3) Information Technology in the Organization | TEC 2601 _____ (3) Energy Issues & Technology (Gen Ed: LSE) |
| ECO 2030 _____ (3) Principles of Microeconomics (Gen Ed: LSE,SS) | TEC 3035 _____ (1-3) Architectural Field Study |
| FIN 3010 _____ (3) Survey of Finance PLN | TEC 3036 _____ (1-3) Construction Management Field Study |
| IND 2110 _____ (3) Introduction to Fabrication | TEC 3037 _____ (1-3) Sustainable Building Systems Field Study |
| INT 2300 _____ (3) History of Int. Design & Architecture I | TEC 3520 _____ (1-3) Instructional Assistant |
| INT 2310 _____ (3) History of Int. Design & Architecture II | TEC 4608 _____ (3) Photovoltaic System Design & Construction |
| MGT 3010 _____ (3) Survey of Management | (Prerequisites: TEC 1708 , TEC 1728 , TEC 2029 , TEC 2601 , TEC 2718 , and TEC 3638 or permission of the instructor.) |
| MKT 3050 _____ (3) Principles of Marketing (Preq: ECO 2030) | TEC 4618 _____ (3) Sustainable Bldg. Design & Construction |
| PLN 2410 _____ (3) Town, City & Regional Planning (Gen Ed: LSE,SS) | (Preq: TEC 1708, or permission of the instructor) |
| PLN 3432 _____ (4) Planning Techniques | TEC 4628 _____ (3) Solar Thermal Energy Technology |
| PLN 3730 _____ (3) Land Use Regulations | (Prerequisites: TEC 1708 , TEC 1728 , TEC 2029 , TEC 2601 , TEC 2718 , and TEC 3638 or permission of the instructor.) |
| _____ _____ (3) Other courses in the Dept. of STBE related to sustainability, planning, business, or environ. Topics approved by the program coordinator | TEC 4711 _____ (3) Comp. Model of Renew. Energy Prerequisite: TEC 3638 or permission of the instructor |
| | SNH 1010 _____ (3) Beginning Spanish I (Recommended) |
| | SNH 1020 _____ (3) Beginning Spanish II (Recommended) |
| | Or |
| | SNH 1030 _____ (6) Accelerated Beginning Spanish (Recommended) |

Interdisciplinary Course (9 sh)

- COM 2101 _____ (3) Public Speaking (“C” minimum required)
- LAW 2150 _____ (3) Legal Environment of Business
- ACC 1050 _____ (3) Survey of Accounting

Major requirements that may count toward Gen Ed:	
ECO 2030	(3) Liberal Studies Exp; SS
MAT 1020	(4) Quantitative Literacy
PHY 1103	(4) Science Perspective
PHY 1104	(4) Science Perspective
PLN 2410	(3) Liberal Studies Exp; SS
TEC 2029	(3) Integrative Learning Experience
TEC 2601	(3) Liberal Studies Exp
Total Major Hrs: 88	
Gen Ed: -24	
Net Major Hrs: 64	

III. MINOR NOT REQUIRED – Recommended minors are General Business or Community and Regional Planning

IV. FREE ELECTIVES **2 - 8**
2 sh of free electives outside the major discipline are required. **122**

Bachelor of Science (BS)
Degree Code 577 *
Concentration 577D
Non-Teaching

Program of Study for
Dept. of Sustainable Tech & The Built Env
Building Sciences
Sustainable Building Systems

I. GENERAL EDUCATION **44**
 (PHY 1103 & 1104 for the major fulfills Science Inquiry. [MAT 1020](#) fulfills Quantitative Literacy. TEC 2029, PHL 2015, PHY 1830 may count in Gen Ed: ILE; TEC 2601 and ECO 2620 may count toward Gen Ed: Liberal Studies Experience).

II. MAJOR REQUIREMENTS **87**
 (An overall 2.0 GPA is required in the major. 18 semester hours must be completed at Appalachian. Laptop computers are required).

Junior Writing in the Discipline (WID) _____ & Senior Capstone Experience (CAP) _____ must be met.

Foundation Coursework (15 sh) Minimum grade of “C-” in each course is required

- MAT [1020](#) _____ (4) [College Algebra with Applications](#) (or higher) (Prerequisite: pass math placement or MAT 0010)
- TEC 2029 _____ (3) [Society & Technology](#) (Gen Ed: Integrative Learning Experience: Sustainability & Global Resources; Social Sciences Designation)
- PHY 1103 _____ (4) [General Physics I](#) (Corequisite: [MAT 1020](#) or equivalent) (Gen Ed: Science Perspective)
- PHY 1104 _____ (4) [General Physics II](#) (Prerequisite: PHY 1103 or equivalent) (Gen Ed: Science Perspective)

Introductory Coursework (21 sh) Minimum grade of “C” in each course is required

- TEC 1708 _____ (3) [Construction Technology & Building Codes](#)
- TEC 1728 _____ (3) [Architectural Graphics & Computer Modeling](#) (Pre/Corequisite: TEC 1708)
- TEC 2601 _____ (3) [Energy Issues & Technology](#) (Gen Ed: Liberal Studies Experience)
- TEC 2718 _____ (3) [Building Mechanical Systems](#)
- TEC 2758 _____ (3) [Surveying, Soils and Foundations](#) (Prerequisite: [MAT 1020](#))
- TEC 3038** _____ (3) [Commercial Construction Technology](#) (Prerequisite: [MAT 1020](#), TEC 1708, TEC 2758)
- TEC 3039 _____ (3) [Materials Science](#)

Advanced Coursework (30 sh) Minimum grade of “C” in each course is required

- TEC 3718 _____ (3) [Construction Estimating](#) (Prerequisite: [MAT 1020](#) or higher, TEC 1708, 3038, knowledge of word processing & spreadsheets)
- TEC 3728 _____ (3) [Architectural Design Studio I](#) (Prerequisites: TEC 1708, 1728 or permission of the instructor)
- TEC 3738 _____ (3) [Statics & Strength of Structures](#) (Prerequisite: [MAT 1020](#), PHY 1103, TEC 1708, 1728, 2758, 3039)
- TEC 3748** _____ (3) [Building Science \(WID\)](#) (Prerequisite: TEC 1708, 2718, [MAT 1020](#) or higher, or permission of the instructor; [RC 2001 or its equivalent](#))
- TEC 4103 _____ (3) [Leadership in Technical Settings](#)
- TEC 4618 _____ (3) [Sustainable Building Design & Construction](#) (Prerequisite: TEC 1708 or permission of the instructor)
- TEC 4758 _____ (3) [Planning and Scheduling](#) (Prerequisite: [MAT 1020](#) or higher, TEC 1708, 2718, 3038, 3718)
- TEC 4788 _____ (3) [Integration of Energy and Building Systems](#) (Prerequisite: TEC 3718, 3728, 3748, 4618 or permission of the instructor)
- TEC 4900** _____ (6) [Internship \(CAP\)](#)

Major Electives (12 sh from the following)

- TEC 3035 _____ (1-3) [Architectural Field Study](#) (Prerequisite: TEC 3728 or permission of the instructor)
- TEC 3036 _____ (1-3) [Construction Management Field Study](#) (Prerequisite: TEC 3728 or permission of the instructor)
- TEC 3037 _____ (1-3) [Sustainable Building Systems Field Study](#) (Prerequisite: TEC 3728 or permission of the instructor)
- TEC 3520 _____ (1-3) [Instructional Assistant](#)
- TEC 3638 _____ (3) [Foundations of Sustainable Technology](#) (Prerequisites: TEC 2029 and TEC 2601, or permission of the instructor, and RC 2001 or its equivalent.)
- TEC 3807 _____ (1) [Construction Safety](#)
- TEC 4608 _____ (3) [Photovoltaic System Design & Construction](#) (Prereq: TEC 1708, TEC 1728, TEC 2029, TEC 2601, TEC 2718, TEC 3638 or permission of the instructor.)
- TEC 4628 _____ (3) [Solar Thermal Energy Technology](#) (Prerequisites: TEC 1708, TEC 1728, TEC 2029, TEC 2601, TEC 2718, and TEC 3638 or permission of the instructor.)
- TEC 4711 _____ (3) [Computer Modeling of Renewable Energy](#) (Prerequisites: TEC 2601 and TEC 3638 or permission of the instructor.)
- ACC 1050 _____ (3) [Survey of Accounting](#)
- LAW 2150 _____ (3) [Legal Environment of Business](#)
- PHY 3140 _____ (3) [Environmental Physics](#) (Prerequisite: PHY 1104 or 1154)
- _____ _____ (3) [Other courses in the Dept. of STBE related to sustainability or environmental topics approved by the program coordinator](#)

Interdisciplinary Course (9 sh)

- ECO 2620 _____ (3) [Environmental Resource Economics](#) (Gen Ed: Liberal Studies Experience; SSD)
- PHL 2015 _____ (3) [Environmental Ethics](#) (Gen Ed: ILE: Sustainability & Global Resources)
- PHY 1830 _____ (3) [Physical Principles of Energy & Sustainability](#) (Gen Ed: ILE: Sustainability & Global Resources)

Major requirements that may count toward Gen. Ed:		
MAT 1020	(4)	Quantitative Literacy (fulfills)
PHY 1103	(4)	Science Perspective
PHY 1104	(4)	Science Perspective
TEC 2029	(3)	ILE: Sustainability; SSD
TEC 2601	(3)	Liberal Studies Experience
PHL 2015	(3)	ILE: Sustainability
PHY 1830	(3)	ILE: Sustainability
ECO 2620	(3)	Liberal Studies Experience; SSD
Total Major Hrs:	87	
Gen Ed: up to	-27	
Net Major Hrs:	60	

III. MIONR NOT REQUIRED – Recommended minors are General Business or Community and Regional Planning

IV. FREE ELECTIVES **2 - 15**
2 sh of free electives outside the major discipline are required.

Sustainable Technology Minor (???)
Fall 2016 – Summer 2017

Miller, Mark H. 11/5/2015 11:06 AM

Deleted: Appropriate

Miller, Mark H. 11/5/2015 11:07 AM

Deleted: 544

Students not majoring in the Department of Sustainable Technology & the Built Environment may earn a minor in Sustainable Technology by completing the following **18 semester hours** of coursework. Nine semester hours must be completed at ASU.

Miller, Mark H. 11/5/2015 11:08 AM

Deleted: Technology & Environmental Design

Miller, Mark H. 11/5/2015 11:08 AM

Deleted: Appropriate

Miller, Mark H. 11/5/2015 11:08 AM

Deleted: 9

Required Courses: (6 s.h.)

___ TEC 2029	Society and Technology	(3)
___ TEC 2601	Energy Issues and Technology	(3)

Select any four of the following courses: (12 s.h.)

___ TEC 3604	Sustainable Transportation	(3)
___ TEC 3605	Sustainable Resource Management	(3)
___ TEC 3606	Sustainable Water and Wastewater Technology	(3)
___ TEC 4607	Wind and Hydro Power Technology	(3)
___ TEC 4608	Photovoltaic System Design and Construction	(3)
___ TEC 4618	Sustainable Building Design & Construction	(3)
___ TEC 4628	Solar Thermal Energy Technology	(3)
___ TEC 4638	Contemporary Problems in <u>Sustainable</u> Technology	(3)
___ TEC 4700	Biofuels Technology	(3)
___ TEC 4711	Computer Modeling of Renewable Energy Systems	(3)

Miller, Mark H. 11/5/2015 11:09 AM

Deleted: Appropriate

Bachelor of Science in Communication Sciences and Disorders (BS) 2016-2017
Beaver College of Health Sciences (BCHS)
Department of Communication Sciences and Disorders

Major Code 820A
 CIP Code 51.0201
 Non-Teaching

Interim Department Chair: Dr. Lauren Renkert
 828-262-7182
renkertle@appstate.edu
www.comdis.appstate.edu

General Education.....44

GPA Requirements: A minimum grade of 2.0 is required for each course in the major. Students must maintain a minimum cumulative GPA of 3.0 to take courses that require major admission.

Minimum Admission Requirements include: 45 semester hours completed (12 of these at ASU or with program director permission) with a minimum cumulative GPA of 3.2 and completion of prerequisite courses with a minimum grade of B or 3.0 in each of the following courses (transfer equivalency will be accepted, including AP or University Placement): CSD 2259, CSD 2260 and three semester hours of the general education science inquiry perspective requirement.

Major Requirements (that may also satisfy general education requirements)..... 10-11

STT 1810 ___ (3) or STT 2810 ___ (3) or STT 2820 ___ (4), *STT 2820 may satisfy Quantitative Literacy*
 BIO 1201 ___ (3) or BIO 1202 ___ (3)
 PHY 1812 ___ (4) or PHY 1814 ___ (4) or CHEM 1101/1110 ___ (4)

Major Requirements.....49

PSY 2210 ___ (3) Psychology of Human Growth and Development
 CSD 2259 ___ (3) Communication Disorders
 CSD 2260 ___ (3) Anatomy and Physiology of the Speech and Hearing Mechanism
 *CSD 2361 ___ (3) Phonetics
 *CSD 2464 ___ (3) Basic Speech and Hearing Science
 *CSD 2465 ___ (1) Basic Speech and Hearing Science Laboratory
 *CSD 3201 ___ (3) Language Disorders Across the Lifespan
 *CSD 3202 ___ (3) Speech Disorders Across the Lifespan
 *CSD 3350 ___ (3) Evaluating Research in Communication Sciences and Disorders (Writing in the Discipline)
 *CSD 3366 ___ (3) Communication Development
 *CSD 4162 ___ (3) Structural Analysis of Language
 *CSD 4364 ___ (3) Audiology
 *CSD 4662 ___ (3) Management of Hearing Disorders
 *CSD 4766 ___ (3) Neuroanatomy and Physiology
 *CSD 4850 ___ (3) Adult Language Disorders (Senior Capstone)

Electives in the Major - students are required to take 2 of the following courses (6s.h.):

CSD 3320 ___ (3) Cultural Diversity and Communication Disorders
 CSD 3340 ___ (3) Syndromes and Conditions with Associated Communication Disorders
 CSD 3368 ___ (3) American Sign Language I
 CSD 3370 ___ (3) American Sign Language II
 *CSD 4100 ___ (3) Introduction to Clinical Processes and Procedures

***Must be admitted to the undergraduate degree program to enroll in these courses**

Academic Interest Area.....15

(Selected with approval of advisor, minimum grade of 2.0 required for each course)

General Electives.....up to 14-11

TOTAL..... 122

2016-2017
MINOR IN COMMUNICATION SCIENCES AND
DISORDERS

Minor Code
820

College of Health Sciences (CHS) Department
of Communication Sciences and Disorders
CIP Code 51.0201

I. MINOR REQUIREMENTS..... 15

A cumulative GPA of 2.0 is required for courses in the minor.

REQUIRED COURSES (6 s.h.)

CSD 2259 ___ Communication Disorders (3)

CSD 2260 ___ Anatomy and Physiology of the Speech and Hearing Mechanism (3)

ELECTIVE COURSES: Choose three of the following courses (9 s.h.)

CSD 3320 ___ Cultural Diversity and Communication Disorders (3)

CSD 3340 ___ Syndromes and Conditions with Associated Communication Disorders (3)

CSD 3368 ___ American Sign Language I (3)

CSD 3370 ___ American Sign Language II (3)

Bachelor of Science in Exercise Science (BS)
 2016-2017
Beaver College of Health Sciences (BCHS)
Department of Health and Exercise Science

Major Code 567A
 Non-Teaching
 hes.appstate.edu

Director: TBA
 email: TBA
 phone: TBA

GENERAL EDUCATION44
MAJOR REQUIREMENTS.....89

Note: Up to 17 sh of the following courses may be counted in General Education. 18 sh must be completed at Appalachian

- MAT 1020____(4) OR above (Gen Ed: Quantitative Literacy) PSY 1200____(3) (Gen Ed: Liberal Studies Experience)
 CHE 1101____(3) & CHE 1110____(1) (Gen Ed: Sci. Inquiry) NUT 2202____(3) (2 sh Gen Ed: Wellness Literacy)
 CHE 1102____(3) & CHE 1120____(1) (Gen Ed: Sci. Inquiry)

A. Allied Core (12 sh)

- BIO 1801____(4) Biological Concepts I PHY 1103____(4) General Physics I PHY 1104____(4) General Physics II

A cumulative GPA of 2.5 based on at least 12 semester hours at Appalachian is required for declaration of the Exercise Science major. Students must be declared Exercise Science majors or minors prior to enrolling in 3000-level or higher ES courses.

B. Exercise Science Core (all courses required: 29 sh)

- ES 2002____(3) Introduction to Exercise Science ES 2032____(4) Human Anatomy & Physiology II
 ES 2005____(3) Introduction to Physiological Assessment ES 3002____(3) Exercise Physiology (WID)
 ES 2020____(3) Measurement & Evaluation in Exercise Science ES 3005____(3) Advanced Physiological Assessment (CAP)
 ES 2031____(4) Human Anatomy & Physiology I ES 3550____(4) Introduction to Biomechanics
 P E 1530-1889 activity courses____(1)____(1) [total of 2 sh]

C. Field Experience (3 sh required)

- ES 4050____(3) Practicum: Pre-professional OR ES 4060____(3) Practicum: Strength & Cond OR ES 3900____(3) Internship

D. Exercise Science Electives (9-12 sh required)

- | | |
|---|---|
| AT 1600____(3) Introduction to Athletic Training | ES 3350____(3) Introduction to Motor Behavior |
| ES 3500____(1-4) Independent Study | ES 3590____(3) Interprof Approach to Health & Physical Activity |
| ES 3600____(1) Team-Based Patient Care | ES 3700____(1) Professional Development in Exercise Science |
| ES 3900____(1-12) Internship | ES 4000____(3) Strength & Conditioning Theory and Practice* |
| ES 4100____(3) Advanced Topics in Exercise Science | ES 4200____(3) Exercise for Special Populations |
| ES 4300____(3) Environmental Physiology | ES 4400____(3) Technology in Exer Prescription & Programming |
| ES 4555____(3) Nutritional Aspects of Exercise & Sports | ES 4600____(3) Survey of Sports Performance* |
| ES 4620____(3) Cardiovascular Physiology* | ES 4625____(3) Concepts of Clinical Exercise Testing* |
| ES 4645____(3) Cardiopulmonary Pathophysiology & Rehab* | ES 4660____(3) Exer Prescript for Clinical Populations* |

*With instructor approval

E. Interdisciplinary Studies (15-18 sh required):

- | | |
|--|---|
| BIO 2400____(3) Genetics or BIO 2700 Human Genetics | BIO 2410____(1) Genetics Lab |
| BIO 2600____(3) Cell Biology | BIO 2610____(1) Cell Biology Lab |
| BIO 2700____(3) Human Genetics | BIO 3301____(4) Human Systems Physiology |
| BIO 3308____(4) Microbiology | BIO 3800____(4) Molecular Biology |
| BIO 4563____(3) Biology of Aging | BIO 4568____(4) Immunology |
| CHE 2101____(3) Fundamentals of Organic Chemistry | CHE 2102____(1) Fundamentals of Organic Chemistry Lab |
| CHE 2201____(3) Organic Chemistry I | CHE 2203____(1) Organic Chemistry I Lab |
| CHE 2202____(3) Organic Chemistry II | CHE 2204____(1) Organic Chemistry II Lab |
| CHE 4580____(3) Biochemistry I | CHE 4581____(1) Biochemistry I Lab |
| HCM 2110____(3) Introduction to Health System Organization | HCM 3130____(3) Managing Health Care Organizations |
| HP 3800____(3) Health Program Planning & Evaluation | HP 2200____(3) Lifestyle Disease & Risk Reduction |
| HP/HED 3100____(3) Emergency Care and CPR | HP 3200____(3) Health Risk Appraisal |
| HP 3700____(3) Health Behavior Change | HP 4400____(3) Weight Management |
| NUT 2202____(3) Nutrition & Health | NUT 3205____(3) Nutrition and the Life Cycle |
| NUT 4552____(1) Medical Terminology/Records | NUT 4553____(3) Medical Language for Health Professionals |
| PSY 2210____(3) Psychology of Human Growth & Development | PSY 2212____(3) Abnormal Psychology |
| PSY 2700____(3) Behavior Change | PSY 3216____(3) Biological Psychology |
| PSY 3653____(3) Health Psychology | PSY 4562____(3) Psychology of Adulthood & Aging |
| SOC 3100____(3) Gerontology (Gen Ed: Liberal Studies Experience) | |

Note: Minors in Biology, Chemistry, Health Care Management, Health Promotion, Nutrition, or Psychology may fulfill the Interdisciplinary Studies requirement as long as a minimum of 15 hours are completed

MINOR NOT REQUIRED

FREE ELECTIVES 6-9

Note: 2 sh of free electives outside the major discipline are required

General Education Courses taken for the major – Up to 17
TOTAL 122

Bachelor of Science in Exercise Science (BS)
Pre-professional Concentration

2016-2017

Beaver College of Health Sciences (BCHS)
Department of Health and Exercise Science

Major Code 567*
Concentration Code 567B
Non-Teaching

Director:
email
phone
hes.appstate.edu

GENERAL EDUCATION **44**

MAJOR REQUIREMENTS..... **89**

Note: Up to 17 sh of the following courses may be counted in General Education. 18 sh must be completed at Appalachian.

MAT 1020____(4) OR above (Gen Ed: Quantitative Literacy) PSY 1200____(3) (Gen Ed: Liberal Studies Experience)
CHE 1101____(3) & CHE 1110____(1) (Gen Ed: Sci. Inquiry) NUT 2202____(3) (2 sh Gen Ed: Wellness Literacy)
CHE 1102____(3) & CHE 1120____(1) (Gen Ed: Sci. Inquiry)

A. Allied Core (12 sh)

BIO 1801____(4) Biological Concepts I PHY 1103____(4) General Physics I PHY 1104____(4) General Physics II

A cumulative GPA of 3.3 based on a minimum of 12 semester hours at Appalachian, and a B minimum in ES 2031/2032, and a B- minimum in CHE 1101/1102 and BIO 1801 is required for acceptance into the Pre-professional concentration and must be maintained to remain in the concentration. Students must be declared Exercise Science majors or minors prior to enrolling in 3000-level or higher ES courses.

B. Exercise Science Core (all courses required: 29 sh)

ES 2002____(3) Introduction to Exercise Science ES 2032____(4) Human Anatomy & Physiology II
ES 2005____(3) Introduction to Physiological Assessment ES 3002____(3) Exercise Physiology (WID)
ES 2020____(3) Measurement & Evaluation in Exercise Science ES 3005____(3) Advanced Physiological Assessment (CAP)
ES 2031____(4) Human Anatomy & Physiology I ES 3550____(4) Introduction to Biomechanics
P E 1530-1889 activity courses____(1)____(1) [total of 2 sh]

CONCENTRATION (30 sh):

C. Field Experience (3 sh required)

ES 4050____(3) Practicum: Pre-professional

D. Biological Sciences (minimum 3 sh required)

BIO 2400____(3) Genetics or BIO 2700 Human Genetics BIO 2410____(1) Genetics Lab
BIO 2600____(3) Cell Biology BIO 2610____(1) Cell Biology Lab
BIO 2700____(3) Human Genetics BIO 3301____(4) Human Systems Physiology
BIO 3308____(4) Microbiology BIO 3800____(4) Molecular Biology
BIO 4563____(3) Biology of Aging BIO 4568____(4) Immunology

E. Physical Sciences (minimum 4 sh required)

CHE 2101____(3) Fundamentals of Organic Chemistry CHE 2102____(1) Fundamentals of Organic Chemistry Lab
CHE 2201____(3) Organic Chemistry I CHE 2203____(1) Organic Chemistry I Lab
CHE 2202____(3) Organic Chemistry II CHE 2204____(1) Organic Chemistry II Lab
CHE 4580____(3) Biochemistry I CHE 4581____(1) Biochemistry I Lab

F. Psychological Sciences (minimum 6 sh required)

PSY 2210____(3) Psychology of Human Growth & Development PSY 2212____(3) Abnormal Psychology
PSY 2700____(3) Behavior Change PSY 3216____(3) Biological Psychology
PSY 3653____(3) Health Psychology PSY 4562____(3) Psychology of Adulthood & Aging

G. Interdisciplinary Studies (minimum 3 sh required)

AT 1600____(3) Introduction to Athletic Training ES 3350____(3) Introduction to Motor Behavior
ES 3500____(1-4) Independent Study ES 3590____(3) Interprof Approach to Health & Physical Activity
ES 3600____(1) Team-Based Patient Care ES 3700____(1) Professional Development in Exercise Science
ES 3900____(1-12) Internship ES 4100____(3) Advanced Topics in Exercise Science
ES 4200____(3) Exercise for Special Populations ES 4300____(3) Environmental Physiology
ES 4400____(3) Technology in Exer Prescription & Programming ES 4555____(3) Nutritional Aspects of Exercise & Sports
HCM 2110____(3) Introduction to Health System Organization HCM 3130____(3) Managing Health Care Organizations
HP 3800____(3) Health Program Planning & Evaluation HP 2200____(3) Lifestyle Disease & Risk Reduction
HP/HED 3100____(3) Emergency Care and CPR HP 3200____(3) Health Risk Appraisal
HP 3700____(3) Health Behavior Change HP 4400____(3) Weight Management
NUT 2202____(3) Nutrition & Health NUT 3205____(3) Nutrition and the Life Cycle
NUT 4552____(1) Medical Terminology/Records NUT 4553____(3) Medical Language for Health Professionals
SOC 3100____(3) Gerontology (GenEd: Liberal Studies Experience)

***Note: Other interdisciplinary electives may be taken with advisor approval**

MINOR NOT REQUIRED

FREE ELECTIVES..... **6-9**

Note: 2 sh of free electives outside the major discipline are required

General Education Courses taken for the major **– Up to 17**

TOTAL **122**

Bachelor of Science in Exercise Science (BS)

Clinical Exercise Physiology Concentration

2016-2017

Beaver College of Health Sciences (BCHS)

Department of Health and Exercise Science

Major Code 567*
Concentration Code 567E
Non-Teaching

Director:
email
phone
hes.appstate.edu

GENERAL EDUCATION **44**
MAJOR REQUIREMENTS..... **89**

Note: Up to 17 sh of the following courses may be counted in General Education. 18 sh must be completed at Appalachian.

MAT 1020____(4) OR above (Gen Ed: Quantitative Literacy) PSY 1200____(3) (Gen Ed: Liberal Studies Experience)
CHE 1101____(3) & CHE 1110____(1) (Gen Ed: Sci. Inquiry) NUT 2202____(3) (2 s.h. Gen Ed: Wellness Literacy)
CHE 1102____(3) & CHE 1120____(1) (Gen Ed: Sci. Inquiry)

A. Allied Core (12 sh)

BIO 1801____(4) Biological Concepts I PHY 1103____(4) General Physics I PHY 1104____(4) General Physics II

A cumulative GPA of 2.5 based on at least 12 semester hours at Appalachian is required for declaration of the Exercise Science major. Students must be declared Exercise Science majors or minors prior to enrolling in 3000-level or higher ES courses.

B. Exercise Science Core (all courses required: 29 sh)

ES 2002____(3) Introduction to Exercise Science ES 2032____(4) Human Anatomy & Physiology II
ES 2005____(3) Introduction to Physiological Assessment ES 3002____(3) Exercise Physiology (WID)
ES 2020____(3) Measurement & Evaluation in Exercise Science ES 3005____(3) Advanced Physiological Assessment (CAP)
ES 2031____(4) Human Anatomy & Physiology I ES 3550____(4) Introduction to Biomechanics
P E 1530-1889 activity courses____(1)____(1) [total of 2 sh]

CONCENTRATION (30 sh):

C. Field Experience (6 sh required)

ES 3900____(6) Internship

D. Clinical Exercise Physiology (all courses required: 9 sh)

ES 4620____(3) Cardiovascular Physiology ES 4625____(3) Concepts of Clinical Exercise Testing
ES 4645____(3) Cardiopulmonary Pathophysiology & Rehabilitation

E. Interdisciplinary Studies (15 sh required):

BIO 4563____(3) Biology of Aging ES 3350____(3) Introduction to Motor Behavior
ES 3500____(1-4) Independent Study ES 3590____(3) Interprof Approach to Health & Physical Activity
ES 3600____(1) Team-Based Patient Care ES 3700____(1) Professional Development in Exercise Science
ES 3900____(1-6) Internship ES 4200____(3) Exercise in Special Populations
ES 4300____(3) Environmental Physiology ES 4660____(3) Exercise Prescript for Clinical Populations
HP 2200____(3) Lifestyle Disease & Risk Reduction HP/HED 3100____(3) Emergency Care and CPR
HP 3700____(3) Health Behavior Change NUT 3205____(3) Nutrition and the Life Cycle
NUT 4552____(1) Medical Terminology/Records NUT 4553____(3) Medical Language for Health Professionals
PSY 3653____(3) Health Psychology PSY 4562____(3) Psychology of Adulthood & Aging
SOC 3100____(3) Gerontology (Gen Ed: Liberal Studies Experience)

***Note: Other interdisciplinary electives may be taken with advisor approval**

MINOR NOT REQUIRED

FREE ELECTIVES **6-9**

Note: 2 sh of free electives outside the major discipline are required

General Education Courses taken for the major **– Up to 17**

TOTAL **122**

**Bachelor of Science in Exercise Science (BS)
Strength and Conditioning Concentration**

2016-2017

**Beaver College of Health Sciences (BCHS)
Department of Health and Exercise Science**

Major Code 567*
Concentration Code 567D
Non-Teaching

Director:
email
phone
hes.appstate.edu

GENERAL EDUCATION **44**
MAJOR REQUIREMENTS..... **89**

Note: Up to 17 sh of the following courses may be counted in General Education. 18 sh must be completed at Appalachian.

MAT 1020____(4) OR above (Gen Ed: Quantitative Literacy) PSY 1200____(3) (Gen Ed: Liberal Studies Experience)
CHE 1101____(3) & CHE 1110____(1) (Gen Ed: Sci. Inquiry) NUT 2202____(3) (2 s.h. Gen Ed: Wellness Literacy)
CHE 1102____(3) & CHE 1120____(1) (Gen Ed: Sci. Inquiry)

A. Allied Core (12 sh)

BIO 1801____(4) Biological Concepts I PHY 1103____(4) General Physics I PHY 1104____(4) General Physics II

A cumulative GPA of 2.5 based on at least 12 semester hours at Appalachian is required for declaration of the Exercise Science major. Students must be declared Exercise Science majors or minors prior to enrolling in 3000-level or higher ES courses.

B. Exercise Science Core (all courses required: 29 sh)

ES 2002____(3) Introduction to Exercise Science ES 2032____(4) Human Anatomy & Physiology II
ES 2005____(3) Introduction to Physiological Assessment ES 3002____(3) Exercise Physiology (**WID**)
ES 2020____(3) Measurement & Evaluation in Exercise Science ES 3005____(3) Advanced Physiological Assessment (**CAP**)

ES 2031____(4) Human Anatomy & Physiology I ES 3550____(4) Introduction to Biomechanics
P E **1530**-1889 activity course (1) PE 1754____(1) [total of 2 sh]

CONCENTRATION (30 sh):

C. Field Experience (3 sh required)

ES 4060____(3) Practicum: Strength and Conditioning

D. Strength and Conditioning (all courses required: 15 sh)

ES 4000____(3) Strength and Conditioning Theory and Practice AT 1600____(3) Introduction to Athletic Training
ES 4555____(3) **Nutritional Aspects of Exercise & Sports** HPE 4002____(3) Psychological Aspects of Sport
ES 4600____(3) Survey of Sports Performance

E. Interdisciplinary Studies (12 sh required):

ES 3350____(3) Introduction to Motor Behavior ES 3500____(1-4) Independent Study
ES 3700____(1) Professional Development in Exercise Science ES 3900____(1-12) Internship
ES 4100____(3) Advanced Topics in Exercise Science ES 4200____(3) Exercise for Special Populations
ES 4400____(3) Technology in Exer Prescription & Programming HPE 3010____(3) Coaching Principles
HPE 4320____(3) Nutrition and Health-Related Fitness PE 1769____(3) Personal Trainer Training
~~NUT 2202____(3) Nutrition and Health~~ NUT 3205____(3) Nutrition and the Life Cycle
SOC 2700____(3) Sociology of Sport

***Note: Other interdisciplinary electives may be taken with advisor approval**

MINOR NOT REQUIRED

FREE ELECTIVES **6**

Note: 2 sh of free electives outside the major discipline are required

General Education Courses taken for the major - Up to 17
TOTAL **122**

Bachelor of Science in Health Promotion (BS)

~~2015-16~~ **2016-2017**

Beaver College of Health Sciences (bCHS)

Department of Health and Exercise Science

Revised: ~~8/13/15~~ **1/13/2016**

Major Code 509A
CIP Code 51.2207
Non-Teaching

Director: Dr. Alan Utter
828-262-3094
utterac@appstate.edu
hes.appstate.edu

GENERAL EDUCATION..... 44

Note: Up to 2013 sh of the following courses may be counted in General Education:

BIO 1201/1202 and 1203 _____ (8) **OR** CHE 1101/1110 and 1102/1120 _____ (8)

~~SOC 1000 _____ (3)~~

SOC 1110 _____ (3)

NUT 2202 _____ (2)

~~MAT 1025 _____ (4) (required ONLY if an Exercise Science Minor is pursued)~~

MAJOR REQUIREMENTS 7877

*GPA Requirement: An overall 2.0 GPA is required in the major
18 sh must be completed at Appalachian.*

8 sh from one of the following science sequences:

BIO 1201/1202 and 1203 _____ (Gen Ed: Sci. Inq.)

OR

CHE 1101/1110 and 1102/1120 _____ (Gen Ed: Sci. Inq.)

SOC 1000 _____ (3) The Sociological Perspective (Gen Ed: Liberal Studies Experience theme: H&S: Individual and Society)

~~SOC 1110 _____ (3) Marriage & Family Relations~~

NUT 2202 _____ (3) Nutrition and Health (Gen Ed: Wellness Literacy, 2sh)

~~MAT 1025 _____ (4) Algebra & Elementary Function (required ONLY if an Exercise Science Minor is pursued)
(Gen Ed: Quantitative Literacy)~~

H P 2000 _____ (3) Introduction to Public Health

~~H P 2100 _____ (3) Health Program Planning & Evaluation (WID)~~

H P 2200 _____ (3) Lifestyle Disease & Risk Reduction

H P 3000 _____ (3) Fitness in Health Promotion

HP/HED 3100_ (3) Emergency Care & CPR

H P 3130 _____ (3) Environmental Health

H P 3200 _____ (3) Health Risk Appraisal

H P 3700 _____ (3) Health Behavior Change

H P 3800 _____ (3) Health Program Planning and Evaluation (WID)

H P 4100 _____ (3) Biostatistics

H P 4200 _____ (3) Principles of Epidemiology (Prerequisite: HP 4100)

H P 4300 _____ (3) Smoking Cessation/Alcohol Treatment Program

H P 4400 _____ (3) Weight Management (Prerequisite: NUT 2202)

H P 4600 _____ (3) Public Health Policy

H P 4701 _____ (3) Seminar in Health Promotion (Prerequisite: HP 3200)

H P 4800 _____ (3) Health Promotion Interventions (Prerequisite: HP ~~2138~~00 and Senior Standing) H P 4900 _____ (6) Internship (CAP) (Senior Standing)

COM 2101 _____ (3) Public Speaking (C minimum)

C S 1410 _____ (2) Introduction to Computer Applications (Prerequisite: passing Math placement or MAT 0010)

E S 2030 _____ (4) Concepts in Human Anatomy and Physiology (Prerequisite: BIO 1201/1203 or BIO 1801 or

CHE 1101/1110)

SOC 3100 _____ (3) Gerontology (Gen Ed: Liberal Studies Experience)

Minor Requirements (minimum # of required hours)..... 15

NOTE: Each minor differs in number of hours and requirements.

Minor must be approved by an advisor.

9 sh of a minor must be completed at Appalachian

Free Electives (to total a minimum of 122 sh)..... 52

Note: 2 sh of free electives outside the major discipline are required.

General Education courses taken for the major - Up to 2016

TOTAL 122

20164-20175 Check Sheet for MINOR IN HEALTH PROMOTION

Minor Code 509

Beaver College of Health Sciences (BCHS)
CIP Code 51.2207

I. MINOR REQUIREMENTS 17

A cumulative GPA of 2.0 is required for courses in the minor.

Health Promotion (HP) Courses 14

- H P 1105 ____ (2) Health and Fitness
- H P 382100 ____ (3) Health Program Planning and Evaluation+
- H P 2200 ____ (3) Lifestyle Disease and Risk Reduction
- H P 3700 ____ (3) Health Behavior Change
- H P 4300 ____ (3) Smoking Cessation/Alcohol Treatment Programs

Other Related Areas 3

- NUT 2202 ____ (3) Nutrition and Health

Note:

Eight (8) Semester Hours in Sequence of Biology or Chemistry are required for the completion of this minor.

2016 – 2017 MINOR IN NUTRITION AND FOODS

Minor Code 840

**Beaver College of Health Sciences (CHS)
CIP Code 51.3101**

I. MINOR REQUIREMENTS 18

A cumulative GPA of 2.0 is required for courses in the minor.

Required Nutrition (NUT) Courses 3

NUT 2202 ____ (3) Nutrition and Health (F,S)

Five or Six of the Following Courses 15

- NUT 1202 ____ (3) Basic Food Science (F,S)
- NUT 2201 ____ (2) Foods and Nutrition for Children (F,S)
- NUT 2203 ____ (3) Organization and Management in Food Service (S)
- NUT 2351 ____ (3) Global Nutrition: Emerging Health Challenges (F,S)
- NUT 3202* ____ (3) Food Purchasing and Production Management (F)
- NUT 3205* ____ (3) Nutrition and the Life Cycle (F)
- NUT 3400* ____ (3) Cultural Foods (S)
- NUT 4300 ____ (3) Effective Rural Practice for Health Professionals (S)
- NUT 4509* ____ (3) Quantity Food Production (F,S)
- NUT 4540* ____ (3) Diet and Public Health (On Demand)
- NUT 4552 ____ (1) Medical Terminology/Records (S)
- NUT 4553 ____ (3) Medical Language for Health Professionals (S)
- NUT 4555* ____ (3) Nutritional Aspects of Exercise and Sports (F,S)
- NUT 4560* ____ (3) Community Nutrition (S)

Students should plan carefully to complete the Minor in Nutrition and Foods. Not all courses are offered each semester and many courses have prerequisites, which are listed below. The semester(s) each course is offered is noted in parentheses after the title of the course. Note that all courses are 3 credits except NUT 2201 and NUT 4552. Credit for either NUT 4552 or NUT 4553 may be used to fulfill requirements for the Minor.

<u>*Courses with prerequisites</u>	<u>Prerequisites</u>
NUT 3202	ACC 1050, NUT 1202, and NUT 2203
NUT 3205	NUT 2202, HP 4100 OR STT 2810, and Biology Recommended
NUT 3400	NUT 2202
NUT 4509	NUT 3202
NUT 4540	NUT 2202
NUT 4555	ES 2000 or equivalent, ES 2010 and ES 3450. Pre-or co-requisites: CHE 2101 (or CHE 2201) and CHE 2203
NUT 4560	NUT 2202, NUT 3205

2016-2017 MINOR IN RECREATION MANAGEMENT (Proposed)

Minor Code 575

Beaver College of Health Sciences (CHS)
Department of Recreation Management and Physical Education
CIP Code 31.0301

I. MINOR REQUIREMENTS..... 20

A cumulative GPA of 2.0 is required for courses in the minor.

Recreation Management (R M) Courses 20

R M 2110 ____ (3) Introduction to Recreation and Leisure (with a minimum grade of "C")

R M 2410 ____ (3) Recreation Program Planning (Prerequisite: Completion of 2110)

R M 3900 ____ (3) Recreation Practicum (Prerequisite: completion of a minimum of 9 semester hours of RM credits that include: RM 2110 (with a minimum grade of "C"); RM 2410; and 3 additional semester hours; or approval of the instructor)

_____ () Elective (list):

_____ () Elective (list):

_____ () Elective (list):

_____ () Elective (list):

_____ () Elective (list):

_____ () Elective (list):

Student Signature

Date

Advisor Signature

Date

Recreation Management Area Director Signature

Date

**2016-2017
Minor Program of Study**

**Minor in Medical Humanities
605/30.9999
THE HONORS COLLEGE**

Minor Code:

Minor

Requirements.....15

Students are required to apply to participate in the Minor in Medical Humanities. A 3.3 overall GPA is required at time of application and must be maintained to graduate with the minor.

Applications must be submitted to the Minor in Medical Humanities Committee (MMHC) for review and approval. Any student, regardless of major, may apply, and students accepted into the minor may take any Honors College courses that are offered for the minor.

Medical Humanities Requirements: 3 semester hours				
PHL	3015		(3)	Medical Ethics
Medical Humanities Electives: 12 hours				
ANT	1430		(4)	Our Primate Heritage
ANT	2230		(3)	Biological Anthropology
ANT	4255		(3)	Ethnobotany: Plants, People and Culture
ANT	3300		(3)	Human Osteology
ANT	3660		(3)	Medical Anthropology
COM	2131		(3)	Health Communication §
COM	3131		(3)	Health Communication in Interpersonal Settings
COM	3132		(3)	Health and Mass Media
ECO	3610		(3)	Economics of Health Care
FCS	4611		(3)	The Hospitalized Child
HCM	2110		(3)	Introduction to Health System Organization
HCM	4910		(3)	Health Law & Policy
HP	4200		(3)	Principles of Epidemiology
PSY	3216		(3)	Biological Psychology
PSY	3653		(3)	Health Psychology
PSY	4562		(3)	Psychology of Adulthood and Aging
PHL	3600		(3)	Philosophy of Science
SOC	3100		(3)	Gerontology
SOC	3600		(3)	Medical Sociology
SW	4555		(3)	Death, Dying, and Living
			(3)	Independent Study (as approved by MMHC)

Additional, relevant courses may be offered as Selected Topics by departments or as HON courses from the Honors College. Such courses may be included for the minor with approval of the Minor in Medical Humanities Committee (Director of the Honors College, Director of Health Professional Advising, three contributing faculty members, one each from three of the departments listed above). Examples of such courses that have been offered previously include: Ancient Medicine; Chinese Medicine; Personal and Family Health.

Founding MMHC members:

Leslie Sargent Jones (Director, The Honors College), Celeste Crowe (Director of Health Professional Advising), Jennifer Gray (COM), Linda Holliday (HIS), Susan Roggenkamp (HCM)

Current Members: Leslie Sargent Jones (Director, The Honors College), Celeste Crowe (Director of Health Professions Advising), Eric Karchmer (Philosophy and Religion), Jennifer Gray (Communications), Lucinda McCray (History)

Bachelor of Science (BS)
Degree Code 214*
Concentration Code 214J

Program of Study for Chemistry Majors
CHEMISTRY
SECONDARY EDUCATION LICENSURE

I. CORE CURRICULUM.....44

CHE 1101, 1110, 1102, 1120, and MAT 1110 will fulfill General Education requirements.

II. PROFESSIONAL EDUCATION REQUIREMENTS..... 24

A minimum grade of C is required in each professional education course. CI 2300 & FDN 2400 are required prior to admission to Teacher Educ.

CI 2300	_____ (2)	Teaching and Learning in the Digital Age (<i>Entry course to teacher education</i>)	
FDN 2400	_____ (2)	Critical Perspectives on Teaching and Learning (<i>Pre or Co: CI 2300</i>) (<i>Entry course to teacher education</i>)	
PSY 3010	_____ (3)	Psychology Applied to Teaching (<i>Pre or Co: CI 2300</i>)	PROFICIENCIES:
SPE 3300*	_____ (3)	Creating Inclusive Learning Communities (<i>Pre: CI 2300, FDN 2400, PSY 3010</i>)	Reading _____
CI 3400*	_____ (2)	Policies and Practice in Educational Assessment (<i>Pre: CI 2300, FDN 2400, PSY 3010</i>)	English _____
CI 4900	_____ (12)	Student Teaching [CAP] (<i>All courses in professional core must be completed with grades of C (2.0) or higher prior to student teaching, along with other courses (including methods and reading) identified within the major.</i>)	

*Admission to Teacher Education required.

NOTE: To be admitted to the Teacher Education Program students must take and satisfy testing requirements for Reading, Writing and Math areas of the PRAXIS (PPST or CBT). The PRAXIS II Area Exams are required for student teaching.

III. MAJOR REQUIREMENTS (Not including 12 s.h. already counted in I, above) 5452

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

A. Chemistry (32 semester hours)

CHE 1101/1110	_____ (4)	Introductory Chemistry I & Lab
CHE 1102/1120	_____ (4)	Intro Chemistry II & Lab (<i>Pre: CHE 1101 & 1110; Co: 1120</i>)
CHE 2210	_____ (3)	Quantitative Analysis (<i>Pre: CHE 1102 & 1120; Co: 2211</i>)
CHE 2211	_____ (1)	Quantitative Analysis Lab (<i>Co: CHE 2210</i>)
CHE 3000	_____ (1)	Introduction to Chemical Research (<i>Pre: CHE 2101 or 2202; 2210</i>)
CHE 3301	_____ (3)	Physical Chemistry I (<i>Pre: CHE 2210 & 2211; MAT 1120; PHY 1151</i>)
CHE 3303	_____ (1)	Physical Chemistry I Laboratory [WID] (<i>Pre: RC 2001; Pre/Co: CHE 3301</i>)
CHE 3404	_____ (3)	Inorganic Chemistry (<i>Pre: CHE 2101 & 2102 or 2202 & 2204; CHE 2210 & 2211</i>)
CHE 3521	_____ (1)	Secondary Science Field Experience (<i>Pre: Jr/Sr standing</i>)

Experience as a tutor through the Learning Assistance Program or the Supplemental Instruction Program is strongly recommended.

CHOOSE ONE GROUP OF 11 semester hours:

CHE 2101	_____ (3)	Fundamentals of Organic Chemistry (<i>Pre: CHE 1102 & 1120; Co: 2102</i>)
CHE 2102	_____ (1)	Fundamentals of Organic Chemistry Lab (<i>Pre: CHE 1102 & 1120; Co: 2101</i>)

Plus 7 semester hours of chemistry courses (CHE 4580, Biochemistry I is recommended) _____

OR

CHE 2201	_____ (3)	Organic Chemistry I (<i>Pre: CHE1102 & 1120; Co: 2203</i>)
CHE 2203	_____ (1)	Organic Chemistry I Lab (<i>Pre: CHE 1102 & 1120; Co: 2201</i>)
CHE 2202	_____ (3)	Organic Chemistry II (<i>Pre: CHE 2201 & 2203 w/minimum grade "C-"; Co: CHE 2204</i>)
CHE 2204	_____ (1)	Organic Chemistry II Lab (<i>Pre: CHE 2201 & 2203 w/grade "C-"; Co: CHE 2202</i>)

Plus 3 semester hours of chemistry courses (CHE 4580, Biochemistry I is recommended) _____

B. Physics (10 semester hours)

PHY 1150	_____ (5)	Analytical Physics I (<i>Co: MAT 1110</i>)
PHY 1151	_____ (5)	Analytical Physics II (<i>Co: MAT 1120</i>)

C. Mathematics (8 semester hours)

MAT 1110	_____ (4)	Calculus with Analytic Geometry I (<i>Pre: MAT 1025 w/min grade C-</i>)
MAT 1120	_____ (4)	Calculus with Analytic Geometry II (<i>Pre: MAT 1110 w/min grade C-</i>)

D. Education (5-6 semester hours) Minimum "C" grade is required in both these courses.

G S 4403	_____ (3)	Teaching Science in Middle and High Schools [WID] (<i>Pre: RC 2001</i>)
G GS 4404	_____ (3)	The Meaning & Nature of Science [WID] (<i>Pre: RC 2001</i>)
R-E 4630	_____ (2)	Reading in the Content Areas

E. Other Science (8 semester hours)

BIO 1801	_____ (4)	Biological Concepts I (<i>Co: CHE 1101</i>)
GLY 1101	_____ (4)	Introduction to Physical Geology

IV. MINOR (optional)

V. ELECTIVES (taken to total 122 hours for the degree)23

2 semester hours of free electives must be outside the major discipline.

Bachelor of Arts (BA)
Degree Code 250 *
Concentration Code 250E

Program of Study for Interdisciplinary Studies
INDIVIDUALLY DESIGNED

Student Name: _____

Date _____

I. GENERAL EDUCATION44

Courses taken for General Education credit MAY NOT be used to satisfy requirements for the major, under III.
If required courses have been taken for core curriculum credit, select alternatives in consultation with your IDS advisor.

II. LANGUAGE (Completion of 6 s.h. at the *intermediate level, or higher - Spanish recommended)6

_____ 1040 _____ and 1050 _____ or 1060; or higher level courses _____

*NOTE: Foreign language 1010 and 1020 (or 1030) are prerequisites for the intermediate level courses.

FL 1050 or 1060 may be used in General Education Liberal Studies Experience.

III. MAJOR REQUIREMENTS..... 39 45-46

2. 0 major GPA is required for graduation. Major GPA calculation will include all courses taken in fulfillment of the major requirements.
Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian. No more than 46
semester hours of IDS courses may be counted toward the BA Degree.

A. Required IDS Core (15- 21 -22sh):

IDS 3000 (3) Histories of Knowledges [WID] (Pre: RC 2001)

IDS 3150 (3) Interdisciplinary Praxis

IDS 4550 (3) Senior Seminar [CAP] (Pre/Co: IDS 3000; Sr. standing)

IDS Electives (6 sh at or above 3000 level): _____

IDS 2001 (3) Interdisciplinary Connections I

IDS 3001 (2) Interdisciplinary Connections II [WID] (Pre: RC 2001; IDS 2001; Co: one methods course, listed below)

IDS 4001 (1) Interdisciplinary Connections III [CAP] (Pre: IDS 3001; 11 sh of IDS courses)

Methods Course: Choose one of the following (3-4 sh)

ANT 3410 (3) Qual Methods in Anthropology

CJ/PS 3115 (4) Research Methods

COM 3100 (3) Interviewing Methods

ENG 3000 (3) Approaches to Literary Studies (Pre: RC 2001)

HIS 2800 (3) Writing History (Pre: RC 2001)

Other methods course (program director approval required) (3-4)

IDS 3210 (3) Exploring the Documentary Form

GHY/PLN 3800 (3) Introduction to Quantitative Methods

PLN 3432 (3) Planning Techniques (Pre: PLN 2410, GHY/PLN

2812, RC 2001)

SOC 3885 (3) Research Methods I (Pre: SOC 1000; 3 add'l sh

SOC; RC 2001)

STT 2820 (4) Reasoning with Statistics

Major Elective Courses (12 s.h)

6 sh Required IDS at or above 3000 level

6 sh from GLS, GWS, or IDS

B. Required:

A CLEAR DEFENSIBLE STATEMENT OF GOALS explaining why such goals can be best met through interdisciplinary means.

C. Required (24 sh):

AN APPROVED "PROGRAM OF STUDY CONTRACT"

This contract will consist of a minimum of 24 semester hours selected from two or more disciplines with at least 12 semester hours at the
3000 level or above; at least 1 credit approved experiential education (internship, study abroad, instructional asst., etc.). The contract
may be changed, but only with the approval of the IDS advisor and the IDS program director. A copy of the approved contract must be on
file in the College of Arts & Sciences Dean's Office.

Table with 6 columns: Course, Hours, Course, Hours, Course, Hours. It contains three rows of blank lines for student input.

IV. MINOR REQUIRED.....12-21

Minimum of 9 semester hours of courses taken to fulfill minor requirements must be courses offered by Appalachian.

V. ELECTIVES (taken to total 122 hours for the degree) 12-24 5-15

2 semester hours of free electives must be outside the major discipline.

~~2015-2016~~**2016-2017 PROPOSED**

Minor Program of Study

Non-Profit Management Minor

Minor Code 609

Required hours: 18 hours

I. Required Courses (~~9-6~~ semester hours)

COM 3620	_____ (3)	Principles of Fund Raising
IDS 2450	_____ (3)	Introduction to Not-For-Profit Organizations
MKT 3050	_____ (3)	Principles of Marketing (Pre: ECO 2030; Jr. Standing)

II. Choose one (3 semester hours)

COM 3317	_____ (3)	Social Media Strategies
IDS 3050	_____ (3)	Social Media and Community Engagement
MKT 3050	_____ (3)	Principles of Marketing (Pre: ECO 2030; 57 hours completed)

III. Choose one (3 semester hours)

COM 3152	_____ (3)	Communication in Organizations
MGT 3630	_____ (3)	Introduction to Organizational Behavior (Pre: 57 hours completed)
PSY 3207	_____ (3)	Organizational Psychology (Pre: PSY 1200*)

*Prerequisite may be waived. Contact the IDS Office.

IV. Choose one (3 semester hours)

ACC 1050	_____ (3)	Survey of Accounting
ACC 2100	_____ (3)	Principles of Accounting I (Pre: completion of 24 semester hours of college credit)
GLS 3475	_____ (3)	Cooperative Economies

V. ~~Internship with a non-profit organization (in the student's major department)~~ Experiential Learning (choose 3 semester hours)

~~Internship proposals must be fully approved by the Director of the Interdisciplinary Studies Program~~

IDS 3900	_____ (3)	Internship Internship proposal must be fully approved by the Chair of Cultural, Gender, & Global Studies and must be with a non-profit organization. A total of 120-150 hours work in the field will be required.
IDS 3500	_____ (3)	Independent Study (must focus on applied research in non-profit sector)
_____	_____ (3)	Approved Service Learning--designated course, at 2000 level or higher

~~Optional Internship information:--~~

~~300 hours = 6 semester hours and 21 semester hour total for the minor
(This is for students accepted to work with NC ACTS/Americorps Program. The program includes a \$1000 educational stipend. Subject to continued availability of funds from Americorps via NC Campus Compact.)~~

If you have questions, contact the ~~Interdisciplinary Studies Program at 828-262-4089~~ Department of Cultural, Gender, & Global Studies at 828-262-3178.

A minimum of 9 hours must be 'in residence,' i.e. courses taken through ASU (can include study abroad, ASU online courses, etc.).

Bachelor of Science (BS)
Degree Code 121*
Concentration Code 121B

Program of Study for Science Majors
ENVIRONMENTAL PROFESSIONAL

I. GENERAL EDUCATION CURRICULUM.....44
CHE 1101 & 1110 & CHE 1102 & 1120 fulfills Science Inquiry. MAT 1110 fulfills Quantitative Literacy requirement.

II. MAJOR REQUIREMENTS (Not including 12 s.h. already counted in I, above)..... 76

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

A. Science Core Requirements: 53 semester hours

BIO 1801 ____ (4) Biological Concepts I (Co: CHE 1101)	CHE 1101/1110 ____ (4) Introductory Chemistry I & Lab
BIO 1802 ____ (4) Biological Concepts II (Pre: BIO 1801 w/min grade of C)	CHE 1102/1120 ____ (4) Intro Chemistry II & Lab (Pre: CHE 1101 & 1110)
CHE 2101/2102 ____ (4) Fund. Of Org Chem & Lab (Pre: CHE 1102 & 1120)	OR CHE 2201/2203 ____ (4) Organic Chem I & Lab (Pre: CHE 1102 & 1120)
ENV 1010 ____ (3) Intro to Environmental Sci & Engineering	GLY 1104 ____ (4) Water: Mountains to Sea
MAT 1110 ____ (4) Calc w/Analytic Geometry I (Pre: MAT 1025 w/min grade C-)	GLY 2250 ____ (4) Evolution of the Earth (Pre: GLY 1101/2/3/4/5)
MAT 1120 ____ (4) Calc w/Analytic Geometry II (Pre: MAT 1110 w/min grade C-)	PHY 1150 ____ (5) Analytical Physics I (Co: MAT 1110)
STT 3850 ____ (4) Statistical Data Analysis (Pre: MAT 1110)	PHY 1151 ____ (5) Analytical Physics II (Co: MAT 1120)

B. Required Environmental Courses: 17 semester hours (A writing course [WID] must be taken in the Junior year.)

BIO 3302 ____ (4) Ecology (Pre: BIO 1801)	ENV 3100 ____ (1) Issues in Environmental Science [WID] (Pre: RC 2001)
GHY 3812* ____ (3) Introduction to GIS (Pre: GHY 2310, 2812; see dept)	
GLY 3131 ____ (3) Geochemistry (Pre: GLY 2250, CHE 1101, MAT 1110)	OR CHE 2550 ____ (3) Intro to Env'l Chem (Pre: CHE 2101 & 2102 or 2201 & 2203)
GLY 4630 ____ (3) Hydrogeology (Pre: 6 s.h. GLY ≥ 2000; Jr stndg)	PLN 4460 ____ (3) Environmental Policy & Planning (Pre: Sr. Standing)

C. Concentration Courses: 12 semester hours (Must choose at least 1 course from Science category and at least 2 courses from Professional category.)

Science

ENV 3010 ____ (3) Dynamics of Complex Systems (Pre: BIO 1802, CHE 2101 or 2201, GLY 2250, PHY 1151)
 ENV 3560 ____ (1-3) Undergraduate Research (By permit only.)
 ENV 3530-49 ____ (1-4) Selected Topics
 CHE 2202/2204 ____ (4) Organic Chemistry II & Lab (Pre: CHE 2201 & 2203 w/min grade of "C-" in each)
 CHE 2210/2211 ____ (4) Quantitative Analysis & Lab (Pre: CHE 1102 & 1120)
 C S 1445 ____ (4) Introduction to Programming with Interdisciplinary Applications (Pre: MAT 1020 or 1025 w/min grade C-)
 GHY 3110* ____ (3) Vegetation, Soils, & Landforms (Pre: GHY 1010)
 GHY 3310 ____ (3) Environmental Remote Sensing
 GHY 4812 ____ (3) Advanced GIS (Pre: GHY 3812; Sr. standing)
 GHY 4814 ____ (3) Principles of GeoComputation (Pre: GHY 3812; Sr. standing)
 GLY 3150* ____ (3) Principles of Structural Geology & Tectonics (Pre: GLY 2250, 2745)
 GLY 3333 ____ (3) Geomorphology (Pre: 6s.h.GLY)
 GLY 3800 ____ (3) Sedimentology & Stratigraphy (Pre: GLY 2250)
 GLY 4705 ____ (3) Advanced Environmental & Engineering Geology (Pre: 6 s.h. GLY ≥ 2000; Jr. standing)
 ENV/GLY 3455 ____ (3) Quantitative Data Analysis for Earth & Environmental Scientists (Pre: GLY 2250, MAT 1110, PHY 1150)
 PHY/GLY 3160 ____ (3) Introduction to Geophysics (Pre: 1 intro GLY course; PHY 1103/1150; MAT 1110)
 PHY 3140 ____ (3) Environmental Physics (Pre: PHY 1104 or 1151)
 PHY 3150 ____ (3) Atmospheric Physics (Pre: PHY 1151)
 PHY 3230* ____ (3) Thermal Physics (Pre: PHY 1104 or 1151; MAT 2130)
 PHY 3850/3851 ____ (4) Environucleonics & Lab (Pre: PHY 1104 or 1151)
 PHY 4330 ____ (3) Digital Electronics (Pre: Sr. standing)
 GLY or PHY or CHE or BIO 3530-49 (1-4) Selected Topics _____
 All BIO courses at the 2000-level and above*; except those listed above, and except for BIO 3500, BIO 3520, BIO 3521, BIO 4011, BIO 4518, BIO 4519, BIO 4900, BIO 4910 _____

Professional

COM 3117 ____ (3) Environmental Communication	IDS 3010 ____ (3) H2O: We are Water
<u>ENV 3110</u> ____ (3) Environmental Regulations & Enforcement	PLN 3730* ____ (3) Land Use Regulations (Pre: PLN 2410)
ENV 4900 ____ (1-12) Internship Environmental Sci (Pre: Jr stndg; may only count 3 hours towards major)	P S 4670 ____ (3) Environmental Politics
ECO 4621 ____ (3) Env. Economics & Policy (Pre: ECO 2030 or 2620; min grade C in WID; Sr standing)	

*Pre-/Co- requisite is not included in the 123 hours required for the degree. Students may count these hours in AREA II.D. and/or AREA IV or seek instructor permission.

D. Science Electives: 3 semester hours _____

E. Environmental Science Capstone Course: Choose at least 3 semester hours (Pre: Senior Standing)

ENV/GLY 4110 ____ (3) Environmental Management & Impact Analysis [CAP – for ENV only] (Pre: ENV 3100 or GLY 3703; and GHY 3812)
 ENV 4510 ____ (1-3) Senior Honors Research & Thesis [CAP] (Pre: ENV 3560; ENV majors only; 3.45+ GPA cum and in ENV courses)

III. MINOR (optional)

IV. ELECTIVES (taken to a minimum of 123 hours for the degree)3
2 semester hours of free electives must be outside the major discipline

I. GENERAL EDUCATION CURRICULUM 44

Chemistry 1101/1110 & 1102/1120 fulfill the Science Inquiry. MAT 1110 fulfills Quantitative Literacy.

II. MAJOR REQUIREMENTS (not including 12 hours counted in Area I, above) ~~73-74~~76

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

A. Geology (31 semester hours):

Choose one 1000-level geology course:

- | | | | |
|-------------------|--|-------------------|-------------------------|
| GLY 1101_____ (4) | Introduction to Physical Geology | GLY 1104_____ (4) | Water: Mountains to Sea |
| GLY 1102_____ (4) | Introduction to Historical Geology | GLY 1105_____ (4) | Oceanography |
| GLY 1103_____ (4) | Environmental Change, Hazards, & Resources | | |

- GLY 2250 _____ (4) Evolution of the Earth (Pre: GLY 1101, 1102, 1103, 1104, or 1105)
- GLY 2745 _____ (4) Preparation of Geologic Reports [WID] (Pre: RC 2001; GLY 2250)
- GLY 3150 _____ (3) Principles of Structural Geology and Tectonics (Pre: GLY 2250, 2745)
- GLY 3220 _____ (3) Fundamentals of Mineralogy (Pre: GLY 2250)
- GLY 3715 _____ (3) Petrology and Petrography (Pre: CHE 1101 & 1110; GLY 2250, 2745, 3220)
- GLY 3800 _____ (3) Sedimentology and Stratigraphy (Pre: GLY 2250)
- GLY 4210 _____ (1) Geology Seminar [CAP] (Pre: Senior Standing)
- GLY 4835 _____ (6) Summer Field Geology or other approved field course (Pre: GLY 3150, 3715, 3800)

B. Quantitative Geoscience concentration (~~15-18~~ semester hours)

- GLY 3131 _____ (3) Geochemistry (Pre: GLY 2250; CHE 1101 & 1110; MAT 1110)
- PHY/GLY 3160 _____ (3) Introduction to Geophysics (Pre: 1 intro GLY; PHY 1103/1150; MAT 1110)
- ENV/GLY 3455 _____ (3) Quantitative Data Analysis for Earth & Env Sci (Pre: GLY 2250; MAT 1110; PHY 1150)
- GLY 4630 _____ (3) Hydrogeology (Pre: GLY 2250; MAT 1110; PHY 1103 or 1150 6 s.h. GLY ≥ 2000; Jr. standing)
- GLY 4705 _____ (3) Advanced Environmental & Engineering Geology (Pre: 6 s.h. GLY ≥ 2000; Jr. standing)

Plus choose 3 s.h. from the following courses:

- GLY 3025 _____ (3) Principles of Paleontology (Pre: GLY 2250; 6 sh BIO or ANT ≥ 2000 level)
- GLY 3333 _____ (3) Geomorphology (Pre: 6 sh GLY)
- GLY 3680 _____ (3) Geoarchaeology (Pre: 4 sh GLY)
- GLY 4501 _____ (1-3) Senior Research (Pre: Sr. standing; min GPA 3.25 in GLY)
- GLY 4510 _____ (3) Senior Honors Thesis (Pre: GLY 4501; Sr. standing; min GPA 3.25 in GLY)

C. Mathematics/Chemistry/Physics/Statistics (~~33~~ 39 hours)

(Taking all 5 math courses will earn the math minor. The extra MAT course will count as a non-GLY course elective below.)

- MAT 1110 _____ (4) Calculus with Analytic Geometry I (Pre: MAT 1025 w/min grade C-)
- MAT 1120 _____ (4) Calculus with Analytic Geometry II (Pre: MAT 1110 w/min grade of C-)
- MAT 2130 _____ (4) Calculus with Analytic Geometry III (Pre: MAT 1120 w/min grade of C-)
- MAT 2240 _____ (3) Intro to Linear Algebra (Pre: MAT 1120) **OR** MAT 3130_____ (3) Intro to Differential Equations (Pre: MAT 1120)
- CHE 1101/1110 _____ (4) Introductory Chemistry I & Lab **AND** CHE 1102/1120 _____ (4) Intro Chem II & Lab (Pre: CHE 1101 & 1110)
- PHY 1150 _____ (5) Analytical Physics I (Co: MAT 1110) **AND** PHY 1151 _____ (5) Analytical Physics II (Co: MAT 1120)
- STT 2810 _____ (3) Introduction to Statistics (Pre: MAT 1010)

Plus choose at least 3 hours from the following courses:

~~D. Six to seven semester hours from the following:~~

- ~~GHY/PLN 2812 _____ (3) Geospatial Data & Technology~~ ~~GHY 3310 _____ (3) Environmental Remote Sensing~~
- ~~GHY 3812 _____ (3) Intro to GIS (Pre: GHY 2310, 2812)~~ ~~GHY 4812 _____ (3) Advanced GIS (Pre: GHY 3812)~~
- ~~GLY/ENV 3455 _____ (3) Quant Data Analysis for Earth & Env Sci (Pre: GLY 2250; MAT 1110; PHY 1150)~~
- ~~STT 2810 _____ (3) Introduction to Statistics (Pre: MAT 1010)~~
- STT 3820 _____ (3) Statistical Methods I (Pre: STT 2810/2820)
- CS 1440 _____ (4) Computer Science I (Pre: MAT 1020/1025 w/minimum grade "C-")
- CS 1445 _____ (4) Intro to Programming w/Interdisciplinary Applications (Pre: MAT 1020/1025 w/minimum grade "C-")
- MAT 2240 _____ (3) Intro to Linear Algebra (Pre: MAT 1120) **OR** MAT 3130 _____ (3) Intro to Differen Eqtns (Pre: MAT 1120)
- Elective _____ (3) Advisor-approved computational or statistical elective

During the senior year the B.S. (non-teaching) student must take and achieve a satisfactory score on a COMPREHENSIVE EXAMINATION covering theoretical and practical aspects in areas of geology. Students who are unsuccessful on portions or all of the examination may retake appropriate portions up to two additional times prior to graduation.

III. MINOR (optional)

IV. ELECTIVES (taken to total 122 hours for the degree)..... ~~4-5~~ 2

2 semester hours of free electives must be outside the major discipline.

Concentration Code 259C

I. GENERAL EDUCATION CURRICULUM 44

CHE 1101/1110 & CHE 1102/1120 fulfill Science Inquiry perspective and MAT 1110 fulfills Quantitative Literacy in general education. Some general education requirements may be double-counted in the major. Please see your advisor for information.

II. MAJOR REQUIREMENTS (not including 12 hours counted in Area I) 74-75

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

A. Required Geology courses (19 semester hours)

Choose one 1000-level geology course:

GLY 1101 ____ (4)	Introduction to Physical Geology	GLY 1104 ____ (4)	Water: Mountains to Sea
GLY 1102 ____ (4)	Introduction to Historical Geology	GLY 1105 ____ (4)	Oceanography
GLY 1103 ____ (4)	Environmental Change, Hazards, & Resources		
GLY 2250 ____ (4)	Evolution of the Earth (Pre: GLY 1101,1102,1103,1104, or 1105)		
GLY 2745 ____ (4)	Preparation of Geologic Reports [WID] (Pre: RC 2001, GLY 2250)		
GLY 3150 ____ (3)	Principles of Structural Geology and Tectonics (Pre: GLY 2250, 2745)		
GLY 3800 ____ (3)	Sedimentology and Stratigraphy (Pre: GLY 2250)		
GLY 4210 ____ (1)	Geology Seminar [CAP] (Pre: Sr. standing)		

B. Environmental Geology courses (24-24 semester hours)

GLY 3131 ____ (3)	Geochemistry (Pre: GLY 2250, CHE 1101/1110, MAT 1110)
GLY 3160 ____ (3)	Introduction to Geophysics (Pre/Co: GLY 1101,1102,1103,1104, 1105, or 1510; PHY 1103 or 1150; MAT 1110))
GLY 3333 ____ (3)	Geomorphology (Pre: 6 sh GLY)
GLY 3703 ____ (3)	Issues in Environmental Geology (Pre: 6 sh GLY)
GLY 4630 ____ (3)	Hydrogeology (Pre: <u>GLY 2250; MAT 1110; PHY 1103 or 1150 6 s.h. GLY ≥ 2000; Jr. standing</u>)
GLY 4705 ____ (3)	Advanced Environmental and Engineering Geology (Pre: 6 s.h. GLY ≥ 2000; Jr. standing)

Plus choose 6 sh from the following:

GLY 3025 ____ (3)	Principles of Paleontology (Pre: GLY 2250 or 6 sh BIO or ANT ≥ 2000)
GLY 3220 ____ (3)	Fundamentals of Mineralogy (Pre: GLY 2250)
GLY 3333 ____ (3)	Geomorphology (Pre: 6 sh GLY)
GLY 3455 ____ (3)	Quantitative Data Analysis for Earth & Env Scientists (Pre: GLY 2250; MAT 1110; PHY 1150)
GLY 3680 ____ (3)	Geoarchaeology (Pre: 4 sh GLY)
GLY 3715 ____ (3)	Petrology and Petrography (Pre: CHE 1101/1110; GLY 2250, 2745, 3220)
GLY 4501 ____ (1-3)	Senior Research (Pre: Sr standing; min GPA 3.25 in GLY)
GLY 4510 ____ (3)	Senior Honors Thesis (Pre: GLY 4501; Sr. standing; min GPA 3.25 in GLY)
GLY 4835 ____ (6)	Summer Field Geology (Pre: GLY 3150, 3715, 3800)

C. Math/Chemistry/Physics courses (22-23.19 semester hours)

CHE 1101/1110 ____ (4)	Introductory Chemistry I & Lab
CHE 1102/1120 ____ (4)	Introductory Chemistry II & Lab (Pre: CHE 1101/1110)
GLY/ENV 3455 ____ (3)	Quantitative Data Analysis for Earth & Environmental Scientists (Pre: GLY 2250; MAT 1110; PHY 1150)
Or CS 1440 ____ (4)	Computer Science I (Pre: MAT 1020/1025 w/minimum grade "C")
Or CS 1445 ____ (4)	Intro to Programming w/Interdisciplinary Applications (Pre: MAT 1020 or 1025 with C or higher)
MAT 1110 ____ (4)	Calculus with Analytic Geometry I (Pre: MAT 1025 w/min grade C-)
PHY 1103 ____ (4)	General Physics I (Co: MAT 1020/1025)
STT 2810 ____ (3)	Introduction to Statistics (Pre: MAT 1010)

D. Associated Environmental Electives (Choose 12 semester hours from the following)

ECO 2620 ____ (3)	Environmental & Resource Economics	LAW 2150 ____ (3)	Legal Environment of Business
FIN 3010 ____ (3)	Survey of Finance (Pre: Jr. standing)	MGT 3010 ____ (3)	Survey of Management (Pre: Jr stdg)
ENV/GLY 3110 ____ (3)	Env Regulationsh & Enforcement	PLN 4460 ____ (3)	Environmental Policy & Planning
ENV/GLY 4110 ____ (3)	Environmental Mgmt & Impact Analysis	P S 2130 ____ (3)	State and Local Government
Elec ____ (3)	Advisor approved, computer intensive course	P S 4670 ____ (3)	Environmental Politics

E. Courses in Cartography & Geographic Information Systems (GIS) (Choose 12 semester hours from the following)

GHY/PLN 2812 ____ (3)	Geospatial Data & Technology	GHY 3812 ____ (3)	Intro to GIS (Pre: GHY 2310, 2812)
GHY 3310 ____ (3)	Environmental Remote Sensing	GHY 4812 ____ (3)	Advanced GIS (Pre: GHY 3812; Sr stdg)
GHY 4814 ____ (3)	Principles of GeoComputation (Pre: GHY 3812; Sr standing)		

During the senior year, the B.S. Geology with an Environmental Geology concentration student must take and achieve a satisfactory score on a comprehensive examination covering theoretical and practical aspects of areas of geology. Students who are unsuccessful on any portion or all of the examination may retake the appropriate portion(s) up to two additional times before graduation.

III. MINOR (optional)

IV. ELECTIVES (taken to total 122 hours for the degree)..... 3-4

2 semester hours of free electives must be outside the major discipline.

Bachelor of Science (BS)
Degree Code 259*
Concentration Code 259F

Program of Study for Geology Majors
GEOLOGY
SECONDARY EDUCATION LICENSURE

I. GENERAL EDUCATION CURRICULUM 44
Geology 1101 and 1103 fulfill Science Inquiry in general education. MAT 1110 fulfills the Quantitative Literacy requirement.

II. PROFESSIONAL EDUCATION REQUIREMENTS 24

A minimum grade of C is required in each professional education course. CI 2300 & FDN 2400 are required prior to admission to Teacher Educ.

- | | | | |
|-----------|------------|---|-----------------------|
| CI 2300 | _____ (2) | Teaching and Learning in the Digital Age (<i>Entry course to teacher education</i>) | |
| FDN 2400 | _____ (2) | Critical Perspectives on Teaching and Learning (<i>Pre or Co: CI 2300</i>) (<i>Entry course to teacher education</i>) | |
| PSY 3010 | _____ (3) | Psychology Applied to Teaching (<i>Pre or Co: CI 2300</i>) | PROFICIENCIES: |
| SPE 3300* | _____ (3) | Creating Inclusive Learning Communities (<i>Pre: CI 2300, FDN 2400, PSY 3010</i>) | Reading _____ |
| CI 3400* | _____ (2) | Policies and Practice in Educational Assessment (<i>Pre: CI 2300, FDN 2400, PSY 3010</i>) | English _____ |
| CI 4900 | _____ (12) | Student Teaching [CAP] (<i>All courses in professional core must be completed with grades of C (2.0) or higher prior to student teaching, along with other courses (including methods and reading) identified within the major.</i>) | |

*Admission to Teacher Education required.

NOTE: To be admitted to the Teacher Education Program students must take and satisfy testing requirements for Reading, Writing and Math areas of the PRAXIS (PPST or CBT). The PRAXIS II Area Exams are required for student teaching.

III. MAJOR REQUIREMENTS (not including 12 hours counted in Area I, above) 5253

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under III. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian. Since many upper level Geology courses require GLY 1101 as a prerequisite, it is highly recommended that students complete this course during their freshman year.

A. Geology Courses (28 hours)

- | | | | |
|-------------|-----------|--|--|
| GLY 1101 | _____ (4) | Introduction to Physical Geology | |
| or GLY 1510 | _____ (4) | Geological Science Honors-Physical | |
| GLY 1103 | _____ (4) | Environmental Change, Hazards, & Resources | |
| GLY 1105 | _____ (4) | Oceanography | |
| GLY 2250 | _____ (4) | Evolution of the Earth (<i>Pre: GLY 1101, 1102, 1103, 1104, or 1105</i>) | |
| GLY 2745 | _____ (4) | Preparation of Geologic Reports [WID] (<i>Pre: RC 2001, GLY 2250</i>) | |
| GLY 3220 | _____ (3) | Fundamentals of Mineralogy (<i>Pre: GLY 2250</i>) | |
| GLY 3333 | _____ (3) | Geomorphology (<i>Pre: 6 s.h. GLY</i>) | |
| GLY 3520 | _____ (1) | Instructional Asst for GLY 1101 (<i>Pre: Jr/Sr standing</i>) | |
| GLY 3521 | _____ (1) | Secondary Science Field Experience (<i>Pre: Jr/Sr standing</i>) | |

B. At least 12 semester hours selected from the following:

- | | | | |
|----------|-----------|--|--|
| CHE 1101 | _____ (3) | Introductory Chemistry I (<i>Co: CHE 1110</i>) | |
| CHE 1110 | _____ (1) | Introductory Chemistry I Lab (<i>Co: CHE 1101</i>) | |
| CHE 1102 | _____ (3) | Introductory Chemistry II (<i>Pre: CHE 1101; Co: 1120</i>) | |
| CHE 1120 | _____ (1) | Introductory Chemistry II Lab (<i>Co: CHE 1102</i>) | |
| PHY 1103 | _____ (4) | General Physics I (<i>Co: MAT 1020 or 1025</i>) | |
| PHY 1104 | _____ (4) | General Physics II (<i>Pre: PHY 1103</i>) | |

C. Also required (24-25 hours):

- | | | | |
|---------------------|----------------------|--|--|
| G S 4403 | _____ (3) | Teaching Science in the Middle and High Schools [WID] (<i>minimum "C" grade required</i>) (<i>Pre: RC 2001</i>) | |
| R E 4630 | _____ (2) | Reading in the Content Areas (<i>minimum "C" grade required</i>) | |
| G S 4404 | _____ (3) | The Meaning & Nature of Science [WID] (<i>Pre: RC 2001</i>) | |
| AST 1001 | _____ (4) | Introductory Astronomy I – The Solar System | |
| AST 1002 | _____ (4) | Introductory Astronomy II – Stars and Galaxies (<i>Pre: AST 1001</i>) | |
| BIO 1801 | _____ (4) | Biological Concepts I (<i>Co: CHE 1101</i>) | |
| GHY 3100 | _____ (3) | Weather and Climate (<i>Pre: GHY 1010</i>) | |
| MAT 1110 | _____ (4) | Calculus with Analytic Geometry I (<i>Pre: MAT 1025 w/min grade C-</i>) | |

During the senior year, the B.S. Geology Teaching Licensure degree student must take the Praxis II subject area exam: Earth/Space Science (#0570) portion. The score should be reported to Appalachian State University.

IV. MINOR (optional)

V. ELECTIVES (taken to total 122 hours for the degree)..... 2
2 semester hours of free electives must be outside the major discipline 122123

Bachelor of Science (BS)
Degree Code 270*
Concentration Code 270C

Program of Study for Physics Majors
PHYSICS
SECONDARY EDUCATION LICENSURE

I. GENERAL EDUCATION CURRICULUM 44
 Physics 1150 & 1151 or 1103 & 1104 fulfill Science Inquiry. MAT 1110 fulfills the Quantitative Literacy requirement.

II. PROFESSIONAL EDUCATION REQUIREMENTS 24

A minimum grade of C is required in each professional education course. CI 2300 & FDN 2400 are required prior to admission to Teacher Educ.

- | | |
|--|---|
| CI 2300 _____ (2) Teaching and Learning in the Digital Age (<i>Entry course to teacher education</i>) | PROFICIENCIES:
Reading _____
English _____ |
| FDN 2400 _____ (2) Critical Perspectives on Teaching and Learning (<i>Pre or Co: CI 2300</i>) (<i>Entry course to teacher education</i>) | |
| PSY 3010 _____ (3) Psychology Applied to Teaching (<i>Pre or Co: CI 2300</i>) | |
| SPE 3300* _____ (3) Creating Inclusive Learning Communities (<i>Pre: CI 2300, FDN 2400, PSY 3010</i>) | |
| CI 3400* _____ (2) Policies and Practice in Educational Assessment (<i>Pre: CI 2300, FDN 2400, PSY 3010</i>) | |
| CI 4900 _____ (12) Student Teaching [CAP] (<i>All courses in professional core must be completed with grades of C (2.0) or higher prior to student teaching, along with other courses (including methods and reading) identified within the major.</i>) | |

*Admission to Teacher Education required.

NOTE: To be admitted to the Teacher Education Program students must take and satisfy testing requirements for Reading, Writing and Math areas of the PRAXIS (PPST or CBT). The PRAXIS II Area Exams are required for student teaching.

III. MAJOR REQUIREMENTS (not including 12 s.h. counted in Area I, above) 5754

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under III. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

A. Area of Specialization for teaching physics: (minimum of 32 semester hours)

- | | | |
|--|-----------|--|
| PHY 1103 _____ (4) General Physics I (<i>Co: MAT 1020/1025</i>) | OR | PHY 1150 _____ (5) Analytical Physics I (<i>Co: MAT 1110</i>) |
| PHY 1104 _____ (4) General Physics II (<i>Pre: PHY 1103</i>) | | PHY 1151 _____ (5) Analytical Physics II (<i>Co: MAT 1120</i>) |
| PHY 2010 _____ (4) Intermediate Physics I (<i>Pre: PHY 1104/1151; MAT 1120</i>) | | |
| PHY 2020 _____ (4) Intermediate Physics II (<i>Pre: PHY 2010; MAT 2130</i>) | | |
| PHY 2210 _____ (3) Physics Laboratory Techniques and Data Analysis [WID] (<i>Co: RC 2001, PHY 2020</i>) | | |
| PHY 3210 _____ (3) Modern Physics I (<i>Pre: PHY 1151; Co: PHY 2010</i>) | | |
| PHY 3400 _____ (3) Physics Instruction Practicum (<i>Pre: PHY 1104 or 1151</i>) | | |
| PHY 3520 _____ (1) Instructional Assistance (<i>Pre: Jr/Sr standing</i>) | | |
| PHY 4210 _____ (4) Methods of Experimental Physics [CAP] (<i>Pre: PHY 2210</i>) | | |

0-2 hours in PHY & AST electives for minimum of 32 hours in Physics _____

B. Biology (4 sh)

- BIO 1801 _____ (4) Biological Concepts I (*Co: CHE 1101*)

C. Geology (4 sh)

- GLY 1101 _____ (4) Introduction to Physical Geology

D. Chemistry (8-4 sh)

- | | | |
|---|------------|--|
| CHE 1101 _____ (3) Introductory Chemistry I (<i>Co: CHE 1110</i>) | AND | CHE 1110 _____ (1) Intro Chemistry I Lab (<i>Co: CHE 1101</i>) |
| CHE 1102 _____ (3) Intro Chem II (<i>Pre: CHE 1101 & 1110; Co: CHE 1120</i>) | | AND CHE 1120 _____ (1) Intro Chemistry II Lab (<i>Co: CHE 1102</i>) |

E. Mathematics (12 sh)

- MAT 1110 _____ (4) Calculus with Analytic Geometry I (*Pre: MAT 1025 w/min grade C-*)
 MAT 1120 _____ (4) Calculus with Analytic Geometry II (*Pre: MAT 1110 w/min grade C-*)
 MAT 2130 _____ (4) Calculus with Analytic Geometry III (*Pre: MAT 1120 w/min grade C-*)

F. Other Required Courses (6-7 sh) (*Minimum "C" grade required)

- PHY 3521 _____ (1) Secondary Science Field Experience (*Pre: Jr/Sr standing*)
 G S 4403* _____ (3) Teaching Science in Middle and High Schools [**WID**] (*Pre: RC 2001*)
~~G S 4404 _____ (3) The Meaning & Nature of Science [**WID**] (*Pre: RC 2001*)~~
~~R E 4630* _____ (2) Reading in the Content Areas~~

G. Additional Required Courses (minimum 3 sh) (Select from the following)

- | | |
|--|---|
| AST 1001 _____ (4) Introductory Astronomy I – The Solar System | PHY 4330 _____ (3) Digital Electronics (<i>Pre: Sr. standing</i>) |
| MAT 3130 _____ (3) Intro to Differential Equations (<i>Pre: MAT 1120</i>) | PHY 4730 _____ (3) Analog Systems (<i>Pre: PHY 3210; Sr standing</i>) |
| PHY 3140 _____ (3) Environmental Phy (<i>Pre: 1104/1151</i>) | STT 2810 _____ (3) Basic Statistics (<i>Pre: MAT 1010</i>) |
| PHY 4020 _____ (3) Computational Methods in Physics & Engineering (<i>Pre: PHY 2010 & 2020 w/ min grade "C"; MAT 2130</i>) | |

IV. MINOR (optional)

V. ELECTIVES (taken to total 122 hours for the degree)..... 25

Total hours required for graduation 127

I. GENERAL EDUCATION CURRICULUM 44

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information.

II. LANGUAGE (Completion of 6 semester hours at the *intermediate level, or higher)..... 6

_____ 1040 _____ and 1050 _____ or 1060 _____; or higher level courses _____

*NOTE: Language 1010 and 1020 (or 1030) are prerequisites for the intermediate level courses.
FL 1050 or 1060 may be used in General Education Liberal Studies Experience

III. MAJOR REQUIREMENTS 41-42

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under III. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered through Appalachian. No more than 46 semester hours of Psychology courses may be counted toward the BA Degree.

A. Introduction to Discipline (4 s.h.)

PSY 1200 _____ (3) Psychological Foundations **AND** PSY 2200 _____ (1) Careers in Psychology (Pre: PSY 1200)

B. Research Methods (7-8 s.h.) (*Grade of "C" or better required)

STT 2810* _____ (3) Introduction to Statistics (Pre: MAT 1010) **OR** STT 2820* _____ (4) Reasoning with Statistics
PSY 3100 _____ (4) Research Methods in Psychology [**WID**] (Pre/Co: RC 2001; Pre: PSY 1200; STT 2810/2820 w/min grade C)

C. Foundations of Psychological Science (12 s.h.) - Choose at least one course from each of the following pairs of courses:

(PSY 3100 is a prerequisite/co-requisite for each of these courses)

BIOLOGICAL:	PSY 3215 _____ (3) Perception	OR	PSY 3216 _____ (3) Biological Psychology
DEVELOPMENTAL:	PSY 3210 _____ (3) Child & Adolescent Psych	OR	PSY 3218 _____ (3) Adult Development
INDIV/GROUP BEHAVIOR:	PSY 3211 _____ (3) Personality & Individual Differences	OR	PSY 3213 _____ (3) Social Psychology
LEARNING & COGNITION:	PSY 3214 _____ (3) Principles of Learning	OR	PSY 3217 _____ (3) Cognitive Processes

D. Doing Psychology (must total 3 s.h.) - Choose at least one LABORATORY course from: (PSY 3100 is a Prereq for PSY 4211-4217)

PSY 4211 _____ (1) Personality Laboratory (Pre/Co: PSY 3211)	PSY 4215 _____ (1) Perception Laboratory (Pre/Co: PSY 3215)
PSY 4213 _____ (1) Social Psychology Laboratory (Pre/Co: PSY 3213)	PSY 4216 _____ (1) Biological Psychology Lab (Pre/Co: PSY 3216)
PSY 4214 _____ (1) Learning Laboratory (Pre/Co: PSY 3214)	PSY 4217 _____ (1) Cognitive Psychology Lab (Pre/Co: PSY 3217)

Choose at least one RESEARCH OR FIELDWORK course: (Any PSY Service Learning course will fulfill this requirement except PSY ~~4100~~ 2100.)

PSY 4001 _____ (1-3) Research Assistant (Pre: PSY 1200)	PSY 4511 _____ (1) Sr Honors Thesis I (Pre: PSY 1200 & 3 sh honors)
PSY 4002 _____ (1-3) Supervised Research (Pre: PSY 3100)	PSY 4512 _____ (2) Sr Honors Thesis II (Pre: PSY 4511)
PSY 4220 _____ (4) Community Psychology (Pre: PSY 3100)	_____ (1-3) Service Learning Course
PSY 4905 _____ (1-6) Field Work in Applied Psychology (Pre: PSY 3100; PSY majors only)	

E. Applied Psychology (6 s.h.) – Choose at least two courses from the following:

PSY 3000 _____ (3) Educational Psychology (Pre: PSY 1200)	PSY 4206 _____ (3) Industrial Psychology (Pre: PSY 3100)
PSY 3207 _____ (3) Organizational Psychology (Pre: PSY 1200)	<u>PSY 4208 _____ (3) Forensic Psychology (Pre: PSY 3100)</u>
PSY 3212 _____ (3) Psychopathology (Pre/Co: PSY 3100)	PSY 4660 _____ (3) Psych Tests & Measurements (Pre: PSY 3100)
PSY 3653 _____ (3) Health Psychology (Pre: PSY 1200)	PSY 4700 _____ (3) Applied Behavior Mgmt (Pre: PSY 3100)

F. Capstone Course (3 s.h.) – Choose at least one course from the following:

(PSY 3100 is a prerequisite for each of these courses)

PSY 4655 _____ (3) Contemporary Issues in Psychology [**CAP**] **OR** PSY 4658 _____ (3) History & Systems of Psych [**CAP**]

G. Psychology Elective Courses (Choose 6 s.h.) (PSY 1200 is a prerequisite for each of these courses)

Choose at least six semester hours from courses beyond the requirements in sections C through F above or the following: **PSY 3500** Independent Study (1-4); **PSY 3520** Instructional Assistance (1) (Pre: Jr/Sr Standing); **PSY 4207** Evolutionary Psychology (3) (Pre: PSY 3100); **PSY 4208** Forensic Psychology (3) (Pre: PSY 3100); **PSY 3511** Honors Colloquium (3); **PSY 3512** Honors Colloquium (3); **PSY 3530-3549** Selected Topics (1-4); **PSY 4640** Seminar in Psychology (3) (Pre: PSY 3100).

IV. MINOR REQUIRED..... 12-21

Minimum of 9 semester hours of courses taken to fulfill minor requirements must be courses offered through Appalachian.

V. ELECTIVES (taken to total 122 hours for the degree) 9-19

2 semester hours of free electives must be outside the major discipline **122**

I. GENERAL EDUCATION CURRICULUM44

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information.

II. MAJOR REQUIREMENTS (not including 15 semester hours for science & math and PSY 1200 already counted in Area I above)41-46

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II & III. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered through Appalachian.

A. Introduction to Discipline (4 s.h.)

PSY 1200 ____ (3) Psychological Foundations **AND** PSY 2200 ____ (1) Careers in Psychology (Pre: PSY 1200)

B. Research Methods (7-8 s.h.) (*Grade of "C" or better required)

STT 2810* ____ (3) Introduction to Statistics (Pre: MAT 1010) **OR** STT 2820* ____ (4) Reasoning with Statistics
PSY 3100 ____ (4) Research Methods in Psychology [WID] (Pre/Co: RC 2001; Pre: PSY 1200; STT 2810/2820 w/min grade C)

C. Foundations of Psychological Science (12 s.h.) - Choose at least one course from each of the following pairs of courses:

(PSY 3100 is a prerequisite/co-requisite for each of these courses)

BIOLOGICAL: PSY 3215 ____ (3) Perception **OR** PSY 3216 ____ (3) Biological Psychology
DEVELOPMENTAL: PSY 3210 ____ (3) Child & Adolescent Psych **OR** PSY 3218 ____ (3) Adult Development
INDIV/GROUP BEHAVIOR: PSY 3211 ____ (3) Personality & Individual Differences **OR** PSY 3213 ____ (3) Social Psychology
LEARNING & COGNITION: PSY 3214 ____ (3) Principles of Learning **OR** PSY 3217 ____ (3) Cognitive Processes

D. Doing Psychology (must total at least 3 s.h.) - Choose at least one LABORATORY course from: (PSY 3100 is a Prereq for PSY 4211-4217)

PSY 4211 ____ (1) Personality Laboratory (Pre/Co: PSY 3211) PSY 4215 ____ (1) Perception Laboratory (Pre/Co: PSY 3215)
PSY 4213 ____ (1) Social Psychology Laboratory (Pre/Co: PSY 3213) PSY 4216 ____ (1) Biological Psychology Lab (Pre/Co: PSY 3216)
PSY 4214 ____ (1) Learning Laboratory (Pre/Co: PSY 3214) PSY 4217 ____ (1) Cognitive Psychology Lab (Pre/Co: PSY 3217)

Choose at least one RESEARCH OR FIELDWORK course: (Any PSY Service Learning course will fulfill this requirement except PSY ~~4100~~2100.)

PSY 4001 ____ (1-3) Research Assistant (Pre: PSY 1200) PSY 4511 ____ (1) Sr Honors Thesis I (Pre: PSY 1200 & 3 sh honors)
PSY 4002 ____ (1-3) Supervised Research (Pre: PSY 3100) PSY 4512 ____ (2) Sr Honors Thesis II (Pre: PSY 4511)
PSY 4220 ____ (4) Community Psychology (Pre: PSY 3100) _____ (1-3) Service Learning Course
PSY 4905 ____ (1-6) Field Work in Applied Psychology (Pre: PSY 3100; PSY majors only)

E. Applied Psychology (6 s.h.) – Choose at least two courses from the following:

PSY 3000 ____ (3) Educational Psychology (Pre: PSY 1200) PSY 4206 ____ (3) Industrial Psychology (Pre: PSY 3100)
PSY 3207 ____ (3) Organizational Psychology (Pre: PSY 1200) ~~PSY 4208~~ (3) Forensic Psychology (Pre: PSY 3100)
PSY 3212 ____ (3) Psychopathology (Pre/Co: PSY 3100) PSY 4660 ____ (3) Psych Tests & Measurements (Pre: PSY 3100)
PSY 3653 ____ (3) Health Psychology (Pre: PSY 1200) PSY 4700 ____ (3) Applied Behavior Mgmt (Pre: PSY 3100)

F. Capstone Course (3 s.h.) – Choose at least one course from the following: (PSY 3100 is a prerequisite for each of these courses)

PSY 4655 ____ (3) Contemporary Issues in Psychology [CAP] **OR** PSY 4658 ____ (3) History & Systems of Psych [CAP]

G. Psychology Elective Courses (Choose 6 s.h.) (PSY 1200 is a prerequisite for each of these courses)

Choose at least 6 hours from courses beyond the requirements in sections C - F above or the following: **PSY 3500** Independent Study (1-4); **PSY 3520** Instructional Assistance (1) (Pre: Jr/Sr Stndg); **PSY 4207** Evolutionary Psychology (3) (Pre: PSY 3100); ~~PSY 4208 Forensic Psychology (3) (Pre: PSY 3100); PSY 3511~~ Honors Colloquium (3); **PSY 3512** Honors Colloquium (3); **PSY 3530-3549** Selected Topics (1-4); **PSY 4640** Seminar in Psychology (3) (Pre: PSY 3100).

H. Science/Math Requirement (15 s.h.) Any math and science lab courses up to 12 hours can be used in both general education and this requirement. An additional 3 hours must be taken from BIO, CHE, PHY, STT, MAT, or ES 2031 or 2032. Classes excluded from the additional hours are STT 1810, 2810, 2820, MAT 0010, and MAT 1010.

III. NATURAL SCIENCE CONCENTRATION: Minimum of 21 semester hours. 21

Any course used to satisfy a general education requirement cannot be used to satisfy a concentration requirement.

21 semester hours must be selected from at least two of the following areas: Astronomy, Biology, Chemistry, Geology, Mathematics, Statistics, PHL 3300, PHL 3550, PHL 3600, PHL 4000, and/or Physics.

IV. MINOR (optional)

V. ELECTIVES (taken to total 122 hours for the degree) 11-16

2 semester hours of electives must be outside the major discipline **122**

I. GENERAL EDUCATION CURRICULUM..... 44

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information.

II. MAJOR REQUIREMENTS (not including 15 semester hours for science & math and PSY 1200 already counted in Area I above) 41-46

2. 0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II & III. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered through Appalachian.

A. Introduction to Discipline (4 s.h.)

PSY 1200 ____ (3) Psychological Foundations **AND** PSY 2200 ____ (1) Careers in Psychology (Pre: PSY 1200)

B. Research Methods (7-8 s.h.) (*Grade of "C" or better required)

STT 2810* ____ (3) Introduction to Statistics (Pre: MAT 1010) **OR** STT 2820* ____ (4) Reasoning with Statistics
PSY 3100 ____ (4) Research Methods in Psychology [WID] (Pre/Co: RC 2001; Pre: PSY 1200; STT 2810/2820 w/min grade C)

C. Foundations of Psychological Science (12 s.h.) - Choose at least one course from each of the following pairs of courses:

(PSY 3100 is a prerequisite/co-requisite for each of these courses)

BIOLOGICAL: PSY 3215 ____ (3) Perception **OR** PSY 3216 ____ (3) Biological Psychology
DEVELOPMENTAL: PSY 3210 ____ (3) Child & Adolescent Psych **OR** PSY 3218 ____ (3) Adult Development
INDIV/GROUP BEHAVIOR: PSY 3211 ____ (3) Personality & Individual Differences **OR** PSY 3213 ____ (3) Social Psychology
LEARNING & COGNITION: PSY 3214 ____ (3) Principles of Learning **OR** PSY 3217 ____ (3) Cognitive Processes

D. Doing Psychology (must total 3 s.h.) - Choose at least one LABORATORY course from the following: (PSY 3100 is a Prereq for PSY 4211-4217)

PSY 4211 ____ (1) Personality Laboratory (Pre/Co: PSY 3211) PSY 4215 ____ (1) Perception Laboratory (Pre/Co: PSY 3215)
PSY 4213 ____ (1) Social Psychology Laboratory (Pre/Co: PSY 3213) PSY 4216 ____ (1) Biological Psychology Lab (Pre/Co: PSY 3216)
PSY 4214 ____ (1) Learning Laboratory (Pre/Co: PSY 3214) PSY 4217 ____ (1) Cognitive Psychology Lab (Pre/Co: PSY 3217)

Choose at least one RESEARCH OR FIELDWORK course: (Any PSY Service Learning course will fulfill this requirement except PSY ~~4100~~2100.)

PSY 4001 ____ (1-3) Research Assistant (Pre: PSY 1200) PSY 4511 ____ (1) Sr Honors Thesis I (Pre: PSY 1200 & 3 sh honors)
PSY 4002 ____ (1-3) Supervised Research (Pre: PSY 3100) PSY 4512 ____ (2) Sr Honors Thesis II (Pre: PSY 4511)
PSY 4220 ____ (4) Community Psychology (Pre: PSY 3100) _____ (1-3) Service Learning Course
PSY 4905 ____ (1-6) Field Work in Applied Psychology (Pre: PSY 3100; PSY majors only)

E. Applied Psychology (6 s.h.) – Choose at least two courses from the following:

PSY 3000 ____ (3) Educational Psychology (Pre: PSY 1200) PSY 4206 ____ (3) Industrial Psychology (Pre: PSY 3100)
PSY 3207 ____ (3) Organizational Psychology (Pre: PSY 1200) PSY 4208 ____ (3) Forensic Psychology (Pre: PSY 3100)
PSY 3212 ____ (3) Psychopathology (Pre/Co: PSY 3100) PSY 4660 ____ (3) Psych Tests & Measurements (Pre: PSY 3100)
PSY 3653 ____ (3) Health Psychology (Pre: PSY 1200) PSY 4700 ____ (3) Applied Behavior Mgmt (Pre: PSY 3100)

F. Capstone Course (3 s.h.) – Choose at least one course from the following: (PSY 3100 is a prerequisite for each of these courses)

PSY 4655 ____ (3) Contemporary Issues in Psychology [CAP] **OR** PSY 4658 ____ (3) History & Systems of Psych [CAP]

G. Psychology Elective Courses (Choose 6 s.h.) (PSY 1200 is a prerequisite for each of these courses)

Choose at least 6 hours from courses beyond the requirements in sections C - F above or the following: **PSY 3500** Independent Study (1-4); **PSY 3520** Instructional Assistance (1) (Pre: Jr/Sr Stndg); **PSY 4207** Evolutionary Psychology (3) (Pre: PSY 3100); **PSY 4208** Forensic Psychology (3) (Pre: PSY 3100); **PSY 3511** Honors Colloquium (3); **PSY 3512** Honors Colloquium (3); **PSY 3530-3549** Selected Topics (1-4); **PSY 4640** Seminar in Psychology (3) (Pre: PSY 3100).

H. Science/Math Requirement (15 s.h.) Any math and science lab courses up to 12 hours can be used in both general education and this requirement. An additional 3 hours must be taken from BIO, CHE, PHY, STT, MAT, or ES 2031 or 2032. Classes excluded from the additional hours are STT 1810, 2810, 2820, MAT 0010, and MAT 1010.

III. BUSINESS CONCENTRATION: Minimum of 21 semester hours21

Any course used to satisfy a general education requirement cannot be used to satisfy a concentration requirement.

All courses must be from the 2000 level or above.

21 semester hours must come from at least two of the following academic areas: Accounting, Business, Computer Information Systems, Economics, Finance, Management, Marketing, Health Care Management, Political Science, LAW 2150, LAW 3910, LAW 3930, or LAW 3960.

IV. MINOR (optional)

V. ELECTIVES (taken to total 122 hours for the degree)..... 11-16

2 semester hours of electives must be outside the major discipline

I. GENERAL EDUCATION CURRICULUM 44

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information.

II. MAJOR REQUIREMENTS (not including 15 semester hours for science & math and PSY 1200 already counted in Area I above) 41-46

2. 0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II & III. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered through Appalachian.

A. Introduction to Discipline (4 s.h.)

PSY 1200 ____ (3) Psychological Foundations **AND** PSY 2200 ____ (1) Careers in Psychology (Pre: PSY 1200)

B. Research Methods (7-8 s.h.) (*Grade of "C" or better required)

STT 2810* ____ (3) Introduction to Statistics (Pre: MAT 1010) **OR** STT 2820* ____ (4) Reasoning with Statistics
PSY 3100 ____ (4) Research Methods in Psychology [WID] (Pre/Co: RC 2001; Pre: PSY 1200; STT 2810/2820 w/min grade C)

C. Foundations of Psychological Science (12 s.h.) - Choose at least one course from each of the following pairs of courses:

(PSY 3100 is a prerequisite/co-requisite for each of these courses)

BIOLOGICAL:	PSY 3215 ____ (3) Perception	OR	PSY 3216 ____ (3) Biological Psychology
DEVELOPMENTAL:	PSY 3210 ____ (3) Child & Adolescent Psych	OR	PSY 3218 ____ (3) Adult Development
INDIV/GROUP BEHAVIOR:	PSY 3211 ____ (3) Personality & Individual Differences	OR	PSY 3213 ____ (3) Social Psychology
LEARNING & COGNITION:	PSY 3214 ____ (3) Principles of Learning	OR	PSY 3217 ____ (3) Cognitive Processes

D. Doing Psychology (must total 3 s.h.) - Choose at least one LABORATORY course from the following: (PSY 3100 is a Prereq for PSY 4211-4217)

PSY 4211 ____ (1) Personality Laboratory (Pre/Co: PSY 3211)	PSY 4215 ____ (1) Perception Laboratory (Pre/Co: PSY 3215)
PSY 4213 ____ (1) Social Psychology Laboratory (Pre/Co: PSY 3213)	PSY 4216 ____ (1) Biological Psychology Lab (Pre/Co: PSY 3216)
PSY 4214 ____ (1) Learning Laboratory (Pre/Co: PSY 3214)	PSY 4217 ____ (1) Cognitive Psychology Lab (Pre/Co: PSY 3217)

Choose at least one RESEARCH OR FIELDWORK course: (Any PSY Service Learning course will fulfill this requirement except PSY ~~4100~~2100.)

PSY 4001 ____ (1-3) Research Assistant (Pre: PSY 1200)	PSY 4511 ____ (1) Sr Honors Thesis I (Pre: PSY 1200 & 3 sh honors)
PSY 4002 ____ (1-3) Supervised Research (Pre: PSY 3100)	PSY 4512 ____ (2) Sr Honors Thesis II (Pre: PSY 4511)
PSY 4220 ____ (4) Community Psychology (Pre: PSY 3100)	____ (1-3) Service Learning Course
PSY 4905 ____ (1-6) Field Work in Applied Psychology (Pre: PSY 3100; PSY majors only)	

E. Applied Psychology (6 s.h.) – Choose at least two courses from the following:

PSY 3000 ____ (3) Educational Psychology (Pre: PSY 1200)	PSY 4206 ____ (3) Industrial Psychology (Pre: PSY 3100)
PSY 3207 ____ (3) Organizational Psychology (Pre: PSY 1200)	<u>PSY 4208 ____ (3) Forensic Psychology (Pre: PSY 3100)</u>
PSY 3212 ____ (3) Psychopathology (Pre/Co: PSY 3100)	PSY 4660 ____ (3) Psych Tests & Measurements (Pre: PSY 3100)
PSY 3653 ____ (3) Health Psychology (Pre: PSY 1200)	PSY 4700 ____ (3) Applied Behavior Mgmt (Pre: PSY 3100)

F. Capstone Course (3 s.h.) – Choose at least one course from the following: (PSY 3100 is a prerequisite for each of these courses)

PSY 4655 ____ (3) Contemporary Issues in Psychology [CAP] **OR** PSY 4658 ____ (3) History & Systems of Psych [CAP]

G. Psychology Elective Courses (Choose 6 s.h.) (PSY 1200 is a prerequisite for each of these courses)

Choose at least 6 hours from courses beyond the requirements in sections C - F above or the following: **PSY 3500** Independent Study (1-4); **PSY 3520** Instructional Assistance (1) (Pre: Jr/Sr Stndg); **PSY 4207** Evolutionary Psychology (3) (Pre: PSY 3100); **PSY 4208** Forensic Psychology (3) (Pre: PSY 3100); **PSY 3511** Honors Colloquium (3); **PSY 3512** Honors Colloquium (3); **PSY 3530-3549** Selected Topics (1-4); **PSY 4640** Seminar in Psychology (3) (Pre: PSY 3100).

H. Science/Math Requirement (15 s.h.) Any math and science lab courses up to 12 hours can be used in both general education and this requirement. An additional 3 hours must be taken from BIO, CHE, PHY, STT, MAT, or ES 2031 or 2032. Classes excluded from the additional hours are STT 1810, 2810, 2820, MAT 0010, and MAT 1010 _____

III. HEALTH STUDIES CONCENTRATION: Minimum of 21 semester hours 21

Any course used to satisfy a general education requirement cannot be used to satisfy a concentration requirement.

All courses from Exercise Science and Health Promotion must be from the 2000 level or above; Biology courses may be at 1000 or above
21 semester hours must come from at least two of the following academic areas: Exercise Science, Health Promotion, Biology, PHL 3015.

IV. MINOR (optional)

V. ELECTIVES (taken to total 122 hours for the degree) 11-16

2 semester hours of electives must be outside the major discipline 122

I. GENERAL EDUCATION CURRICULUM 44

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information.

II. MAJOR REQUIREMENTS (not including 15 semester hours for science & math and PSY 1200 already counted in Area I above) 41-46

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II & III. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered through Appalachian.

A. Introduction to Discipline (4 s.h.)

PSY 1200 ____ (3) Psychological Foundations **AND** PSY 2200 ____ (1) Careers in Psychology (Pre: PSY 1200)

B. Research Methods (7-8 s.h.) (*Grade of "C" or better required)

STT 2810* ____ (3) Introduction to Statistics (Pre: MAT 1010) **OR** STT 2820* ____ (4) Reasoning with Statistics
PSY 3100 ____ (4) Research Methods in Psychology [WID] (Pre/Co: RC 2001; Pre: PSY 1200; STT 2810/2820 w/min grade C)

C. Foundations of Psychological Science (12 s.h.) - Choose at least one course from each of the following pairs of courses:

(PSY 3100 is a prerequisite/co-requisite for each of these courses)

BIOLOGICAL:	PSY 3215 ____ (3) Perception	OR	PSY 3216 ____ (3) Biological Psychology
DEVELOPMENTAL:	PSY 3210 ____ (3) Child & Adolescent Psych	OR	PSY 3218 ____ (3) Adult Development
INDIV/GROUP BEHAVIOR:	PSY 3211 ____ (3) Personality & Individual Differences	OR	PSY 3213 ____ (3) Social Psychology
LEARNING & COGNITION:	PSY 3214 ____ (3) Principles of Learning	OR	PSY 3217 ____ (3) Cognitive Processes

D. Doing Psychology (must total 3 s.h.) - Choose at least one LABORATORY course from the following: (PSY 3100 is a Prereq for PSY 4211-4217)

PSY 4211 ____ (1) Personality Laboratory (Pre/Co: PSY 3211)	PSY 4215 ____ (1) Perception Laboratory (Pre/Co: PSY 3215)
PSY 4213 ____ (1) Social Psychology Laboratory (Pre/Co: PSY 3213)	PSY 4216 ____ (1) Biological Psychology Lab (Pre/Co: PSY 3216)
PSY 4214 ____ (1) Learning Laboratory (Pre/Co: PSY 3214)	PSY 4217 ____ (1) Cognitive Psychology Lab (Pre/Co: PSY 3217)

Choose at least one **RESEARCH OR FIELDWORK** course: (Any PSY Service Learning course will fulfill this requirement except PSY ~~11002100~~.)

PSY 4001 ____ (1-3) Research Assistant (Pre: PSY 1200)	PSY 4511 ____ (1) Sr Honors Thesis I (Pre: PSY 1200 & 3 sh honors)
PSY 4002 ____ (1-3) Supervised Research (Pre: PSY 3100)	PSY 4512 ____ (2) Sr Honors Thesis II (Pre: PSY 4511)
PSY 4220 ____ (4) Community Psychology (Pre: PSY 3100)	_____ (1-3) Service Learning Course
PSY 4905 ____ (1-6) Field Work in Applied Psychology (Pre: PSY 3100; PSY majors only)	

E. Applied Psychology (6 s.h.) – Choose at least two courses from the following:

PSY 3000 ____ (3) Educational Psychology (Pre: PSY 1200)	PSY 4206 ____ (3) Industrial Psychology (Pre: PSY 3100)
PSY 3207 ____ (3) Organizational Psychology (Pre: PSY 1200)	PSY 4208 (3) Forensic Psychology (Pre: PSY 3100)
PSY 3212 ____ (3) Psychopathology (Pre/Co: PSY 3100)	PSY 4660 ____ (3) Psych Tests & Measurements (Pre: PSY 3100)
PSY 3653 ____ (3) Health Psychology (Pre: PSY 1200)	PSY 4700 ____ (3) Applied Behavior Mgmt (Pre: PSY 3100)

F. Capstone Course (3 s.h.) – Choose at least one course from the following: (PSY 3100 is a prerequisite for each of these courses)

PSY 4655 ____ (3) Contemporary Issues in Psychology [CAP] **OR** PSY 4658 ____ (3) History & Systems of Psych [CAP]

G. Psychology Elective Courses (Choose 6 s.h.) (PSY 1200 is a prerequisite for each of these courses)

Choose at least 6 hours from courses beyond the requirements in sections C - F above or the following: **PSY 3500** Independent Study (1-4); **PSY 3520** Instructional Assistance (1) (Pre: Jr/Sr Stndg); **PSY 4207** Evolutionary Psychology (3) (Pre: PSY 3100); ~~PSY 4208~~ Forensic Psychology (3) (Pre: PSY 3100); **PSY 3511** Honors Colloquium (3); **PSY 3512** Honors Colloquium (3); **PSY 3530-3549** Selected Topics (1-4); **PSY 4640** Seminar in Psychology (3) (Pre: PSY 3100).

H. Science/Math Requirement (15 s.h.) Any math and science lab courses **up to 12 hours** can be used in both general education and this requirement. An additional 3 hours must be taken from BIO, CHE, PHY, STT, MAT, or ES 2031 or 2032. Classes excluded from the additional hours are STT 1810, 2810, 2820, MAT 0010, and MAT 1010.

III. HUMAN SERVICES CONCENTRATION: Minimum of 21 semester hours 21

Any course used to satisfy a general education requirement cannot be used to satisfy a concentration requirement.

All courses must be at the 2000 level or above.

21 semester hours must come from at least two of the following academic areas: Human Development and Psychological Counseling, Communication Science & Disorders, Social Work, Sociology, Special Education, Criminal Justice, PHL 3015, PHL 3030.

IV. MINOR (optional)

V. ELECTIVES (taken to total 122 hours for the degree) 11-16

2 semester hours of electives must be outside the major discipline

**Bachelor of Science (BS) Non-teaching
Degree Code 252*
Concentration Code 252G**

**Program of Study for Psychology
SOCIAL SCIENCE**

I. GENERAL EDUCATION CURRICULUM 44

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information.

II. MAJOR REQUIREMENTS (not including 15 semester hours for science & math and PSY 1200 already counted in Area I above) 41-46

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II & III. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered through Appalachian.

A. Introduction to Discipline (4 s.h.)

PSY 1200 ____ (3) Psychological Foundations **AND** PSY 2200 ____ (1) Careers in Psychology (*Pre: PSY 1200*)

B. Research Methods (7-8 s.h.) (**Grade of "C" or better required*)

STT 2810* ____ (3) Introduction to Statistics (*Pre: MAT 1010*) **OR** STT 2820* ____ (4) Reasoning with Statistics
PSY 3100 ____ (4) Research Methods in Psychology [**WID**] (*Pre/Co: RC 2001; Pre: PSY 1200; STT 2810/2820 w/min grade C*)

C. Foundations of Psychological Science (12 s.h.) - Choose at least one course from each of the following pairs of courses:

(*PSY 3100 is a prerequisite/co-requisite for each of these courses*)

BIOLOGICAL:	PSY 3215 ____ (3) Perception	OR	PSY 3216 ____ (3) Biological Psychology
DEVELOPMENTAL:	PSY 3210 ____ (3) Child & Adolescent Psych	OR	PSY 3218 ____ (3) Adult Development
INDIV/GROUP BEHAVIOR:	PSY 3211 ____ (3) Personality & Individual Differences	OR	PSY 3213 ____ (3) Social Psychology
LEARNING & COGNITION:	PSY 3214 ____ (3) Principles of Learning	OR	PSY 3217 ____ (3) Cognitive Processes

D. Doing Psychology (must total 3 s.h.) - Choose at least one **LABORATORY** course from the following: (*PSY 3100 is a Prereq for PSY 4211-4217*)

PSY 4211 ____ (1) Personality Laboratory (<i>Pre/Co: PSY 3211</i>)	PSY 4215 ____ (1) Perception Laboratory (<i>Pre/Co: PSY 3215</i>)
PSY 4213 ____ (1) Social Psychology Laboratory (<i>Pre/Co: PSY 3213</i>)	PSY 4216 ____ (1) Biological Psychology Lab (<i>Pre/Co: PSY 3216</i>)
PSY 4214 ____ (1) Learning Laboratory (<i>Pre/Co: PSY 3214</i>)	PSY 4217 ____ (1) Cognitive Psychology Lab (<i>Pre/Co: PSY 3217</i>)

Choose at least one **RESEARCH OR FIELDWORK** course: (Any PSY Service Learning course will fulfill this requirement except PSY ~~4100~~2100.)

PSY 4001 ____ (1-3) Research Assistant (<i>Pre: PSY 1200</i>)	PSY 4511 ____ (1) Sr Honors Thesis I (<i>Pre: PSY 1200 & 3 sh honors</i>)
PSY 4002 ____ (1-3) Supervised Research (<i>Pre: PSY 3100</i>)	PSY 4512 ____ (2) Sr Honors Thesis II (<i>Pre: PSY 4511</i>)
PSY 4220 ____ (4) Community Psychology (<i>Pre: PSY 3100</i>)	_____ (1-3) Service Learning Course
PSY 4905 ____ (1-6) Field Work in Applied Psychology (<i>Pre: PSY 3100; PSY majors only</i>)	

E. Applied Psychology (6 s.h.) – Choose at least two courses from the following:

PSY 3000 ____ (3) Educational Psychology (<i>Pre: PSY 1200</i>)	PSY 4206 ____ (3) Industrial Psychology (<i>Pre: PSY 3100</i>)
PSY 3207 ____ (3) Organizational Psychology (<i>Pre: PSY 1200</i>)	PSY 4208 ____ (3) Forensic Psychology (<i>Pre: PSY 3100</i>)
PSY 3212 ____ (3) Psychopathology (<i>Pre/Co: PSY 3100</i>)	PSY 4660 ____ (3) Psych Tests & Measurements (<i>Pre: PSY 3100</i>)
PSY 3653 ____ (3) Health Psychology (<i>Pre: PSY 1200</i>)	PSY 4700 ____ (3) Applied Behavior Mgmt (<i>Pre: PSY 3100</i>)

F. Capstone Course (3 s.h.) – Choose at least one course from the following: (*PSY 3100 is a prerequisite for each of these courses*)

PSY 4655 ____ (3) Contemporary Issues in Psychology [**CAP**] **OR** PSY 4658 ____ (3) History & Systems of Psych [**CAP**]

G. Psychology Elective Courses (Choose 6 s.h.) (*PSY 1200 is a prerequisite for each of these courses*)

Choose at least 6 hours from courses beyond the requirements in sections C - F above or the following: **PSY 3500** Independent Study (1-4); **PSY 3520** Instructional Assistance (1) (*Pre: Jr/Sr Stndg*); **PSY 4207** Evolutionary Psychology (3) (*Pre: PSY 3100*); **PSY 4208** Forensic Psychology (3) (*Pre: PSY 3100*); **PSY 3511** Honors Colloquium (3); **PSY 3512** Honors Colloquium (3); **PSY 3530-3549** Selected Topics (1-4); **PSY 4640** Seminar in Psychology (3) (*Pre: PSY 3100*).

H. Science/Math Requirement (15 s.h.) Any math and science lab courses **up to 12 hours** can be used in both general education and this requirement. An additional 3 hours must be taken from BIO, CHE, PHY, STT, MAT, or ES 2031 or 2032. Classes excluded from the additional hours are STT 1810, 2810, 2820, MAT 0010, and MAT 1010.

III. SOCIAL SCIENCE CONCENTRATION: Minimum of 21 semester hours 21

Any course used to satisfy a general education requirement cannot be used to satisfy a concentration requirement.

All courses must be from the 2000 level or above.

21 semester hours must come from at least two of the following academic areas: Anthropology, Criminal Justice, Geography and Planning, Political Science, PHL 3030, PHL 3300, PHL 3550, PHL 3600, PHL 4000, REL 3750, Sociology.

IV. MINOR (optional)

V. ELECTIVES (taken to total 122 hours for the degree) 11-16

2 semester hours of electives must be outside the major discipline

122

I. GENERAL EDUCATION CURRICULUM..... 44

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information.

II. MAJOR REQUIREMENTS 60-63 63-66

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

A. Core Sociology Courses -- 24-27 30 semester hours- All courses are required and hours only vary due to internship placement.

- SOC 1000* ____ (3) The Sociological Perspective
- ~~SOC 1110 ____ (3) Sociology of Intimate Relationships~~
- ~~SOC 2850 ____ (3) Constructions of Gender~~
- SOC 3885* ____ (3) Research Methods I [WID] (Pre: RC 2001; SOC 1000; 3 s.h. SOC)
- SOC 3895* ____ (3) Research Methods II (Pre: SOC 3885)
- SOC 3950* ____ (3) Sociological Theory I (Pre: SOC 1000; 3 s.h. SOC)
- SOC 3960* ____ (3) Sociological Theory II (Pre: SOC 3950)
- ~~SOC 4390 (3) Applied Sociology Seminar (Pre: SOC 1000; 3 sh SOC)~~
- SOC 4450* ____ (3) Senior Seminar [CAP] (Pre: 3895, 3960)
- ~~SOC 4900 (3-6) Internship (Pre: SOC 4390; 18 sh SOC; Sr. standing; 2.0 GPA)~~
- ~~SOC 4800 ____ (3) Sociology of the Family (Pre: SOC 1110)~~

~~3 semester hours of sociology electives chosen with the consent of the advisor.~~

NOTE: Each course above marked with an asterisk must be completed with a grade of "C" (2.0) or higher.

B. Core Concentration Courses – 15 semester hours

- | | |
|---|---|
| SOC 2050 (3) Social Diversity and Inequalities | SOC 4600 (3) Political Sociology (Pre: Sr. stndg) |
| SOC 2850 (3) Constructions of Gender | SOC 4750 (3) Social Stratification (Pre: Sr. stndg) |
| SOC 4560 (3) Race & Minority Relations (Pre: Sr. stndg) | |

C. Sociology Concentration Electives – Choose 12 semester hours

- | | |
|--|---|
| SOC 1100 ____ (3) Social Problems in American Society | SOC 3750 ____ (3) Propaganda, Media, & Society |
| SOC 2060 ____ (3) Religion and Society | SOC 4150 ____ (3) Sociology of Law |
| SOC 2700 ____ (3) Sociology of Sport | SOC 4250 ____ (3) Collective Behavior & Social Change |
| SOC 3100 ____ (3) Gerontology | SOC 4350 ____ (3) Constructing Bodies & Sexualities (Pre: SOC 2850) |
| SOC 3370 ____ (3) Sexual Deviance & Violence | SOC 4600 ____ (3) Political Sociology (Pre: Sr. standing) |
| SOC 3550 ____ (3) Sociology of Work & Organizations | SOC 4650 ____ (3) Women in the Justice System (Pre: Sr.stndng) |
| SOC 3600 ____ (3) Medical Sociology | SOC 4850 ____ (3) Globalization & Population (Pre: Sr stndg) |
| SOC 3710 ____ (3) Sociology of Appalachian Communities | |

D. Other Concentration Electives – Choose 12 semester hours

- | | |
|--|--|
| ANT 2215 ____ (3) Cultural Anthropology | HIS 3154 ____ (3) The Nazi Holocaust |
| ANT 2300 ____ (3) Meso American Cultures | HIS 3235 ____ (3) Mexican American History |
| ANT 2310 ____ (3) Appalachian Culture | HIS 3236 ____ (3) Immigration & Migration in American Hist |
| ANT 3610 ____ (3) Anthropology of Environmental Justice | HIS 3240 ____ (3) Race, Rock, & Rebellion |
| ANT 4245 ____ (3) Hegemony & Power | IDS 3650 ____ (3) Marx’s Capital |
| COM 3130 ____ (3) Minorities in Media | MUS 2023 ____ (3) Music & Gender |
| COM 3151 ____ (3) Gender Communication (Pre: RC 2001) | PHL 2015 ____ (3) Environmental Ethics |
| C J 3450 ____ (3) Injustice in America | PHL 3030 ____ (3) Feminist Philosophy |
| CJ/PS 3888 ____ (3) Diversity in Justice & Public Affairs | PHL 3050 ____ (3) Philosophy of Race |
| ENG 2120 ____ (3) African-American Literature | P S 3130 ____ (3) American Political Parties & Interest Grps |
| ENG 3710 ____ (3) Studies in Women and Literature | P S 3310 ____ (3) Political Ideologies |
| FDN 2350 ____ (3) Unlearning Racism | P S 3410 ____ (3) Marxism |
| GHY 3210 ____ (3) Economic Geography (Pre: intro GHY or ECO) | P S 4721 ____ (3) Human Rights (Pre: Sr.stndng) |
| GHY 3320 ____ (3) Environmental Issues in Appalachia | PSY 2305 ____ (3) Psychology of Gender |
| GHY 4200 ____ (3) Urban Geography | REL 2130 ____ (3) Islamic Religion & Culture |
| GWS 2600 ____ (3) Introduction to LGBT Studies | REL 3110 ____ (3) Religion in America |
| GWS 3000 ____ (3) Feminist Theories (Pre: RC 2001) | S D 2800 ____ (3) Environmental Justice & Sustainability |
| GWS 4600 ____ (3) Queer Theory | SW 2020 ____ (3) The American Welfare System |
| HIS 2604 ____ (3) African American Hist since Emancipation | SW 2615 ____ (3) Cultural Comp in the Helping Professions |

III. MINOR (optional)

IV. ELECTIVES (taken to total 122 hours for the degree) 12-15 15-18

2 semester hours of free electives must be outside the major discipline.

Bachelor of Science (BS)
Degree Code 284*
Concentration Code 284L

I. GENERAL EDUCATION CURRICULUM 44

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information.

II. MAJOR REQUIREMENTS..... 60-6363-66

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

A. Core Sociology Courses - 30-24-27 semester hours - All courses are required and hours only vary due to internship placement).

- SOC 1000* _____ (3) The Sociological Perspective
- ~~SOC 2020 _____ (3) Social Deviance~~
- ~~SOC 3340 _____ (3) Criminology~~
- SOC 3885* _____ (3) Research Methods I [WID] (Pre: RC 2001; SOC 1000; 3 s.h. SOC)
- SOC 3895* _____ (3) Research Methods II (Pre: SOC 3885)
- SOC 3950* _____ (3) Sociological Theory I (Pre: SOC 1000; 3 s.h. SOC)
- SOC 3960* _____ (3) Sociological Theory II (Pre: SOC 3950)
- ~~SOC 4390 _____ (3) Applied Sociology Seminar (Pre: SOC 1000; 3 sh SOC)~~
- SOC 4450* _____ (3) Senior Seminar [CAP] (Pre: SOC 3895, 3960)
- ~~SOC 4900 _____ (3-6) Internship (Pre: SOC 4390; 18 sh SOC; Sr. standing; 2.0 GPA)~~

Choose one:

- ~~SOC 3350 _____ (3) Corrections (Pre: SOC 3340 or 3360)~~
- ~~SOC 4150 _____ (3) Sociology of Law~~

~~3 semester hours sociology electives chosen with the consent of the advisor~~

Note: Each course above marked with an asterisk must be completed with a grade of "C" (2.0) or higher.

B. Core Concentration Courses – 15 semester hours

- SOC 2020 _____ (3) Social Deviance
- SOC 2050 _____ (3) Social Diversity & Inequalities
- SOC 3340 _____ (3) Criminology
- SOC 4150 _____ (3) Sociology of Law
- SOC 4340 _____ (3) Punishment in Amer Society (Pre: SOC 3340 or 3350)

C. Sociology Concentration Electives – Choose 12 semester hours with advisor consent

- SOC 3350 _____ (3) Corrections (Pre: SOC 3340 or 3360)
- SOC 3360 _____ (3) Juvenile Delinquency
- SOC 3370 _____ (3) Sexual Deviance & Violence
- SOC 3800 _____ (3) Sociology of War
- SOC 4560 _____ (3) Race & Minority Relations (Pre: Sr. Standing)
- SOC 4600 _____ (3) Political Sociology (Pre: Sr. Standing)
- SOC 4650 _____ (3) Women in the Justice System (Pre: Sr. Standing)
- SOC 4850 _____ (3) Globalization & Population (Pre: Sr. Standing)

D. Other Concentration Electives – Choose 12 semester hours with advisor consent

- C J 2150 _____ (3) The Judicial Process
- OR
- C J 3050 _____ (3) American Legal Systems
- C J 3551 _____ (3) Criminal Law
- OR
- C J 3552 _____ (3) Criminal Procedure
- CJ/PS 3888 _____ (3) Diversity in Justice & Public Affairs
- CJ/PS 4550 _____ (3) Law & Society (Pre: Jr./Sr. Standing)
- CJ/PS 4680 _____ (3) Organized Crime (Pre: Sr. Standing)
- COM 3305 _____ (3) Communication Law
- ENG 3140 _____ (3) Literature and Law
- FCS 3106 _____ (3) Adolescent Development
- HIS 3424 _____ (3) History of Women & the Law
- HPC 4570 _____ (3) The Addictive Process (Pre: Sr. Standing)
- PHL 3040 _____ (3) Social & Political Philosophy (Pre: RC 2001)
- P S 3150 _____ (3) Constitutional Law
- P S 3230 _____ (3) American Legislative Politics
- P S 3660 _____ (3) Administrative Law
- PSY 2210 _____ (3) Psychology of Human Growth & Dev
- PSY 2211 _____ (3) Psychology of Personality
- PSY 2212 _____ (3) Abnormal Psychology
- PSY 3210 _____ (3) Child & Adolescent Psych

III. MINOR (optional)

IV. ELECTIVES (taken to total 122 hours for the degree) 15-1812-15

2 semester hours of free electives must be outside the major discipline.

I. GENERAL EDUCATION CURRICULUM..... 44

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information.

II. MAJOR REQUIREMENTS 63-66

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

A. Core Sociology Courses – 24-27 semester hours- All courses are required and hours only vary due to internship placement.

- SOC 1000* ____ (3) The Sociological Perspective
- SOC 3885* ____ (3) Research Methods I **[WID]** (Pre: RC 2001; SOC 1000; 3 s.h. SOC)
- SOC 3895* ____ (3) Research Methods II (Pre: SOC 3885)
- SOC 3950* ____ (3) Sociological Theory I (Pre: SOC 1000; 3 s.h. SOC)
- SOC 3960* ____ (3) Sociological Theory II (Pre: SOC 3950)
- SOC 4390 ____ (3) Applied Sociology Seminar (Pre: SOC 1000; 3 sh SOC)
- SOC 4450* ____ (3) Senior Seminar **[CAP]** (Pre: 3895, 3960)
- SOC 4900 ____ (3-6) Internship (Pre: SOC 4390; 18 sh SOC; Sr. standing; 2.0 GPA)

NOTE: Each course above marked with an asterisk must be completed with a grade of "C" (2.0) or higher.

B. Core Concentration Courses – 15 semester hours

- SOC 1110 ____ (3) Sociology of Intimate Relationships
- SOC 2850 ____ (3) Constructions of Gender
- SOC 3370 ____ (3) Sexual Deviance & Violence
- SOC 4350 ____ (3) Constructing Bodies & Sexualities (Pre: SOC 2850)
- SOC 4800 ____ (3) Sociology of the Family (Pre: SOC 1110; Sr. stndg)

C. Sociology Concentration Electives – Choose 12 semester hours

- SOC 2040 ____ (3) Popular Culture
- SOC 2060 ____ (3) Religion and Society
- SOC 3100 ____ (3) Gerontology
- SOC 3550 ____ (3) Sociology of Work & Organizations
- SOC 4560 ____ (3) Race & Minority Relations (Pre: Sr.stndng)
- SOC 4650 ____ (3) Women in the Justice System (Pre: Sr.stndng)
- SOC 4750 ____ (3) Social Stratification (Pre: Sr.stndng)
- SOC 4850 ____ (3) Globalization & Population (Pre: Sr.stndng)

D. Other Concentration Electives – Choose 12 semester hours

- ANT 2215 ____ (3) Cultural Anthropology
- ANT 2420 ____ (3) Gender, Race, & Class
- ANT 3420 ____ (3) Women & Gender in Anthropology
- ANT 4350 ____ (3) Human Reproduction from Evolu Perspec
- FCS 2103 ____ (3) Family Development: Origins & Movemts
- FCS 2111 ____ (3) Social History of the Family
- FCS 4551 ____ (3) Families in Later Life (Pre: FCS 2103; Sr stndg)
- GWS 2525 ____ (3) Global Women’s Issues
- GWS 2600 ____ (3) Introduction to LGBT Studies
- GWS 3000 ____ (3) Feminist Theories (Pre: RC 2001)
- GWS 3100 ____ (3) Girls Coming of Age
- GWS 3350 ____ (3) Gender, Media, & Popular Culture
- GWS 4600 ____ (3) Queer Theory
- HIS 1600 ____ (3) Migration in World History
- HIS 3137 ____ (3) Gender, Sex & Sexuality in Early Modern Europe
- HIS 3236 ____ (3) Immigration & Migration in American Hist
- HIS 3240 ____ (3) Race, Rock, & Rebellion
- HIS 3422 ____ (3) Women in History
- PHL 3030 ____ (3) Feminist Philosophy
- PSY 2100 ____ (3) Psychology of Parenting
- PSY 2210 ____ (3) Psychology of Growth & Development
- PSY 3210 ____ (3) Child & Adolescent Psych (Pre: RC 2001)
- REL 3030 ____ (3) Women in the Biblical Tradition
- SW 2020 ____ (3) The American Welfare System
- SW 2615 ____ (3) Cultural Comp in the Helping Professions

III. MINOR (optional)

IV. ELECTIVES (taken to total 122 hours for the degree) 12-15

2 semester hours of free electives must be outside the major discipline.

I. GENERAL EDUCATION CURRICULUM44

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information.

II. MAJOR REQUIREMENTS.....63-66

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

A. Core Sociology Courses- 24-27 semester hours

SOC 1000*	_____	(3)	The Sociological Perspective
SOC 3885*	_____	(3)	Research Methods I [WID] (Pre: RC 2001; SOC 1000; 3 s.h. Soc)
SOC 3895*	_____	(3)	Research Methods II (Pre: SOC 3885)
SOC 3950*	_____	(3)	Sociological Theory I (Pre: SOC 1000; 3 s.h. SOC)
SOC 3960*	_____	(3)	Sociological Theory II (Pre: SOC 3950)
SOC 4390	_____	(3)	Applied Sociology Seminar (Pre: SOC 1000; 3 s.h. SOC)
SOC 4450*	_____	(3)	Senior Seminar [CAP] (Pre: SOC 3895, 3960)
SOC 4900	_____	(3-6)	Internship (Pre: SOC 4390; 18 s.h. SOC; Sr. standing; 2.0 GPA)

NOTE: courses marked with an asterisk must be completed with a grade of "C" 2.0) or higher.

B. Core Concentration Courses – 15 hours

SOC 2050 _____	(3)	Social Diversity and Inequalities	SOC 3550 _____	(3)	Sociology of Work & Organizations
SOC 3100 _____	(3)	Gerontology	SOC 3600 _____	(3)	Medical Sociology
SOC 3150 _____	(3)	Environmental Sociology			

C. Sociology Concentration Electives – Choose 9 semester hours

SOC 1100 _____	(3)	Social Problems in American Society	SOC 4600 _____	(3)	Political Sociology (Pre: Sr standing)
SOC 3370 _____	(3)	Sexual Deviance & Violence	SOC 4650 _____	(3)	Women in the Justice System (Pre: Sr standing)
SOC 3710 _____	(3)	Sociology of Appalachian Communities	SOC 4750 _____	(3)	Social Stratification (Pre: Sr. standing)
SOC 3800 _____	(3)	Sociology of War	SOC 4800 _____	(3)	Sociology of the Family (Pre: Sr standing)
SOC 4350 _____	(3)	Construct Bodies & Sexualities (Pre: SOC 2850)	SOC 4850 _____	(3)	Globalization
SOC 4560 _____	(3)	Race & Minority Relations (Pre: Sr. standing)			

D. Other Concentration Electives – Choose 15 semester hours

ANT 2230 _____	(3)	Biological Anthropology	NUT 2202 _____	(3)	Nutrition & Health
ANT 3660 _____	(3)	Medical Anthropology	NUT 2351 _____	(3)	Global Nutrition
BIO 3320 _____	(3)	Air Pollution Effects on Plants & People (BIO 1201 & 1202; Jr stdg)	NUT 4300 _____	(3)	Effect. Rural Prac for Health Prof (Pre: Sr stdg)
BIO 4563 _____	(3)	Biology of Aging (Pre: BIO 1801; Sr. stdg)	NUT 4540 _____	(3)	Diet & Public Health (Pre: NUT 2202)
COM 3131 _____	(3)	Health Communication in Interpersonal Settings	PHL 3015 _____	(3)	Medical Ethics
CSD 3320 _____	(3)	Cultural Diversity & Communication Disorders	P S 3280 _____	(3)	Public Policy Analysis
ECO 3610 _____	(3)	Economics of Health Care (Pre: ECO 2030 w/grade of C-)	PSY 2210 _____	(3)	Psyc of Human Growth & Development
E S 2005 _____	(3)	Intro to Physiological Assessment	PSY 2212 _____	(3)	Abnormal Psychology
E S 3590 _____	(3)	Interprofessional Approaches to Health & Physical Activity	PSY 3653 _____	(3)	Health Psychology (Pre: PSY 1200)
FCS 4551 _____	(3)	Families in Later Life (Pre: FCS 2103; Sr standing)	PSY 4562 _____	(3)	Psyc of Adulthood & Aging (Pre: PSY 1200)
FIN 3730 _____	(3)	Health Plan Design & Management	R M 2400 _____	(3)	Leisure & Lifespan
HED 3450 _____	(3)	School Health Programs	SPE 4592 _____	(3)	Medical Aspects of Disability
H P 2200 _____	(3)	Lifestyle Disease & Risk Reduction	S W 2020 _____	(3)	The American Social Welfare System
H P 3700 _____	(3)	Health Behavior Changes	S W 4630 _____	(3)	Programs & Services for Older Adults (Pre: Admit to prof sequence or permission of BSW Prog Dir)
H P 3800 _____	(3)	Health Program Planning & Evaluation I (Pre: R C 2001)			
HPC 3390 _____	(3)	An Intro to Procedures in Health Prof			
HPC 4570 _____	(3)	The Addictive Process (Pre: Sr stdg)			

III. MINOR (optional)

IV. ELECTIVES (taken to total 122 hours for the degree) 12-15

2 semester hours of free electives must be outside the major discipline.

2016-2017
Minor Program of Study
PROPOSED

Experiential, Integrative Learning

Required hours: 15 hours

Minor Code: **XXX**

A minor in experiential, integrative learning consists of 15 hours of WRC (or cross-listed) courses, all of which must be at or above the 2000 level. At least 3 hours must be WRC (or cross-listed) courses at the 3000 level. In addition, there will be a required a 3 hour WRC capstone class.

I. Required WRC courses (9 hours; all must be at or above 2000-level)

Course	Grade	Hours
WRC _____	_____	_____
WRC _____	_____	_____
WRC _____	_____	_____

II. Required WRC upper division course (3 hours at or above 3000-level)

WRC _____	_____	_____
-----------	-------	-------

III. Capstone Course Requirement (3 hours)

WRC 4001 _____ (3) Seminar in Experiential, Integrative Learning (*Pre: instructor permission required*)

A minimum of 9 hours must be 'in residence,' i.e. courses taken through ASU (can include study abroad, ASU online courses, etc.). Courses that are cross-listed between WRC and another department will count if the transcript records the other department (e.g., IDS 2302).

JOHN A. WALKER
COLLEGE OF BUSINESS
INTERNATIONAL BUSINESS MINOR (337)
~~Fall 2015 – Summer 2016~~ **Fall 2016-Summer 2017**

The International Business minor is available to all majors, except International Business majors. The minor provides multidisciplinary business training designed to complement the student's functional major. This allows students the opportunity to develop their functional skills while utilizing their elective hours to study the international aspects of business. Students are advised to take all 2000 level courses prior to the 3000 level courses in the minor. ~~Students not admitted to the College of Business may take, at most, five business courses at the 3000/4000 level (unless more courses are required by a business minor or non-business major). Students must have 57 hours to take 3000 level COB core courses, 60 hours to take any other 3000 level COB course, and 90 hours to take any 4000 level COB course.~~ Students may take a maximum of five business courses at the 3000-level or above, including graduate-level courses (unless more are specifically listed as required on the Program of Study for a non-business major, a required concentration, or a required minor). In addition to other prerequisites, a minimum grade of "C" in a WID (Writing in the Discipline) course is required prior to taking any 4000 level business courses. Prerequisites for 3000 level and 4000 level business courses, in addition to course specific prerequisites, are as follows: 54 earned hours for 3000 level business courses and 84 earned hours and a minimum grade of "C" in any Writing in the Discipline (WID) course for 4000 level business courses.

A minimum overall GPA of 2.0 is required for the courses included in the minor.

Students pursuing an international business minor must take the following required and elective courses:

REQUIRED COURSES (6 sh)

ECO 3410	International Economics (prereq: ECO 2030, ECO 2040)	3 sh
FIN 3350	International Business Transactions (prereq: LAW 2150)	3 sh

REQUIRED ELECTIVE (Select 3 sh)

BUS 3900	International Business Internship	3 sh
BUS 4540 4065	International Business Study in Asia II in China (Holland Fellow only)	3 sh
ENT 3190	International Entrepreneurship – prereq: ENT 3060 (fall only)	3 sh
FIN 4800	International Insurance Markets – (spring only) (prereq: FIN 3100)	3 sh
	Any business course with study abroad component	3 sh
	*Language courses at or above the level of 1050 – prereq: 1010, 1020, 1040	3 sh
	*Approved non-business course with study abroad component	3 sh

OTHER ELECTIVES (Select 6 sh)

ACC 3590	Assessing Sustainability in a Global Business Environment (on demand)	3 sh
ACC 4730	Accounting and International Business (prereq: ACC 3100 or equivalent with a minimum grade of C-)	3 sh
BUS 3900	International Internship (6 sh – 3 sh can count in required electives if desired)	3-6 sh
BUS 4530 4060	International Business Study in Asia I in China Orientation (Holland Fellow only)	3 sh
BUS 4540 4065	International Business Study in Asia II in China – if not counted as required elective (Holland Fellow only)	3 sh
CIS 3620	Issues in Global Information Technologies (on demand)	3 sh
ECO 4640	International Macroeconomics (fall only) (prereq: ECO 2030)	3 sh
ENT 3190	International Entrepreneurship – (prereq: ENT/MGT 3060) (fall only)	3 sh
ENT 3600	Entrepreneurship Study Abroad (3 s.h. only)	3 sh
FIN 4750	International Business Finance (prereq: FIN 3680)	3 sh
FIN 4800	International Insurance Markets – if not counted as required elective (spring only) (prereq: FIN 3100)	3 sh
MGT 3670	International Human Resource Management (spring only)	3 sh
MGT 3800	International Management (prereq: MGT 3630)	3 sh
MKT 4550	International Marketing (prereq: MKT 3050 with a minimum grade of "C")	3 sh
SCM 3680	Supply Chain Technologies in a Global Environment (on demand) (prereq: CIS 1026 and CIS 2050 or equivalent or permission of the chairperson/director)	3 sh
SCM 3690	Global Supply Chain and Logistics (prereq: ECO 2100 or STT 2810 or STT 2820 or permission)	3 sh
	3000+ business course with study abroad component	3 sh
	Approved business selected topics courses	3-6 sh
	*US 3800 International Study	3 sh
	*GLS 4000 Seminar in Global Studies – prereq: ENG 2001 or equivalent	3 sh
	*PS 2240 Comparative Politics	3 sh
	*Selected approved courses in the areas of anthropology, geography, history or political science	3 sh

TOTAL: 15 sh

***No more than three hours from non-business courses can count in the IB minor.**

Special note for non-business majors: This minor requires a minimum of nine hours of additional prerequisite coursework.

No more than one business minor can be declared by a non-business major.

For Additional Information contact:
College of Business Advising
2126 Peacock Hall
(828) 262-2700

INTERNATIONAL BUSINESS (337A)
Bachelor of Science in Business Administration (B.S.B.A.)

~~Fall 2015 – Summer 2016~~ **Fall 2016 – Summer 2017**

GENERAL EDUCATION REQUIREMENTS (44 sh) – the following 16 sh of major requirements can also count in the General Education Program:

- RC 1000 and 2001 (6 sh) ~~count as~~ fulfill the General Education Writing Across the Curriculum requirements
- MAT ~~1030/1110 (4 sh)~~ **1035 (3 sh)** and 1 sh of ECO 2100 ~~count as a~~ fulfill the General Education Quantitative Literacy requirement
- ECO 2030 and ECO 2040 (6 sh) ~~count as~~ fulfill the General Education Liberal Studies Experience requirement

COB ADMISSION REQUIREMENTS (28 27 sh)

2.5 cumulative GPA (based on 12+ graded hours at ASU), 60 earned hours and completion of the following:

- _____ RC 1000 (min. grade of "C" required) (hours already counted in Gen Ed)
- _____ RC 2001 (prereq: RC/ENG 1000 & UCO 1200) (min. grade of "C" required) (hours already counted in Gen Ed)
- _____ MAT ~~1030 or 1110 (4 sh)~~ **1035* (3 sh)** (min. grade of "C-" required) (hours already counted in Gen Ed)
- _____ BUS 2000 (0 sh) – graded S/U (prereq: 24 earned hours)
- _____ Computer Proficiency - passing score on the Basic Computer Skills Proficiency Test or credit for CIS 1026 (min. grade "C-" required)
See www.advising.business.appstate.edu for link to test information

COB LOWER LEVEL CORE

(2.0 average required; Minimum grade of "C- required in each course)

- _____ ACC 2100 (prereq: 24 EH)
- _____ ACC 2110 (prereq: min. grade of "C-" in ACC 2100)
- _____ ECO 2030* (hours already counted in Gen Ed)
- _____ ECO 2040* (prereq: ECO 2030) (hours already counted in Gen Ed)
- _____ ECO 2100* (prereq: MAT 1020, 1030, **1035** or 1110) (can sub. STT 2810 or 2820)
- _____ LAW 2150

Students cannot be admitted to the COB with any outstanding grades of "I".

*MAT 1035, ECO 2030, ECO 2040, and one sh of ECO 2100 already count in Gen Ed.

ADDITIONAL COB CORE (25 sh)

(2.0 average required)

- _____ BE 3340 (prereq: RC/ENG 2001) **or** ENG 3100 (prereq: RC/ENG 2001 & 54 EH) (Writing in the Discipline Requirement) (min. grade of "C" in BE 3340/ENG 3100 required to take 4000 level business courses)
- _____ CIS 2050
- _____ ECO 2200 (prereq: ECO 2100 or STT 2810 or STT 2820)
- _____ FIN 3680 (prereq: MAT 1030 **or** 1035 & ACC 2100)
- _____ MGT 3630
- _____ MKT 3050 (prereq: ECO 2030)
- _____ SCM 3650
- _____ **MGT 4750*** (prereq: all 2000/3000 level "Additional COB Core" and final semester of coursework)
- _____ **BUS 4000* (1 sh)** (Capstone Requirement) (prereq: all 2000/3000 "Additional COB Core" and final semester of coursework)

*A senior check and, for students graduating in the term in which these are taken, a graduation application, must be completed prior to registering for these courses.

GLOBAL ISSUES REQUIREMENT

The Global Issues requirement is automatically met with the international business courses and the international experience.

***** IN ORDER TO GRADUATE, INTERNATIONAL BUSINESS MAJORS MUST ACHIEVE A MINIMUM AVERAGE G.P.A. OF 2.0 IN THE FOLLOWING 15 18 HOURS OF INTERNATIONAL BUSINESS REQUIRED COURSES AND MAJOR ELECTIVES. *****

REQUIRED – INTERNATIONAL BUSINESS (6 s.h.)

- _____ FIN 3350 (International Business Transactions) – prereq: LAW 2150
- _____ ECO 3410 (International Economics)– prereq: ECO 2030, 2040

REQUIRED ELECTIVE (3 s.h.) – take one of the following:

- _____ ECO 4640 (International Microeconomics) – prereq: ECO 2040 (*fall only*)
- or _____ FIN 4750 (International Business Finance) – prereq: FIN 3680

MAJOR ELECTIVES (9 s.h.)

- _____ ACC 3590 (Assessing Sustainability in a Global Business Environment) (*on demand*)
- _____ ACC 4730 (Accounting & International Business)–prereq: ACC 2110 or ACC 5190 or equivalent
- _____ BUS 3900 (3 sh only) (International Business Internship) – prereq: admission to COB and permission of IB coordinator
- _____ BUS ~~4530~~ **4060** (Holland Fellows International Business Study in China Orientation-Asia I) – Holland Fellows-by invitation only (*spring only*)
- _____ BUS ~~4540~~ **4065** (Holland Fellows International Business Study in Asia II) – Holland Fellows-by invitation only (*summer session I only*)
- _____ CIS 3620 (Issues in Global/International Information Technology) (*on demand*)
- _____ ECO 4640 (International Macroeconomics) - prereq: ECO 2040 (*fall only*) - *if not counted as required elective*
- _____ ENT 3190 (International Entrepreneurship) – prereq: ENT/MGT 3060 (*fall only*)
- _____ **ENT 3600 (3 sh only)**(Entrepreneurship Study Abroad) (*on demand*)
- _____ FIN 4750 (International Business Finance) - prereq: FIN 3680 – *if not counted as required elective*
- _____ FIN 4800 (International Insurance Markets) – prereq: FIN 3100 (*spring only*)
- _____ MGT 3670 (International Human Resource Management) (*spring only*)
- _____ MGT 3800 (International Management) - prereq: MGT 3630
- _____ MKT 4550 (International Marketing) - prereq: MKT 3050 with a minimum grade of "C"
- _____ SCM 3680 (Supply Chain Technologies in a Global Environment) (*on demand*) – prereq: CIS 1026 and CIS 2050 or equivalent or permission of chairperson/director
- _____ SCM 3690 (Global Supply Chain and Logistics)– prereq: ECO 2100 or STT 2810 or **STT 2820** or permission of chairperson/director
- _____ Other approved selected topics (ex: uUp to 3 s.h. of 3000+ COB faculty-led study abroad courses)
- _____ Other approved selected topics

OTHER PREREQUISITE INFORMATION

Students must have ~~57~~ **54** hours to take 3000 level COB core courses and ~~90~~ **84** hours to take any 4000 level COB course.

In addition to other prerequisites, a minimum grade of "C" in a WID course is required prior to taking any 4000 level business courses.

No more than five 3000/4000 level COB courses can be taken by students not admitted to the COB.

No more than five business courses at the 3000 level or above, including graduate-level courses, can be taken by students not admitted to the COB.

LANGUAGE REQUIREMENT (15 s.h.)

A minor in a second language or, if no minor is available, a minimum of 15 hours at the 2000 level or above in the selected language as chosen in consultation with the Department of Languages, Literatures and Cultures. CHN/FRE/GER/JPN/SNH 3520 (Instructional Asst.) cannot be included in the language requirement. Students also pursuing a language major cannot declare a minor in the same language but must meet the requirements below as part of the language major. All language course work must have an average GPA of 2.0. Prior to enrolling in courses at the 2000 level or above, the student must have completed course work through the intermediate level (1050) or have passed a proficiency test of the chosen language. This can require as much as 12 s.h. of 1000 level coursework.)

Chinese	French	German	Japanese	Russian	Spanish
_____ CHN 2001	_____ FRE 2005	_____ GER 2010	_____ JPN 2001	_____ RSN 2010	_____ SNH 2005
_____ CHN 2003	_____ FRE 2010	_____ GER 2015	_____ JPN 2003	_____ RSN 2015	_____ SHN 2010
_____ CHN 2000+ elective	_____ FRE 2035	_____ *GER 2000+ elective	_____ *JPN 2000+ elective	_____ *RSN 2000+ elective	_____ SNH 4090
_____ CHN 2000+ elective	_____ *FRE 2000+ elective	_____ *GER 2000+ elective	_____ *JPN 2000+ elective	_____ *RSN 2000+ elective	_____ *SNH 2000+ elective
_____ CHN 2000+ elective	_____ *FRE 2000+ elective	_____ *GER 2000+ elective	_____ *JPN 2000+ elective	_____ *RSN 2000+ elective	_____ *SNH 2000+ elective

*Cannot include CHN 3520, FRE 3520, GER 3520, JPN 3520, RSN 3520, SNH 3520. A minimum overall GPA of 2.0 is required for the courses included in the minor.

INTERNATIONAL EXPERIENCE

(The student must participate in an international experience approved by the College. The experience must have a duration of at least 10 weeks. Generally, this will be satisfied through an international internship or a semester study abroad.) **Completion of International Experience**

APPROVED ELECTIVES (96 s.h.)

selected *with the approval of the COB* in support of the student's international business training. Typically the courses are in the following categories: additional 3000/4000 level business classes, additional second-language classes at the 3000/4000 level, internship, selected non business electives in the areas of anthropology, geography, history, or political science – PS 2240 has been pre-approved to count in this category) (*cannot use MGT 3010 or FIN 3010*)

FREE ELECTIVES (56 s.h.) – 5 6 s.h. any level inside or outside of the COB

TOTAL HOURS REQUIRED: 125 (97 sh major requirements/electives PLUS 44 sh Gen Ed requirements MINUS 16 sh of major requirements already counted in Gen Ed) 11/15

**WALKER COLLEGE OF BUSINESS
DEPARTMENT OF MANAGEMENT
Sustainable Business Minor (349)
~~Fall 2015-Summer 2016~~ Fall 2016-Summer 2017**

The Sustainable Business minor is available to both business and non-business majors. Students may earn a Sustainable Business minor by the completion of the following 18 hours of coursework:

Required courses (15 s.h.):

MGT 3300	Sustainable Business – Theory and Practice	3 s.h.
SD 2400	Principles of Sustainable Development	3 s.h.
MGT 3170	Creativity and Design	3 s.h. delete
ECO 2620	Environmental and Resource Economics (<i>fall only</i>)	3 s.h.
ACC 3590	Assessing Sustainability in a Global Business Environment (on demand)	3 s.h.

Select one of the following: 3 s.h.

MGT 3400	Change Management (<i>spring only</i>) delete
MGT 3170	Creativity and Design
<u>or</u> ENT 3650	Social Entrepreneurship (<i>spring only</i>)

Electives (Select 3 s.h. from the following courses): 3 s.h.

ENT 3650	Social Entrepreneurship (<i>spring only</i>) (<i>if not taken as required course</i>)
MGT 3170	Creativity and Design (<i>if not taken as required course</i>)
MGT 3400	Change Management (<i>spring only</i>) (<i>if not taken as required course</i>) delete phrase
MGT 3900	Internship – only 3 s.h. may apply toward minor (<i>summer only</i>)
MGT 4770	Business Ethics
ACC 3200	Cost Accounting (prereq: minimum grade of “C” in ACC 2110) delete
ANT 3620	Political Ecology and Sustainability (<i>alternate springs</i>)
ECO 4621	Environmental Economics (prereqs: ECO 2030 or ECO 2620 and minimum grade “C” in WID course) (<i>spring only</i>) (<i>dual-listed; requires senior standing</i>)
ECO 4660	Benefit-Cost Analysis (prereqs: ECO 2030 and minimum grade “C” in WID course) (<i>fall only</i>) (<i>dual-listed; requires senior standing</i>)
HOS 3100	Sustainable Tourism (<i>spring only</i>)
MKT 3290	Services Marketing (prereq: minimum grade of “C” in MKT 3050) (<i>on demand</i>)
PS 4670	Environmental Politics (<i>spring only</i>)
SD 2800	Environmental Justice and Sustainability (<i>fall only</i>)
SCM 3660	Principles of Supply Chain Management (prereq: ECO 2100 or STT 2810 or permission of the chairperson/director)
SOC 4250	Collective Behavior and Social Change (<i>fall only; alternate years</i>)
TEC 2029	Society and Technology

Students not admitted to the College of Business may take, at most, five business courses at the 3000/4000 level (unless more courses are required by a business minor or non-business minor). Students must have 57 hours to take 3000 level COB core courses, 60 hours to take any other 3000 level COB course, and 90 hours to take any 4000 level COB course. In addition to other prerequisites, a minimum of grade of “C” in a WID (Writing in the Discipline) course is required prior to taking any 4000 level business courses. **A minimum overall GPA of 2.0 is required for the courses included in the minor.**

NO MORE THAN ONE BUSINESS MINOR CAN BE DECLARED BY A NON-BUSINESS MAJOR.

For Additional Information, Contact:
Undergraduate Advising Office
Room 2126 **Peacock** Hall
(828) 262-2700

WALKER COLLEGE OF BUSINESS
DEPARTMENT OF MANAGEMENT
Hospitality and Tourism Management Minor (XXX)
Fall 2016-Summer 2017

The Hospitality and Tourism Management (HOS) minor is available to both business and non-business majors, except Hospitality and Tourism Management majors. Students may earn an HOS minor by the completion of the following 15 hours of coursework:

Required courses (15 s.h.):

HOS 2000	Survey of the Hospitality and Tourism Industry	3 s.h.
<u>Select three of the following:</u>		9 s.h.
HOS 3100	Sustainable Tourism (<i>spring only</i>)	
HOS 3700	Hospitality Management Operations I (prereq: HOS 2000)	
HOS 3800	Hospitality Management Operations II (prereq: HOS 2000)	
HOS 4040	Destination Management (<i>spring only</i> ; prereq: a minimum grade of "C" in any Writing in the Discipline course)	
HOS 4050	Meeting & Convention Management (<i>fall only</i> ; prereq: a minimum grade of "C" in any Writing in the Discipline course)	
An HOS Study Abroad course, with approval of the HOS Program Director		

Electives (Select 3 s.h. from the following courses): 3 s.h.

ENT 3060	Opportunity & Entrepreneurship
ENT 3650	Social Entrepreneurship (<i>spring only</i>)
MGT 3620	Human Resource Management
MGT 3800	International Management (prereq: MGT 3010 or 3630)

Additionally, one elective course can be selected from courses outside the major and must be approved by the HOS Program Director. Alternatively, a student could take five HOS courses for completion of the minor.

Students not admitted to the College of Business may take, at most, five business courses at the 3000/4000 level (unless more courses are required by a business minor or non-business minor). Students must have 57 hours to take 3000 level COB core courses, 60 hours to take any other 3000 level COB course, and 90 hours to take any 4000 level COB course. In addition to other prerequisites, a minimum of grade of "C" in a WID (Writing in the Discipline) course is required prior to taking any 4000 level business courses. A minimum overall GPA of 2.0 is required for the courses included in the minor.

No more than one business minor can be declared by a non-business major.

MARKETING – SALES CONCENTRATION (352C)
Bachelor of Science in Business Administration (B.S.B.A.)
Fall 2016 – Summer 2017

GENERAL EDUCATION REQUIREMENTS (44 sh) – the following 16 sh of major requirements can also count in the General Education Program:

- ♦ RC 1000 and 2001 (6 sh) ~~count as~~ fulfill the General Education Writing Across the Curriculum requirements
- ♦ ~~MAT 1030/1110 (4 sh)~~ **MAT 1035 (3 sh) and 1 sh of ECO 2100** ~~counts as a~~ fulfill the General Education Quantitative Literacy requirement
- ♦ ECO 2030 and ECO 2040 (6 sh) ~~count as~~ fulfill the General Education Liberal Studies Experience requirement

COB ADMISSION REQUIREMENTS (28 27 sh)

2.5 cumulative GPA (based on 12+ graded hours at ASU), 60 earned hours and completion of the following:

- _____ RC 1000 (min. grade of "C" required) (hours already counted in Gen Ed)
- _____ RC 2001 (prereq: RC/ENG 1000 & UCO 1200) (min. grade of "C" required) (hours already counted in Gen Ed)
- _____ MAT ~~1030 or 1110 (4 sh)~~ **1035* (3 sh)** (min. grade of "C-" required) (hours already counted in Gen Ed)
- _____ BUS 2000 (0 sh) – graded S/U (prereq: 24 earned hours)
- _____ Computer Proficiency - passing score on the Basic Computer Skills Proficiency Test or credit for CIS 1026 (min. grade "C-" required)
See www.advising.business.appstate.edu for link to test information

COB LOWER LEVEL CORE

(2.0 average required; Minimum grade of "C- required in each course)

- _____ ACC 2100 (prereq: 24 EH)
- _____ ACC 2110 (prereq: min. grade of "C-" in ACC 2100)
- _____ ECO 2030* (~~hours already counted in Gen Ed~~)
- _____ ECO 2040* (prereq: ECO 2030) (~~hours already counted in Gen Ed~~)
- _____ ECO 2100* (prereq: MAT 1020, 1030, 1035, or 1110) (can sub. STT 2810 or 2820)
- _____ LAW 2150

Students cannot be admitted to the COB with any outstanding grades of "I".

*MAT 1035, ECO 2030, ECO 2040, and one sh of ECO 2100 already count in Gen Ed.

ADDITIONAL COB CORE (25 sh)

(2.0 average required)

- _____ BE 3340 (prereq: RC/ENG 2001) **or** ENG 3100 (prereq: RC/ENG 2001 & 54 EH) (Writing in the Discipline Requirement) (min. grade of "C" in BE 3340/ENG 3100 required to take 4000 level business courses)
- _____ CIS 2050
- _____ ECO 2200 (prereq: ECO 2100 or STT 2810 or STT 2820)
- _____ FIN 3680 (prereq: MAT 1030 **or** 1035 & ACC 2100)
- _____ MGT 3630
- _____ MKT 3050 (prereq: ECO 2030)
- _____ SCM 3650
- _____ **MGT 4750*** (prereq: all 2000/3000 level "Additional COB Core" and final semester of coursework)
- _____ **BUS 4000* (1 sh)** (Capstone Requirement) (prereq: all 2000/3000 "Additional COB Core" and final semester of coursework)

*A senior check and, for students graduating in the term in which these are taken, a graduation application, must be completed prior to registering for these courses.

GLOBAL ISSUES REQUIREMENT

(met within the other degree requirements – does not require additional course work)

The Global Issues requirement can be met by satisfying one of the following:

- _____ **International business course** (ACC 3590, ACC 4730; ~~BUS 4540~~ **4065**; CIS 3620; ECO 3410; ECO 3430, ECO 4640; ENT 3190, ENT 3600; FIN 3350, FIN 4750, FIN 4800; MGT 3670, MGT 3800; MKT 4550; SCM 3680, SCM 3690 and others upon approval)
- _____ **Business summer study abroad** (minimum 3 sh)
- _____ **Semester long study abroad for credit**
- _____ **Full-time 400-hour minimum international internship for credit**
- _____ **Foreign language courses at or above the 3000 level**

***** IN ORDER TO GRADUATE, MARKETING MAJORS MUST ACHIEVE A MINIMUM AVERAGE G.P.A. OF 2.0 IN THE FOLLOWING 21 HOURS OF REQUIRED AND ELECTIVE 3000/4000-LEVEL MARKETING COURSES. *****

MARKETING MAJOR COMMON CORE (6 s.h.)

- _____ MKT 4620 (Marketing Research) - prereq: "C" in MKT 3050, ECO 2200
- _____ MKT 4650 (Strategic Marketing Management) – prereq: "C" in MKT 3050

REQUIRED – SALES CONCENTRATION (6 s.h.)

- _____ MKT 3215 (Professional Selling) - prereq: "C" in MKT 3050
- _____ MKT 3220 (Sales Management) - prereq: "C" in MKT 3050

SALES CONCENTRATION ELECTIVE SET 1 (3 s.h.) – select one of the following:

- _____ MKT 3270 (Consumer Behavior) - prereq: "C" in MKT 3050
- _____ MKT 3280 (Business-to-Business Buyer Behavior) - prereq: "C" in MKT 3050

SALES CONCENTRATION ELECTIVE SET 2 (3 s.h.) – select one of the following:

- _____ MKT 3910* (Sales Internship) – MKT 3910 is a 3 or 6 s.h. course, but only 3 of these hours may apply to meeting any major elective requirement.
- _____ MKT 4560 (Advanced Sales Techniques) – prereq: MKT 3215

SALES CONCENTRATION ELECTIVE SET 3 (3 s.h.) – select one of the following:

- _____ MKT 3240 (Integrated Marketing Communications) - prereq: "C" in MKT 3050
- _____ MKT 3260 (Managing Distribution Channels) - prereq: "C" in MKT 3050
- _____ MKT 3270 (Consumer Behavior) - prereq: "C" in MKT 3050 (*if not counted in Elective Set 1*)
- _____ MKT 3280 (Business-to-Business Buyer Behavior) - prereq: "C" in MKT 3050 (*if not counted in Elective Set 1*)
- _____ MKT 3285 (Retail Management) - prereq: "C" in MKT 3050 (*on demand*)
- _____ MKT 3290 (Services Marketing) - prereq: "C" in MKT 3050 (*on demand*)
- _____ MKT 3295 (New Product Development and Branding) - prereq: "C" in MKT 3050 (*on demand*)
- _____ MKT 3530-3549 (Selected Topics) - prereq: "C" in MKT 3050 (*on demand*)
- _____ MKT 3900* (Marketing Internship) – MKT 3900 is a 3 or 6 s.h. course, but only 3 of these hours may apply to meeting any major elective requirement.

or

- _____ MKT 3910* (Sales Internship) – (*if not counted in Elective Set 2*) MKT 3910 is a 3 or 6 s.h. course, but only 3 of these hours may apply to meeting any major elective requirement.
- _____ MKT 4530-4549 (Selected Topics) - prereq: "C" in MKT 3050 (*on demand*)
- _____ MKT 4550 (International Marketing) - prereq: "C" in MKT 3050
- _____ MKT 4560 (Advanced Sales Techniques) – prereq: MKT 3215 (*if not counted in Elective Set 2*)

*Students may only count 3 s.h. of either MKT 3900 or MKT 3910 towards the marketing major electives. The internship cannot be the last credits earned.

COLLEGE OF BUSINESS ELECTIVES (3000/4000 Level) (6 s.h.) (cannot use MGT 3010 or FIN 3010)

FREE ELECTIVES (14 15 s.h.) - 2 s.h. any level outside of the COB (university requirement)

~~12~~ **13** s.h. any level inside or outside of the COB (**cannot use ACC 1050, FIN 3010 or MGT 3010**)

TOTAL HOURS REQUIRED: 122 (94 sh major requirements/electives **PLUS** 44 sh Gen Ed requirements **MINUS** 16 sh of major requirements already counted in Gen Ed) 2/16

OTHER PREREQUISITE INFORMATION

Students must have ~~57~~ **54** hours to take 3000 level COB core courses and ~~99~~ **84** hours to take any 4000 level COB course.

In addition to other prerequisites, a minimum grade of "C" in a WID course is required prior to taking any 4000 level business courses.

~~No more than five 3000/4000 level COB courses can be taken by students not admitted to the COB.~~

No more than five business courses at the 3000 level or above, including graduate-level courses, can be taken by students not admitted to the COB.

MARKETING – GENERAL MARKETING CONCENTRATION (352B)
Bachelor of Science in Business Administration (B.S.B.A.)
Fall 2016 – Summer 2017

GENERAL EDUCATION REQUIREMENTS (44 sh) – the following 16 sh of major requirements can also count in the General Education Program:

- RC 1000 and 2001 (6 sh) ~~count as~~ fulfill the General Education Writing Across the Curriculum requirements
- MAT ~~1030/1110 (4 sh)~~ 1035 (3 sh) and 1 sh of ECO 2100 ~~counts as a~~ fulfill the General Education Quantitative Literacy requirement
- ECO 2030 and ECO 2040 (6 sh) ~~count as~~ fulfill the General Education Liberal Studies Experience requirement

COB ADMISSION REQUIREMENTS (28 27 sh)

2.5 cumulative GPA (based on 12+ graded hours at ASU), 60 earned hours and completion of the following:

- _____ RC 1000 (min. grade of "C" required) (hours already counted in Gen Ed)
- _____ RC 2001 (prereq: RC/ENG 1000 & UCO 1200) (min. grade of "C" required) (hours already counted in Gen Ed)
- _____ MAT ~~1030 or 1110 (4 sh)~~ 1035* (3 sh) (min. grade of "C-" required) (hours already counted in Gen Ed)
- _____ BUS 2000 (0 sh) – graded S/U (prereq: 24 earned hours)
- _____ Computer Proficiency – passing score on the Basic Computer Skills Proficiency Test or credit for CIS 1026 (min. grade "C-" required)
See www.advising.business.appstate.edu for link to test information

COB LOWER LEVEL CORE

(2.0 average required; Minimum grade of "C- required in each course)

- _____ ACC 2100 (prereq: 24 EH)
- _____ ACC 2110 (prereq: min. grade of "C-" in ACC 2100)
- _____ ECO 2030* (hours already counted in Gen Ed)
- _____ ECO 2040* (prereq: ECO 2030) (hours already counted in Gen Ed)
- _____ ECO 2100* (prereq: MAT 1020, 1030, 1035 or 1110) (can sub. STT 2810 or 2820)
- _____ LAW 2150

Students cannot be admitted to the COB with any outstanding grades of "I".

*MAT 1035, ECO 2030, ECO 2040, and one sh of ECO 2100 already count in Gen Ed.

ADDITIONAL COB CORE (25 sh)

(2.0 average required)

- _____ BE 3340 (prereq: RC/ENG 2001) or ENG 3100 (prereq: RC/ENG 2001 & 54 EH) (Writing in the Discipline Requirement) (min. grade of "C" in BE 3340/ENG 3100 required to take 4000 level business courses)
- _____ CIS 2050
- _____ ECO 2200 (prereq: ECO 2100 or STT 2810 or STT 2820)
- _____ FIN 3680 (prereq: MAT 1030 or 1035 & ACC 2100)
- _____ MGT 3630
- _____ MKT 3050 (prereq: ECO 2030)
- _____ SCM 3650
- _____ MGT 4750* (prereq: all 2000/3000 level "Additional COB Core" and final semester of coursework)
- _____ BUS 4000* (1 sh) (Capstone Requirement) (prereq: all 2000/3000 "Additional COB Core" and final semester of coursework)

*A senior check and, for students graduating in the term in which these are taken, a graduation application, must be completed prior to registering for these courses.

GLOBAL ISSUES REQUIREMENT

(met within the other degree requirements – does not require additional course work)

The Global Issues requirement can be met by satisfying one of the following:

- _____ International business course (ACC 3590, ACC 4730; BUS ~~4540~~ 4065; CIS 3620; ECO 3410; ECO 3430, ECO 4640; ENT 3190, ENT 3600; FIN 3350, FIN 4750, FIN 4800; MGT 3670, MGT 3800; MKT 4550; SCM 3680, SCM 3690 and others upon approval)
- _____ Business summer study abroad (minimum 3 sh)
- _____ Semester long study abroad for credit
- _____ Full-time 400-hour minimum international internship for credit
- _____ Foreign language courses at or above the 3000 level

***** IN ORDER TO GRADUATE, MARKETING MAJORS MUST ACHIEVE A MINIMUM AVERAGE G.P.A. OF 2.0 IN THE FOLLOWING 21 HOURS OF REQUIRED AND ELECTIVE 3000/4000-LEVEL MARKETING COURSES. *****

MARKETING MAJOR COMMON CORE (6 s.h.)

- _____ MKT 4620 (Marketing Research) - prereq: "C" in MKT 3050, ECO 2200
- _____ MKT 4650 (Strategic Marketing Management) – prereq: "C" in MKT 3050

GENERAL MARKETING CONCENTRATION REQUIRED COURSES (9 s.h.)

- _____ MKT 3240 (Integrated Marketing Communications) - prereq: "C" in MKT 3050
- _____ MKT 3260 (Managing Distribution Channels) - prereq: "C" in MKT 3050
- _____ MKT 3270 (Consumer Behavior) - prereq: "C" in MKT 3050

ELECTIVES – GENERAL MARKETING CONCENTRATION (6 s.h.) – select two of the following:

- _____ MKT 3215 (Professional Selling) - prereq: "C" in MKT 3050
 - _____ MKT 3220 (Sales Management) - prereq: "C" in MKT 3050
 - _____ MKT 3280 (Business-to-Business Buyer Behavior) - prereq: "C" in MKT 3050
 - _____ MKT 3285 (Retail Management) - prereq: "C" in MKT 3050 (*on demand*)
 - _____ MKT 3290 (Services Marketing) - prereq: "C" in MKT 3050 (*on demand*)
 - _____ MKT 3295 (New Product Development and Branding) - prereq: "C" in MKT 3050 (*on demand*)
 - _____ MKT 3530-3549 (Selected Topics) - prereq: "C" in MKT 3050 (*on demand*)
 - _____ MKT 3900* (Marketing Internship) – MKT 3900 is a 3 or 6 s.h. course, but only 3 of these hours may apply to meeting the major elective requirement.
- or**
- _____ MKT 3910* (Sales Internship) – MKT 3910 is a 3 or 6 s.h. course, but only 3 of these hours may apply to meeting the major elective requirement.
 - _____ MKT 4530-4549 (Selected Topics) - prereq: "C" in MKT 3050 (*on demand*)
 - _____ MKT 4550 (International Marketing) - prereq: "C" in MKT 3050
 - _____ MKT 4560 (Advanced Sales Techniques) - prereq: MKT 3215

*Students may only count 3 s.h of either MKT 3900 or MKT 3910 towards the marketing major electives. The internship cannot be the last credits earned.

COLLEGE OF BUSINESS ELECTIVES (3000/4000 Level) (6 s.h.) (cannot use FIN 3010 or MGT 3010)

FREE ELECTIVES (14 15s.h.) - 2 s.h. any level outside of the COB (university requirement)

~~12~~ 13 s.h. any level inside or outside of the COB (**cannot use ACC 1050, FIN 3010 or MGT 3010**)

TOTAL HOURS REQUIRED: 122 (94 sh major requirements/electives PLUS 44 sh Gen Ed requirements MINUS 16 sh of major requirements already counted in Gen Ed)

OTHER PREREQUISITE INFORMATION

Students must have ~~57~~ 54 hours to take 3000 level COB core courses and ~~90~~ 84 hours to take any 4000 level COB course.

In addition to other prerequisites, a minimum grade of "C" in a WID course is required prior to taking any 4000 level business courses.

No more than five 3000/4000 level COB courses can be taken by students not admitted to the COB.

No more than five business courses at the 3000 level or above, including graduate-level courses, can be taken by students not admitted to the COB.

JOHN A. WALKER
COLLEGE OF BUSINESS
MARKETING MINOR (352)

~~Fall 2015~~ — ~~Summer 2016~~ **Fall 2016-Summer 2017**

Students **not majoring in the College of Business** may earn a marketing minor by completion of the following 18 hours of coursework:

- I. Required courses:** **9 s.h**
- ECO 2030 Principles of Microeconomics
ACC 1050 Survey of Accounting
or
ACC 2100 Principles of Accounting I prereq: 24 ehs)
MKT 3050 Principles of Marketing (min. grade "C" required) (prereq: ECO 2030)
- II. Three marketing elective courses taken from the following:** **9 s.h.**
- ~~MKT 3052 Professional Selling (prereq: MKT 3050 with minimum grade of "C")~~
MKT 3215 Professional Selling (prereq: MKT 3050 with minimum grade of "C")
~~MKT 3210 Retail Management (prereq: MKT 3050 with minimum grade of "C") (on demand)~~
MKT 3220 Sales Management (prereq: MKT 3050 with a minimum grade of "C")
~~MKT 3230 Business-to-Business Marketing (prereq: MKT 3050 with a minimum grade of "C") (on demand)~~
MKT 3240 Integrated Marketing Communications (prereq: MKT 3050 with a minimum grade of "C")
MKT 3260 Managing Distribution Channels (prereq: MKT 3050 with a minimum grade of "C")
MKT 3270 Consumer Behavior (prereq: MKT 3050 with a minimum grade of "C")
MKT 3280 Business-to-Business Buyer Behavior (prereq: MKT 3050 with a minimum grade of "C")
MKT 3285 Retail Management (prereq: MKT 3050 with minimum grade of "C") (on demand)
MKT 3290 Services Marketing (prereq: MKT 3050 with minimum grade of "C") (on demand)
MKT 3295 New Product Development and Branding (prereq: MKT 3050 with a minimum grade of "C") (on demand)
MKT 3530-49 Selected Topics (on demand)
MKT 3900* **Marketing** Internship - MKT 3900 is a 3 or 6 s.h. course, but only 3 of these hours may apply to meeting the requirements for the minor
- or
- MKT 3910*** Sales Internship - MKT 3910 is a 3 or 6 s.h. course, but only 3 of these hours may apply to meeting the requirements for the minor.
- MKT 4530-49 Selected Topics (on demand)
MKT 4550 International Marketing (prereq: MKT 3050 with a minimum grade of "C")
MKT 4560 Advanced Sales Techniques (prereq: MKT 3215)
~~MKT 4610 Consumer Behavior (prereq: MKT 3050 with a minimum grade of "C")~~
MKT 4620 Marketing Research (prereq: MKT 3050 with a minimum grade of "C" and ECO 2200)
- *Students may only count 3 s.h of either MKT 3900 or MKT 3910 towards the marketing electives requirement. The internship cannot be the last credits earned.**

Total 18 s.h.

Students are advised to take all 2000 level courses prior to the 3000 level courses in the minor. ~~Students not admitted to the College of Business may take, at most, five business courses at the 3000/4000 level (unless more courses are required by a business minor or non-business major). Students must have 57 hours to take 3000 level COB core courses, 60 hours to take any other 3000 level COB course, and 90 hours to take any 4000 level COB course.~~ **Students may take a maximum of five business courses at the 3000-level or above, including graduate-level courses (unless more are specifically listed as required on the Program of Study for a non-business major, a required concentration, or a required minor).** ~~In addition to other prerequisites, a minimum grade of "C" in a WID (Writing in the Discipline) course is required prior to taking any 4000 level business courses.~~ **Prerequisites for 3000 level and 4000 level business courses, in addition to course specific prerequisites, are as follows: 54 earned hours for 3000 level business courses and 84 earned hours and a minimum grade of "C" in any Writing in the Discipline (WID) course for 4000 level business courses.**

A minimum overall GPA of 2.0 is required for the courses included in the minor.

No more than one business minor can be declared by a non-business major.

For Additional Information Contact:
Undergraduate Advising Office
2126 Peacock Hall
(828) 262-2700

JOHN A. WALKER
COLLEGE OF BUSINESS
MARKETING: SALES MINOR (354)
Fall 2016 – 2017

Students **not majoring in the College of Business** may earn a minor in Marketing: Sales by completion of the following 15 hours of coursework:

- | | |
|--|---|
| I. Required courses (9 s.h.): | 9 s.h. |
| ECO 2030 | Principles of Microeconomics |
| MKT 3050 | Principles of Marketing (min. grade "C" required)(prereq: ECO 2030) |
| MKT 3215 | Professional Selling (prereq: MKT 3050 with minimum grade of "C") |
| II. Sales Elective Set 1 (3 s.h.) – select one from the following: | 3 s.h. |
| MKT 3270 | Consumer Behavior (prereq: MKT 3050 with a minimum grade of "C") |
| MKT 3280 | Business-to-Business Buyer Behavior (prereq: MKT 3050 with a minimum grade of "C") |
| III. Sales Elective Set 2 (3 s.h.) – select one from the following: | 3 s.h. |
| MKT 3220 | Sales Management (prereq: MKT 3050 with a minimum grade of "C") |
| MKT 3260 | Managing Distribution Channels (prereq: MKT 3050 with a minimum grade of "C") |
| MKT 3900* | Marketing Internship - MKT 3900 is a 3 or 6 s.h. course, but only 3 of these hours may apply to meeting the requirements for the minor. |
| or | |
| MKT 3910* | Sales Internship - MKT 3910 is a 3 or 6 s.h. course, but only 3 of these hours may apply to meeting the requirements for the minor. |
| MKT 4560 | Advanced Sales Techniques (prereq: MKT 3215) |

*Students may only count 3 s.h of either MKT 3900 or MKT 3910 towards the marketing electives requirement. The internship cannot be the last credits earned.

Total 15 s.h.

Students are advised to take all 2000 level courses prior to the 3000 level courses in the minor. ~~Students not admitted to the College of Business may take, at most, five business courses at the 3000/4000 level (unless more courses are required by a business minor or non-business major). Students must have 57 hours to take 3000 level COB core courses, 60 hours to take any other 3000 level COB course, and 90 hours to take any 4000 level COB course.~~ **Students may take a maximum of five business courses at the 3000-level or above, including graduate-level courses (unless more are specifically listed as required on the Program of Study for a non-business major, a required concentration, or a required minor).** ~~In addition to other prerequisites, a minimum grade of "C" in a WID (Writing in the Discipline) course is required prior to taking any 4000 level business courses.~~ **Prerequisites for 3000 level and 4000 level business courses, in addition to course specific prerequisites, are as follows: 54 earned hours for 3000 level business courses and 84 earned hours and a minimum grade of "C" in any Writing in the Discipline (WID) course for 4000 level business courses.**

A minimum overall GPA of 2.0 is required for the courses included in the minor.

No more than one business minor can be declared by a non-business major.

For Additional Information Contact:
Undergraduate Advising Office
2126 Peacock Hall
(828) 262-2700

JOHN A. WALKER
COLLEGE OF BUSINESS
MARKETING: PROFESSIONAL SELLING MINOR (353)
Fall 2016 – 2017

Business majors not majoring in marketing with a sales concentration may earn a minor in Marketing: Professional Selling by completion of the following 15 hours of coursework (this minor is not open to non-business majors):

- | | | |
|-------------|---|---------------|
| I. | Professional Selling Required Courses: | 6 s.h. |
| | MKT 3215 Professional Selling (prereq: MKT 3050 with minimum grade of "C") | |
| | MKT 3220 Sales Management (prereq: MKT 3050 with a minimum grade of "C") | |
| II. | Professional Selling Elective Set 1 – select one from the following: | 3 s.h. |
| | MKT 3270 Consumer Behavior (prereq: MKT 3050 with a minimum grade of "C") | |
| | MKT 3280 Business-to-Business Buyer Behavior (prereq: MKT 3050 with a minimum grade of "C") | |
| III. | Professional Selling Elective Set 2 – select one from the following: | 3 s.h. |
| | MKT 3260 Managing Distribution Channels (prereq: MKT 3050 with a minimum grade of "C") | |
| | MKT 3910* Sales Internship - MKT 3910 is a 3 or 6 s.h. course, but only 3 of these hours may apply to meeting any requirements for the minor. | |
| | MKT 4560 Advanced Sales Techniques (prereq: MKT 3215) | |
| IV. | Professional Selling Elective Set 3 – select one from the following | 3 s.h. |
| | MKT 3240 Integrated Marketing Communications (prereq: MKT 3050 with a minimum grade of "C") | |
| | MKT 3260 Managing Distribution Channels (prereq: MKT 3050 with a minimum grade of "C") <i>(if not counted in Elective Set 2)</i> | |
| | MKT 3270 Consumer Behavior (prereq: MKT 3050 with a minimum grade of "C") <i>(if not counted in Elective Set 1)</i> | |
| | MKT 3280 Business-to-Business Buyer Behavior (prereq: MKT 3050 with a minimum grade of "C") – <i>(if not counted in Elective Set 1)</i> | |
| | MKT 3285 Retail Management (prereq: MKT 3050 with minimum grade of "C") <i>(on demand)</i> | |
| | MKT 3290 Services Marketing (prereq: MKT 3050 with minimum grade of "C") <i>(on demand)</i> | |
| | MKT 3295 New Product Development and Branding (prereq: MKT 3050 with minimum grade of "C") | |
| | MKT 3530-49 Selected Topics <i>(on demand)</i> | |
| | MKT 3900* Marketing Internship - MKT 3900 is a 3 or 6 s.h. course, but only 3 of these hours may apply to meeting any requirements for the minor. | |
| | or | |
| | MKT 3910* Sales Internship - MKT 3910 is a 3 or 6 s.h. course, but only 3 of these hours may apply to meeting any requirements for the minor. | |
| | MKT 4530-49 Selected Topics <i>(on demand)</i> | |
| | MKT 4550 International Marketing (prereq: MKT 3050 with a minimum grade of "C") | |
| | MKT 4560 Advanced Sales Techniques (prereq: MKT 3215) <i>(if not counted in Elective Set 2)</i> | |
| | MKT 4620 Marketing Research (prereq: MKT 3050 with a minimum grade of "C" and ECO 2200) | |

*Students may only count 3 s.h of either MKT 3900 or MKT 3910 towards any marketing electives requirement. The Internship cannot be the last credits earned.

Total 15 s.h.

Students are advised to take all 2000 level courses prior to the 3000 level courses in the minor. ~~Students not admitted to the College of Business may take, at most, five business courses at the 3000/4000 level (unless more courses are required by a business minor or non-business major). Students must have 57 hours to take 3000 level COB core courses, 60 hours to take any other 3000 level COB course, and 90 hours to take any 4000 level COB course.~~ **Students may take a maximum of five business courses at the 3000-level or above, including graduate-level courses (unless more are specifically listed as required on the Program of Study for a non-business major, a required concentration, or a required minor).** In addition to other prerequisites, a minimum grade of "C" in a WID (Writing in the Discipline) course is required prior to taking any 4000 level business courses. **Prerequisites for 3000 level and 4000 level business courses, in addition to course specific prerequisites, are as follows: 54 earned hours for 3000 level business courses and 84 earned hours and a minimum grade of "C" in any Writing in the Discipline (WID) course for 4000 level business courses.**

A minimum overall GPA of 2.0 is required for the courses included in the minor.

No more than one business minor can be declared by a non-business major.

For Additional Information Contact:
Undergraduate Advising Office
2126 Peacock Hall
(828) 262-2700

PROPOSED CATALOG COPY

Middle Grades Education (Grades 6-9 licensure)

The Bachelor of Science degree in Middle Grades Education with concentrations in Language Arts, Mathematics, Science, and Social Studies seeks to prepare middle grades teachers who:

- are knowledgeable about the developmental stage of early adolescence and aware of the educational implications of that knowledge
- have in-depth knowledge in at least two subject matter areas
- have specialized skills and knowledge regarding appropriate teaching strategies for middle grades students
- have a clear, working knowledge of the concept of developmentally responsive models of middle level schooling

The Bachelor of Science degree in Middle Grades Education (470*/13.1203)[T] with teacher licensure

Prospective middle grades teachers must complete two of the following concentrations: Language Arts (470B)[T], Mathematics (470C)[T], Science (470D)[T], and Social Studies (470E)[T]. The possible combinations are listed below:

Language Arts (470B)[T] and Mathematics (470C)[T] concentrations

The program of study is available at: www.programsofstudy.appstate.edu/middle-grades-education-bs-language-arts-and-mathematics-470b-470c-2015-2016

Language Arts (470B)[T] and Science (470D)[T] concentrations

The program of study is available at: www.programsofstudy.appstate.edu/middle-grades-education-bs-language-arts-and-science-470b-470d-2015-2016

Language Arts (470B)[T] and Social Studies (470E)[T] concentrations

The program of study is available at: www.programsofstudy.appstate.edu/middle-grades-education-bs-language-arts-and-social-studies-470b-470e-2015-2016

Mathematics (470C)[T] and Science (470D)[T] concentrations

The program of study is available at: www.programsofstudy.appstate.edu/middle-grades-education-bs-mathematics-and-science-470c-470d-2015-2016

Mathematics (470C)[T] and Social Studies (470E)[T] concentrations

The program of study is available at: www.programsofstudy.appstate.edu/middle-grades-education-bs-mathematics-and-social-studies-470c-470e-2015-2016

Science (470D)[T] and Social Studies (470E)[T] concentrations

The program of study is available at: www.programsofstudy.appstate.edu/middle-grades-education-bs-science-and-social-studies-470d-470e-2015-2016

All concentration courses must be completed with a grade of C (2.0) or better.

**BACHELOR OF SCIENCE (BS) IN MIDDLE GRADES EDUCATION WITH
CONCENTRATIONS IN LANGUAGE ARTS AND MATHEMATICS**

Major Codes: 470 B, C (Teaching)

2016-2017 **Proposed**

Department of Curriculum and Instruction
Reich College of Education

Dr. Laurie Ramirez, Coordinator
ramirezla@appstate.edu

I. General Education Requirements

44 SH

SPECIAL NOTE: Middle Grades Education majors should refer to page 3 of this Program of Study for important information for recommended General Education courses that can be taken and count in the major. Courses identified for Middle Grades Education majors on page 3 also meet the requirements for General Education. Students should contact their advisor or the Middle Grades Coordinator (identified above) for questions relating to General Education recommendations and requirements.

II. Professional Education Requirements All courses must be completed with "C" (2.0) or better.

24 SH

- C I 2300 ___ Teaching and Learning in the Digital Age (2) *Entry course to teacher education. Required prior to admission to teacher education.*
FDN 2400 ___ Critical Perspectives on Teaching and Learning (2) *Required prior to admission to teacher education. Prerequisite or Co-requisite: CI 2300.*
PSY 3010 ___ Psychology Applied to Teaching (3) *May be taken prior to or after admission to teacher education. Prerequisite or Co-requisite: C I 2300.*
SPE 3300 ___ Creating Inclusive Learning Communities (3) *Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.*
C I 3400 ___ Policies and Practices in Educational Assessment (2) *Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.*
C I 4900 ___ Student Teaching (12) (Graded on S/U basis) *(CAP) All courses in professional education core must be completed with grades of C (2.0) or better prior to student teaching, along with other courses (including methods and reading) identified within the major to be completed prior to student teaching and/or requiring C (2.0) or better.*

Praxis Exams :

PRAXIS I Pre-Professional Skills Tests: *CBT Reading ___ *CBT Writing ___ *PPST/CBT Mathematics ___
PRAXIS II: Subject Tests: Middle school English Language Arts ___ **OR** Middle School Mathematics ___

III. Major Requirements:

67 SH
(-13 Gen Ed)

- A. Middle Grades Academic Concentrations:** Language Arts, Mathematics. **All courses within the concentrations must be completed with "C" (2.0) or better.** (See listing of required courses on page 2 of this POS and meet with advisor.)

LANGUAGE ARTS CONCENTRATION

MATHEMATICS CONCENTRATION

- B.** The following courses must be taken using the cohort model. Please note that all cohort internships and student teaching can be done only in schools that have been identified by ASU as professional development schools..

Block I (Second Semester Junior year. Please note that this block is offered only during the SPRING SEMESTER.)

- ** #+ CI 3900 Middle Grades Internship (3) (WID)
 - ** #+ CI 3910 Middle Level Education (3)
 - **# #+ CI 3920 Teaching Young Adolescents (3)
- Courses from academic concentrations

Block II (First Semester Senior Year. Please note that this block is offered only in the FALL SEMESTER.)

- ** #+ CI 4490 Middle Grades Curriculum, Instruction, and Assessment (4)
- ** #+ RE 4630 Reading in the Content Area (2)
- ** #+ CI/RE 4300 Literacy, Language, and Culture in the Middle Grades (3)
- ** #+ CI 4040 Mathematics in the Middle Grades (3)
- ** #+ RE 3150 Language arts in the Middle Grades Schools (3)

- #Cannot be taken before being admitted to Teacher Education
- *Should be taken before junior year (Pre-requisite to enter Teacher Education)
- +Must have "C" (2.0) or higher for COE
- **Must be taken before student teaching

- C. CI 4450 Portfolio/Exhibition** (1) is to be taken during the student teaching semester.

IV. Second Academic Concentration Second academic concentration requirements are met upon successful completion of middle grades content concentrations.

V. Electives

6 SH

TOTAL Required SH

128 SH

MIDDLE GRADES CONCENTRATIONS

LANGUAGE ARTS CONCENTRATION (24 SH)

R C 2001 Introduction to Writing Across the Curriculum (3) **(Gen Ed: Writing Across the Curriculum)** (Prerequisites: 30 SH, including ENG 1000 and UCO 1200)

ENG 2030 World Literature (3) **(Gen Ed: Liberal Studies Experience-English)**

-OR-

ENG 2040 World Literature (3) **(Gen Ed: Integrative Learning Experience-Empire to Globalization)**

ENG 2350 Studies in American Literature (3) **(Gen Ed: Liberal Studies Experience-English)**
(Prerequisite: ENG 1000)

ENG 3300 Applied Grammar (3)

ENG 3580 Teaching Composition: Theory, Practice and Pedagogy (3) (Prerequisites: ENG 2001 or its equivalent and ENG 3300)

ENG 4560 Adolescent Literature (3)

RE 3070 Media for Young People (3) (Spring Only)

RE 3150 Language Arts in the Middle Grades (3) **(Block Two, Fall Only)**

MATHEMATICS CONCENTRATION (24 SH)

MAT 1110 Calculus with Analytic Geometry I (4) **(Gen Ed: Quantitative Literacy)** (Prerequisite: MAT 1025, with a grade of "C-" or higher, or equivalent)

MAT 3910 Introduction to the Logic and Structure of Mathematics I (4) (Prerequisite: junior or senior standing or permission of the instructor)

MAT 3920 Introduction to the Logic and Structure of Mathematics II (4) (Prerequisite: MAT 3910 or permission of instructor)

CI 4040 Mathematics in the Middle Grades (3) **(Block Two, Fall only)**(Prerequisite: senior standing in mathematics or permission of the instructor)

Select at least one of the following courses:

STT 2810 Introduction to Data Analysis and Statistical Inference (3) (Prerequisite: MAT 1010 or equivalent)

MAT 4930 Basic Concepts of Probability and Statistics (3)

Select at least one of the following courses:

MAT 3610 Introduction to Geometry (3) (Prerequisites: MAT 1120 and MAT 2110)

MAT 4910 Informal Geometry (3) (Prerequisite: MAT 3910 or MAT 3920 or permission of the instructor)

Additional courses may be selected from the following list. Courses not listed may be taken with permission from your advisor.

MAT 1120 Calculus with Analytic Geometry II (4) (Prerequisite: MAT 1110 (with a grade of "C-" or higher)

MAT 2240 Introduction to Linear Algebra (3) (Prerequisite: MAT 1120 or permission of the instructor)

MAT 3010 History of Mathematics (2)

MAT 3110 Introduction to Modern Algebra (3)(Prerequisites: MAT 2110 and MAT 2240 or permission of instructor and ENG 2001 or its equivalent)

MAT 3520 Instructional Assistance (1)

BACHELOR OF SCIENCE (BS) IN MIDDLE GRADES EDUCATION WITH
CONCENTRATIONS IN LANGUAGE ARTS AND SCIENCE

Major Codes: 470 B, D (Teaching)

2016-2017 **Proposed**

Department of Curriculum and Instruction
Reich College of Education

Dr. Laurie Ramirez, Coordinator
ramirezla@appstate.edu

I. **General Education Requirements**

44 SH

SPECIAL NOTE: Middle Grades Education majors should refer to page 3 of this Program of Study for important information for recommended General Education courses that can be taken and count in the major. Courses identified for Middle Grades Education majors on page 3 also meet the requirements for General Education. Students should contact their advisor or the Middle Grades Coordinator (identified above) for questions relating to General Education recommendations and requirements.

II. **Professional Education Requirements** All courses must be completed with "C" (2.0) or better.

24 SH

- C I 2300 Teaching and Learning in the Digital Age (2) *Entry course to teacher education. Required prior to admission to teacher education.*
- FDN 2400 Critical Perspectives on Teaching and Learning (2) *Required prior to admission to teacher education. Prerequisite or Co-requisite: CI 2300.*
- PSY 3010 Psychology Applied to Teaching (3) *May be taken prior to or after admission to teacher education. Prerequisite or Co-requisite: CI 2300.*
- SPE 3300 Creating Inclusive Learning Communities (3) *Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.*
- CI 3400 Policies and Practices in Educational Assessment (2) *Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.*
- CI 4900 Student Teaching (12) (Graded on S/U basis) *(CAP) All courses in professional education core must be completed with grades of C (2.0) or better prior to student teaching, along with other courses (including methods and reading) identified within the major to be completed prior to student teaching and/or requiring C (2.0) or better.*

Praxis Exams:

PRAXIS I Pre-Profession Skill Tests: *CBT Reading _____ *CBT Writing _____ *PPST/CBT Mathematics _____
PRAXIS II: Subject Tests: Middle school English Language Arts **OR** Middle School Science

III. **Major Requirements:**

69 SH
(-17 Gen Ed)

- A. **Middle Grades Academic Concentrations:** Language Arts, Science **All courses within the concentrations must be completed with "C" (2.0) or better.** (See listing of required courses on page 2 of this POS and meet with advisor.)

LANGUAGE ARTS CONCENTRATION:

SCIENCE CONCENTRATION

- B. The following courses must be taken using the cohort model. Please note that all cohort internships and student teaching can be done only in schools that have been identified by ASU as professional development schools. (See following page [p.2] for additional information.)

Block I (Second Semester Junior year. Please note that this block is offered only during the spring term.)

- ** #+ CI 3900 Middle Grades Internship (3) (WID)
** #+ CI 3910 Middle Level Education (3)
**# #+ CI 3920 Teaching Young Adolescents (3)
Courses from academic concentrations

Block II (First Semester Senior Year. Please note that this block is offered only in the fall term.)

- ** #+ CI 4490 Middle Grades Curriculum, Instruction, and Assessment (4)
** #+ RE 4630 Reading in the Content Area (2)
** #+ CI/RE 4300 Literacy, Language, and Culture in the Middle Grades (3)
** #+ RE 3150 Language Arts in the Middle Grades (3)
** #+ GS 4403 Teaching Science in the Middle and High Schools (3)

#Cannot be taken before being admitted to Teacher Education

*Should be taken before junior year (Pre-requisite to enter Teacher Education)

+Must have "C" (2.0) or higher for COE

**Must be taken before student teaching

- C. **CI 4450 Portfolio/Exhibition** (1) is to be taken during the student teaching semester.

IV. **Second Academic Concentration** Second academic concentration requirements are met upon successful completion of the two middle grades content concentrations.

V. **Electives**

8 SH

TOTAL

128 SH

7/02/15

MIDDLE GRADES CONCENTRATIONS

LANGUAGE ARTS CONCENTRATION (24 SH)

RC 2001 Introduction to Writing Across the Curriculum (3) **(Gen Ed: Writing Across the Curriculum)** (Prerequisites: 30 SH, including RC 1000 and UCO 1200)

ENG 2030 World Literature (3) **(Gen Ed: Liberal Studies Experience-English)**
-OR-

ENG 2040 World Literature (3) **(Gen Ed: Integrative Learning Experience – Empire to Globalization)**

ENG 2350 Studies in American Literature (3) **(Gen Ed: Liberal Studies Experience-English)**
(Prerequisite: RC 1000)

ENG 3300 Applied Grammar (3)

ENG 3580 Teaching Composition: Theory, Practice and Pedagogy (3) (Prerequisites: RC 2001 or its equivalent and ENG 3300)

ENG 4560 Adolescent Literature (3)

RE 3070 Media for Young People (3) **(Spring Only)**

RE 3150 Language Arts in the Middle Grades (3) **(Block Two, Fall Only)**

SCIENCE CONCENTRATION (26 SH)

The Science Inquiry Perspective requires 8 semester hours from one theme (underlined). Courses in themes marked with an * must be taken sequentially. Check the course descriptions for any pre and co-requisites.

Eight semester hours (8 SH) from one of the General Education Science Inquiry themes listed below:

Biology in Society: BIO ___1201, ___1202, AND ___1203

OR (for transfers with credit) BIO ___1201/1204 AND ___1202/1205

The Blue Planet: GLY ___1104 AND ___1105

***Chemistry Connections to Our Changing World:** CHE ___1101/ 1110 AND ___1102/1120

***How Things Work:** PHY ___1101 AND ___1102

***The Physics of Our Technological World:** PHY ___1103 AND ___1104

Physics of Self Expression: PHY ___1101, ___1810, ___1812, ___1814

***Physics with Calculus:** PHY ___1150 AND ___1151

Restless Planet: Earth, Environment and Evolution: GLY ___1101, ___1102, ___1103

Required: One four hour (4 SH) science course from each of the remaining three sciences for a total of 12 sh.

Biology

Chemistry

Geology

Physics

GS 3300 Educational Applications of Science Concepts (3) (Prerequisites: MAT 1010 or higher and at least sophomore standing.)

GS 4403 Teaching Science in the Middle and High Schools (3) **(Block Two, Fall only)**

BACHELOR OF SCIENCE (BS) IN MIDDLE GRADES EDUCATION WITH
CONCENTRATIONS IN LANGUAGE ARTS AND SOCIAL STUDIES

Major Codes: 470 B, E (Teaching)
2015-2016 Proposed

Department of Curriculum and Instruction
Reich College of Education

Dr. Laurie Ramirez, Coordinator
ramirezla@apstate.edu

I. General Education Requirements

44 SH

SPECIAL NOTE: Middle Grades Education majors should refer to page 3 of this Program of Study for important information for recommended General Education courses that can be taken and count in the major. Courses identified for Middle Grades Education majors on page 3 also meet the requirements for General Education. Students should contact their advisor or the Middle Grades Coordinator (identified above) for questions relating to General Education recommendations and requirements.

II. Professional Education Requirements All courses must be completed with "C" (2.0) or better.

24 SH

- C I 2300 Teaching and Learning in the Digital Age (2) *Entry course to teacher education. Required prior to admission to teacher education.*
FDN 2400 Critical Perspectives on Teaching and Learning (2) *Required prior to admission to teacher education. Prerequisite or Co-requisite: CI 2300.*
PSY 3010 Psychology Applied to Teaching (3) *May be taken prior to or after admission to teacher education. Prerequisite or Co-requisite: CI 2300.*
SPE 3300 Creating Inclusive Learning Communities (3) *Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.*
C I 3400 Policies and Practices in Educational Assessment (2) *Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.*
C I 4900 Student Teaching (12) (Graded on S/U basis) *(CAP) All courses in professional education core must be completed with grades of C (2.0) or better prior to student teaching, along with other courses (including methods and reading) identified within the major to be completed prior to student teaching and/or requiring C (2.0) or better.*

Praxis Exams :

PRAXIS I Academic Skill Assessments: *CBT Reading _____ *CBT Writing _____ *PPST/CBT Mathematics _____
PRAXIS II: Subject Tests: Middle school English Language Arts _____ **OR** Middle School Social Studies _____

III. Major Requirements:

67 SH
(-18 Gen Ed)

- A. Middle Grades Academic Concentrations: Language Arts, Social Studies **All courses within the concentrations must be completed with "C" (2.0) or better.** (See listing of required courses on page 2 of this POS and meet with advisor.)

LANGUAGE ARTS CONCENTRATION

SOCIAL STUDIES CONCENTRATION

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

- B. The following courses must be taken using the cohort model. Please note that all cohort internships and student teaching can be done only in schools that have been identified by ASU as professional development schools.

Block I (Second Semester Junior year. Please note that this block is offered only during the spring term.)

- ** #+ CI 3900 Middle Grades Internship (3) (WID)
 - ** #+ CI 3910 Middle Level Education (3)
 - **# #+ CI 3920 Teaching Young Adolescents (3)
- Courses from academic concentrations

Block II (First Semester Senior Year. Please note that this block is offered only in the fall term.)

- ** #+ CI 4490 Middle Grades Curriculum, Instruction, and Assessment (4)
- ** #+ RE 4630 Reading in the Content Area (2)
- ** #+ CI/RE 4300 Literacy, Language, and Culture in the Middle Grades (3)
- ** #+ CI 3060 Social Studies in the Middle Grades (3)
- ** #+ RE 3150 Language Arts in the Middle Grades (3)

- #Cannot be taken before being admitted to Teacher Education
- *Should be taken before junior year (Pre-requisite to enter Teacher Education)
- +Must have "C" (2.0) or higher for COE
- **Must be taken before student teaching

- C. CI 4450 Portfolio/Exhibition (1) is to be taken during the student teaching semester.

IV. Second Academic Concentration Second academic concentration requirements are met upon successful completion of middle grades content concentrations.

V. Electives

11 SH

TOTAL

128 SH

**MIDDLE GRADES CONCENTRATIONS
LANGUAGE ARTS AND SOCIAL STUDIES**

LANGUAGE ARTS CONCENTRATION (24 SH)

RC 2001 Introduction to Writing Across the Curriculum (3) **(Gen Ed: Writing Across the Curriculum)** (Prerequisites: 30 SH, including RC 1000 and UCO 1200)

ENG 2030 World Literature (3) **(Gen Ed: Liberal Studies Experience-English)**
-OR-

ENG 2040 World Literature (3) **(Gen Ed: Integrated Learning Experience – Empire to Globalization)**

ENG 2350 Studies in American Literature (3) **(Gen Ed: Liberal Studies Experience-English)**
(Prerequisite: RC 1000)

ENG 3300 Applied Grammar (3)

ENG 3580 Teaching Composition: Theory, Practice and Pedagogy (3) (Prerequisites: RC 2001 or its equivalent and ENG 3300)

ENG 4560 Adolescent Literature (3)

RE 3070 Media for Young People (3) **(Spring Only)**

RE 3150 Language Arts in the Middle Grades (3) **(Block Two, Fall Only)**

SOCIAL STUDIES CONCENTRATION (24 SH)

HIS 1200 American History (3) **(Gen Ed: Liberal Studies Experience-History)**

PS 1100 American National Gov. & Politics (3) **(Gen Ed: Liberal Studies Experience-Political Science)**

CI 3060 Social Studies in the Middle Grades (3) **(Block Two, Fall Only)**

GHY 1020 World Regional Geography (3) **(Gen Ed: Liberal Studies Experience-Geography)**

HIS 3728 History of North Carolina (3) **(Gen Ed: Liberal Studies Experience-History)**

African, and/or Asian and/or Latin American History (6) **(Gen Ed: Integrative Learning Experience-Las Americas, War and Peace, How We Know What We Know About the Past)**

European or world history (approval of advisor required) (3)

BACHELOR OF SCIENCE (BS) IN MIDDLE GRADES EDUCATION
WITH CONCENTRATIONS IN MATHEMATICS AND SCIENCE

Major Codes: 470 C, D (Teaching)

2016-2017 **Proposed**

Department of Curriculum and Instruction
Reich College of Education

Dr. Laurie Ramirez, Coordinator
ramirezla@appstate.edu

I. General Education Requirements

44 SH

SPECIAL NOTE: Middle Grades Education majors should refer to page 3 of this Program of Study for important information for recommended General Education courses that can be taken and count in the major. Courses identified for Middle Grades Education majors on page 3 also meet the requirements for General Education. Students should contact their advisor or the Middle Grades Coordinator (identified above) for questions relating to General Education recommendations and requirements.

II. Professional Education Requirements All courses must be completed with "C" (2.0) or better.

24 SH

- C I 2300 Teaching and Learning in the Digital Age (2) *Entry course to teacher education. Required prior to admission to teacher education.*
FDN 2400 Critical Perspectives on Teaching and Learning (2) *Required prior to admission to teacher education. Prerequisite or Co-requisite: CI 2300.*
PSY 3010 Psychology Applied to Teaching (3) *May be taken prior to or after admission to teacher education. Prerequisite or Co-requisite: C I 2300.*
SPE 3300 Creating Inclusive Learning Communities (3) *Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.*
C I 3400 Policies and Practices in Educational Assessment (2) *Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.*
C I 4900 Student Teaching (12) (Graded on S/U basis) *(CAP) All courses in professional education core must be completed with grades of C (2.0) or better prior to student teaching, along with other courses (including methods and reading) identified within the major to be completed prior to student teaching and/or requiring C (2.0) or better.*

Praxis Exams :

PRAXIS I Pre-Professional Skills Tests: *CBT Reading _____ *CBT Writing _____ *PPST/CBT Mathematics _____
PRAXIS II: Subject Tests: Middle school Mathematics _____ **OR** Middle School Science _____

III. Major Requirements:

69 SH
(-12 Gen Ed)

- A. Middle Grades Academic Concentrations:** Mathematics, Science **All courses within the concentrations must be completed with "C" (2.0) or better.** (See listing of required courses on page 2 of this POS and meet with advisor.)

MATHEMATICS CONCENTRATION

SCIENCE CONCENTRATION

- B.** The following courses must be taken using the cohort model. Please note that all cohort internships and student teaching can be done only in schools that have been identified by ASU as professional development schools. (See following page for additional information)

Block I (Second Semester Junior year. Please note that this block is offered only during the SPRING SEMESTER.)

- ** #+ CI 3900 Middle Grades Internship (3) (WID)
 - ** #+ CI 3910 Middle Level Education (3)
 - **# + CI 3920 Teaching Young Adolescents (3)
- Courses from academic concentrations

Block II (First Semester Senior Year. Please note that this block is offered only in the FALL TERM.)

- ** #+ CI 4490 Middle Grades Curriculum, Instruction, and Assessment (4)
- ** #+ RE 4630 Reading in the Content Area (2)
- ** #+ CI/RE 4300 Literacy, Language, and Culture in the Middle Grades (3)
- ** #+ CI 4040 Mathematics in the Middle Grades (3)
- ** #+ GS 4403 Teaching Science in the Middle and High Schools (3)

- #Cannot be taken before being admitted to Teacher Education
- *Should be taken before junior year (Pre-requisite to enter Teacher Education)
- +Must have "C" (2.0) or higher for COE
- **Must be taken before student teaching

- C. CI 4450 Portfolio/Exhibition** (1) is to be taken during the student teaching semester.

IV. Second Academic Concentration Second academic concentration requirements are met upon successful completion of middle grades content concentrations.

V. Electives

3 SH

TOTAL

128 SH

MIDDLE GRADES CONCENTRATIONS

MATHEMATICS CONCENTRATION (24 SH)

MAT 1110 Calculus with Analytic Geometry I (4) (**Gen Ed: Quantitative Literacy**) (Prerequisite: MAT 1025, with a grade of "C-" or higher, or equivalent)

MAT 3910 Introduction to the Logic and Structure of Mathematics I (4) (Prerequisite: junior or senior standing or permission of the instructor)

MAT 3920 Introduction to the Logic and Structure of Mathematics II (4) (Prerequisite: MAT 3910 or permission of instructor)

CI 4040 Mathematics in the Middle Grades (3) (**Block Two, Fall only**)(Prerequisite: senior standing in mathematics or permission of the instructor)

Select at least one of the following courses:

STT 2810 Introduction to Data Analysis and Statistical Inference (3) (Prerequisite: MAT 1010 or equivalent)

MAT 4930 Basic Concepts of Probability and Statistics (3)

Select at least one of the following courses:

MAT 3610 Introduction to Geometry (3) (Prerequisites: MAT 1120 and MAT 2110)

MAT 4910 Informal Geometry (3) (Prerequisite: MAT 3910 or MAT 3920 or permission of the instructor)

Additional courses may be selected from the following list. Courses not listed may be taken with permission from your advisor.

MAT 1120 Calculus with Analytic Geometry II (4) (Prerequisite: MAT 1110 (with a grade of "C-" or higher)

MAT 2240 Introduction to Linear Algebra (3) (Prerequisite: MAT 1120 or permission of the instructor)

MAT 3010 History of Mathematics (2)

MAT 3110 Introduction to Modern Algebra (3)(Prerequisites: MAT 2110 and MAT 2240 or permission of instructor and ENG 2001 or its equivalent

MAT 3520 Instructional Assistance (1)

SCIENCE CONCENTRATION (26 SH)

The Science Inquiry Perspective requires 8 semester hours from one theme (underlined). Courses in themes marked with an * must be taken sequentially. Check the course descriptions for any pre and co-requisites.

Eight semester hours (8 SH) from one of the General Education Science Inquiry themes listed below:

Biology in Society: BIO ___1201, ___1202, AND ___1203

OR (for transfers with credit) BIO ___1201/1204 AND ___1202/1205

The Blue Planet: GLY ___1104 AND ___1105

***Chemistry Connections to Our Changing World:** CHE ___1101/ 1110 AND ___1102/1120

***How Things Work:** PHY ___1101 AND ___1102

***The Physics of Our Technological World:** PHY ___1103 AND ___1104

Physics of Self Expression: PHY ___1101, ___1810, ___1812, ___1814

***Physics with Calculus:** PHY ___1150 AND ___1151

Restless Planet: Earth, Environment and Evolution: GLY ___1101, ___1102, ___1103

Required: One four hour (4 SH) science course from each of the remaining three sciences for a total of 12 sh:

Biology

Chemistry

Geology

Physics

GS 3300 Educational Applications of Science Concepts (3) (Prerequisites: MAT 1010 or higher and at least sophomore standing.)

GS 4403 Teaching Science in the Middle and High Schools (3) (**Block Two, Fall only**)

**BACHELOR OF SCIENCE (BS) IN MIDDLE GRADES EDUCATION WITH
CONCENTRATIONS IN MATHEMATICS AND SOCIAL STUDIES**

Major Codes: 470 C, E (Teaching)

2016-2017 **Proposed**

Department of Curriculum and Instruction
Reich College of Education

Dr. Laurie Ramirez, Coordinator
ramirezla@appstate.edu

I. General Education Requirements

44 SH

SPECIAL NOTE: Middle Grades Education majors should refer to page 3 of this Program of Study for important information for recommended General Education courses that can be taken and count in the major. Courses identified for Middle Grades Education majors on page 3 also meet the requirements for General Education. Students should contact their advisor or the Middle Grades Coordinator (identified above) for questions relating to General Education recommendations and requirements.

II. Professional Education Requirements All courses must be completed with "C" (2.0) or better.

24 SH

- C I 2300 Teaching and Learning in the Digital Age (2) *Entry course to teacher education. Required prior to admission to teacher education.*
- FDN 2400 Critical Perspectives on Teaching and Learning (2) *Required prior to admission to teacher education. Prerequisite or Co-requisite: CI 2300.*
- PSY 3010 Psychology Applied to Teaching (3) *May be taken prior to or after admission to teacher education. Prerequisite or Co-requisite: C I 2300.*
- SPE 3300 Creating Inclusive Learning Communities (3) *Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.*
- C I 3400 Policies and Practices in Educational Assessment (2) *Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.*
- C I 4900 Student Teaching (12) (Graded on S/U basis) (CAP) *All courses in professional education core must be completed with grades of C (2.0) or better prior to student teaching, along with other courses (including methods and reading) identified within the major to be completed prior to student teaching and/or requiring C (2.0) or better.*

Praxis Exams :

PRAXIS I Pre-Professional Skills Tests: *CBT Reading _____ *CBT Writing _____ *PPST/CBT Mathematics _____
PRAXIS II: Subject Tests: Middle school Mathematics _____ **OR** Middle School Social Studies _____

III. Major Requirements:

67 SH
(-13 Gen Ed)

- A. Middle Grades Academic Concentrations:** Mathematics, Social Studies **All courses within the concentrations must be completed with "C" (2.0) or better.** See listing of required courses on page 2 of this POS and meet with advisor.)

MATHEMATICS CONCENTRATION

SOCIAL STUDIES CONCENTRATION

- B.** The following courses must be taken using the cohort model. Please note that all cohort internships and student teaching can be done only in schools that have been identified by ASU as professional development schools. (See following page for additional information).

Block I (Second Semester Junior year. Please note that this block is offered only during the spring term.)

- ** #+ CI 3900 Middle Grades Internship (3) (WID)
 - ** #+ CI 3910 Middle Level Education (3)
 - **# + CI 3920 Teaching Young Adolescents (3)
- Courses from academic concentrations

Block II (First Semester Senior Year. Please note that this block is offered only in the fall term.)

- ** #+ CI 4490 Middle Grades Curriculum, Instruction, and Assessment (4)
- ** #+ RE 4630 Reading in the Content Area (2)
- ** #+ CI/RE 4300 Literacy, Language, and Culture in the Middle Grades (3)
- ** #+ CI 3060 Social Studies in the Middle Grades (3)
- ** #+ CI 4040 Mathematics in the Middle Grades (3)

- #Cannot be taken before being admitted to Teacher Education
- *Should be taken before junior year (Pre-requisite to enter Teacher Education)
- +Must have "C" (2.0) or higher for COE
- **Must be taken before student teaching

- C. CI 4450 Portfolio/Exhibition (1)** is to be taken during the student teaching semester.

IV. Second Academic Concentration Second academic concentration requirements are met upon successful completion of middle grades content concentrations.

V. Electives

6 SH

TOTAL

128 SH

MIDDLE GRADES CONCENTRATIONS

MATHEMATICS CONCENTRATION (24 SH)

- MAT 1110 Calculus with Analytic Geometry I (4) **(Gen Ed: Quantitative Literacy)** (Prerequisite: MAT 1025, with a grade of "C-" or higher, or equivalent)
- MAT 3910 Introduction to the Logic and Structure of Mathematics I (4) (Prerequisite: junior or senior standing or permission of the instructor)
- MAT 3920 Introduction to the Logic and Structure of Mathematics II (4) (Prerequisite: MAT 3910 or permission of instructor)
- CI 4040 Mathematics in the Middle Grades (3) **(Block Two, Fall only)**(Prerequisite: senior standing in mathematics or permission of the instructor)

Select at least one of the following courses:

- STT 2810 Introduction to Data Analysis and Statistical Inference (3) (Prerequisite: MAT 1010 or equivalent)
- MAT 4930 Basic Concepts of Probability and Statistics (3)

Select at least one of the following courses:

- MAT 3610 Introduction to Geometry (3) (Prerequisites: MAT 1120 and MAT 2110)
- MAT 4910 Informal Geometry (3) (Prerequisite: MAT 3910 or MAT 3920 or permission of the instructor)

Additional courses may be selected from the following list. Courses not listed may be taken with permission from your advisor.

- MAT 1120 Calculus with Analytic Geometry II (4) (Prerequisite: MAT 1110 (with a grade of "C-" or higher)
- MAT 2240 Introduction to Linear Algebra (3) (Prerequisite: MAT 1120 or permission of the instructor)
- MAT 3010 History of Mathematics (2)
- MAT 3110 Introduction to Modern Algebra (3)(Prerequisites: MAT 2110 and MAT 2240 or permission of instructor and ENG 2001 or its equivalent
- MAT 3520 Instructional Assistance (1)

SOCIAL STUDIES CONCENTRATION (24 SH)

- HIS 1200 American History (3) **(Gen Ed: Liberal Studies Experience-History)**
- PS 1100 American National Gov. & Politics (3) **(Gen Ed: Liberal Studies Experience-Political Science)**
- CI 3060 Social Studies in the Middle Grades (3) **(Block Two, Fall Only)**
- GHY 1020 World Regional Geography (3) **(Gen Ed: Liberal Studies Experience-Geography)**
- HIS 3728 History of North Carolina (3) **(Gen Ed: Liberal Studies Experience-History)**
African, and/or Asian and/or Latin American History (6) **(Gen Ed: Integrative Learning Experience-Las Americas, War and Peace, How We Know What We Know About the Past)**
- European or world history (approval of advisor required) (3)

**BACHELOR OF SCIENCE (BS) IN MIDDLE GRADES EDUCATION WITH
CONCENTRATIONS IN SCIENCE AND SOCIAL STUDIES**

Major Codes: 470 D, E (Teaching)

2016-2017 **Proposed**

Department of Curriculum and Instruction
Reich College of Education

Dr. Laurie Ramirez, Coordinator
ramirezla@apstate.edu

I. General Education Requirements

44 SH

SPECIAL NOTE: Middle Grades Education majors should refer to page 3 of this Program of Study for important information for recommended General Education courses that can be taken and count in the major. Courses identified for Middle Grades Education majors on page 3 also meet the requirements for General Education. Students should contact their advisor or the Middle Grades Coordinator (identified above) for questions relating to General Education recommendations and requirements.

II. Professional Education Requirements All courses must be completed with "C" (2.0) or better.

24 SH

- C I 2300 Teaching and Learning in the Digital Age (2) *Entry course to teacher education. Required prior to admission to teacher education.*
- FDN 2400 Critical Perspectives on Teaching and Learning (2) *Required prior to admission to teacher education. Prerequisite or Co-requisite: CI 2300.*
- PSY 3010 Psychology Applied to Teaching (3) *May be taken prior to or after admission to teacher education. Prerequisite or Co-requisite: CI 2300.*
- SPE 3300 Creating Inclusive Learning Communities (3) *Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.*
- C I 3400 Policies and Practices in Educational Assessment (2) *Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.*
- C I 4900 Student Teaching (12) (Graded on S/U basis) (CAP) *All courses in professional education core must be completed with grades of C (2.0) or better prior to student teaching, along with other courses (including methods and reading) identified within the major to be completed prior to student teaching and/or requiring C (2.0) or better.*

Praxis Exams:

PRAXIS I Pre-Professional Skills Tests: *CBT Reading _____ *CBT Writing _____ *PPST/CBT Mathematics _____
PRAXIS II: Subject Tests: Middle school Science _____ **OR** Middle School Social Studies _____

III. Major Requirements:

69 SH
(-17 Gen Ed)

- A. Middle Grades Academic Concentrations:** Science Social Studies. **All courses within the concentrations must be completed with a "C" (2.0) or better. (See listing of required courses on page 2 of this POS and meet with advisor.)**

SCIENCE CONCENTRATION

SOCIAL STUDIES CONCENTRATION

- B.** The following courses must be taken using the cohort model. Please note that all cohort internships and student teaching can be done only in schools that have been identified by ASU as professional development schools

Block I (Second Semester Junior year. Please note that this block is offered only during the spring term.)

- ** #+ CI 3900 Middle Grades Internship (3) (WID)
 - ** #+ CI 3910 Middle Level Education (3)
 - **# + CI 3920 Teaching Young Adolescents (3)
- Courses from academic concentrations

Block II (First Semester Senior Year. Please note that this block is offered only in the fall term.)

- ** #+ CI 4490 Middle Grades Curriculum, Instruction, and Assessment (4)
- ** #+ RE 4630 Reading in the Content Area (2)
- ** #+ CI/RE 4300 Literacy, Language, and Culture in the Middle Grades (3)
- ** #+ CI 3060 Social Studies in the Middle Grades (3)
- ** #+ GS 4403 Teaching Science in the Middle and High Schools (3)

#Cannot be taken before being admitted to Teacher Education
*Should be taken before junior year (Pre-requisite to enter Teacher Education)
+Must have "C" (2.0) or higher for COE
**Must be taken before student teaching

- C.** CI 4450 Portfolio/Exhibition (1) is to be taken during the student teaching semester.

IV. Second Academic Concentration Second academic concentration requirements are met upon successful completion of middle grades content concentrations.

V. Electives

8 SH

TOTAL

128 SH

MIDDLE GRADES CONCENTRATIONS

SCIENCE CONCENTRATION (26 SH)

The Science Inquiry Perspective requires 8 semester hours from one theme (underlined). Courses in themes marked with an * must be taken sequentially. Check the course descriptions for any pre and co-requisites.

Eight semester hours (8 SH) from one of the General Education Science Inquiry themes listed below:

Biology in Society: BIO ___1201, ___1202, AND ___1203

OR (for transfers with credit) BIO ___1201/1204 AND ___1202/1205

The Blue Planet: GLY ___1104 AND ___1105

***Chemistry Connections to Our Changing World:** CHE ___1101/ 1110 AND ___1102/1120

***How Things Work:** PHY ___1101 AND ___1102

***The Physics of Our Technological World:** PHY ___1103 AND ___1104

Physics of Self Expression: PHY ___1101, ___1810, ___1812, ___1814

***Physics with Calculus:** PHY ___1150 AND ___1151

Restless Planet: Earth, Environment and Evolution: GLY ___1101, ___1102, ___1103

Required: One four hour (4 SH) science course from each of the remaining three sciences for a total of 12 sh)

Biology

Chemistry

Geology

Physics

GS 3300 Educational Applications of Science Concepts (3) (Prerequisites: MAT 1010 or higher and at least sophomore standing.)

GS 4403 Teaching Science in the Middle and High Schools (3) **(Block Two, Fall only)**

SOCIAL STUDIES CONCENTRATION (24 SH)

HIS 1200 American History (3) **(Gen Ed: Liberal Studies Experience-History)**

PS 1100 American National Gov. & Politics (3) **(Gen Ed: Liberal Studies Experience-Political Science)**

CI 3060 Social Studies in the Middle Grades (3) **(Block Two, Fall Only)**

GHY 1020 World Regional Geography (3) **(Gen Ed: Liberal Studies Experience-Geography)**

HIS 3728 History of North Carolina (3) **(Gen Ed: Liberal Studies Experience-History)**

African, and/or Asian and/or Latin American History (6) **(Gen Ed: Integrative Learning**

Experience-Las Americas, War and Peace, How We Know What We Know About the Past)

European or world history (approval of advisor required) (3)