

MINUTES OF THE MEETING
OF THE UNDERGRADUATE ACADEMIC POLICIES AND PROCEDURES COMMITTEE
November 7, 2018

The Undergraduate AP&P Committee met on Wednesday, November 7, 2018 at 3:00 p.m. in the William C. Strickland Conference Room of I.G. Greer Hall.

Committee members present: Dr. Jon Beebe, Dr. Shanan Fitts, Dr. Ross Gosky, Dr. Christina Hayes, Dr. Joe Klein, Dr. Jamie Levine, Dr. Courtney McGahee, Dr. Tanga Mohr, Dr. Ben Powell, Mr. John Wiswell, Mr. Ty Gacek, Mr. Connor Schlaline

Committee members excused: Dr. Ben Alexander-Eitzman, Dr. C. A. Debelius, Mr. Jason Miller, Dr. Teresa Sumrall

Committee members not excused: Dr. Ellen Cowan

At 3:00 p.m., Dr. Ben Powell noted that we had a quorum and he called the meeting to order.

The UAP&P Committee meet on Wednesday, November 7, 2018 at 3:00 p.m. in the William C. Strickland Conference Room of I.G. Greer Hall.

Subcommittee

Approval of Minutes

None

Announcements

- “For Information Only” - General Education Council met on October 19, 2018; however, a quorum was not reached.

- FIO - Semester Offerings Changes
 - NUR 4033 changed from Summer Session to Spring
 - NUR 3031 changed from Spring to Summer Session
 - SPE 5045 / CI 5045 changed from Fall to On Demand
 - SPE 5595 changed from Fall, Spring to On Demand
 - SPE 5630 changed from Fall to On Demand
 - SPE 5010 / CI 5010 / FCS 5010 changed from Fall, Odd numbered years to On Demand
 - SPE 5020 changed from Spring, Odd numbered years to On Demand
 - SPE 5111 / CI 5111 / FCS 5111 changed from Fall to On Demand
 - SPE 5112 / CI 5112 / FCS 5112 changed from Spring to On Demand
 - SPE 5113 / CI 5113 / FCS 5113 changed from Fall to On Demand
 - SPE 5220 changed from Fall to On Demand
 - SPE 5584 changed from Fall to Fall; Spring
 - SPE 5626 changed from Spring to Fall; Spring
 - ART 1005 changed from Fall; Spring to On Demand

New Business

ORDER OF PRESENTATION (Total 22)

- College of Arts and Sciences (8)
- Deans Council (9)
- Reich College of Education (2)
- Beaver College of Health Sciences (3)

Dr. Dru Henson presented proposals from the College of Arts and Sciences for the Department of Geography and Planning.

The proposals from the Department of Geography and Planning are approved as follows:
(Effective: FALL 2019)

- U_CAS_G&P_2018_01 Change the title of **GHY 2812/PLN 2812 - Geospatial Data and Technology (3)** to read as follows:
GHY 2812/PLN 2812 - Geospatial Technology in a Changing World (3)
- POS affected: 140A, 142C, 218, 218A, 241C, 241D, 242A, 244A, 259C, 272K, 284D, 571A
- U_CAS_G&P_2018_02 Change the title and lecture lab statement of **GHY 3812 – Introduction to GIS (3)** to read as follows:
GHY 3812 - Geographic Information Systems (3)
When Offered: Fall; Spring
The course covers principles of geographic information science and applied practice with geographic information systems (GIS). Emphasis will be on the primary functions of GIS use, map design, and spatial analysis relevant to social and environmental issues through laboratory exercises and projects. The course is comprised of both lecture and laboratory components for three hours a week
Prerequisites: GHY 2310 and GHY 2812 or permission of the instructor.
(ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)
- POS affected: 121A, 121B, 140A, 142C, 218A, 241C, 241D, 242A, 244A, 246B, 259C, 272K
- U_CAS_G&P_2018_03 Course Addition:
GHY 3814 - Web Mapping and GIS (3)
When Offered: Spring
This course provides an introduction to web GIS, including the programming concepts that support the design and implementation of web mapping applications and their underlying databases. It focuses on both proprietary and open source platforms for customizing web-based mapping applications. The course is comprised of lecture and laboratory components for three hours a week. Lectures will focus on the theory and application of web GIS in research, business, and government. Labs will allow students to gain technical experience building web maps and applications.
Prerequisite: GHY 3812 or permission of instructor.
- Schedule type: Lecture/Lab Combo
- GU_CAS_G&P_2018_04 Delete **GHY 4814/GHY 5814 – Principles of GeoComputation (3)**.
- POS affected: 121A, 121B, 140A, 142C, 241C, 241D, 242A, 259C
- GU_CAS_G&P_2018_05 Course Addition:
GHY 4816/GHY 5816 – GIScience and Water Resources (3)
When Offered: Fall; Spring
This course provides an overview of the contribution that GIScience (including GIS, remote sensing and other geospatial technologies) can

make in addressing the spatial representation and analysis of water resources problems. This course takes a geocomputational approach to linking GIS and remote sensing software and data with water resources models to represent space-time processes. The geocomputational linkage with watershed and flood modeling will be explored. Lecture two hours, laboratory two hours.

Prerequisite: GHY 3812 or permission of the instructor. [Dual-listed with GHY 5816.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

Schedule Type: Lecture/Lab Combo

U_CAS_G&P_2018_06 Revise the program of study for the Bachelor of Arts in Geography (242A/45.0701). The revised program of study is at the end of the minutes.

Revise the program of study for the Bachelor of Arts in Geography with a concentration in General Geography (241C/45.0701). The revised program of study is at the end of the minutes.

U_CAS_G&P_2018_07 Revise the program of study for the Bachelor of Science in Geography with a concentration in Geographic Information Systems (241D/45.0701). The revised program of study is at the end of the minutes.

U_CAS_G&P_2018_08 Revise the program of study for the undergraduate certificate in Geographic Information Systems (140A/45.0701). The revised program of study is at the end of the minutes.

VOTE 1 – To approve the proposals from the department of Geography and Planning - PASSED

Dr. Mark Ginn presented proposals from Deans Council.

The proposals from Deans Council were approved as follows: (Effective: FALL 2019)

U_DeansCouncil_2018_3 Revise the Instructional Program section of Academic Regulations to read as follows:
2. Students must meet all requirements of the catalog/bulletin under which they wish to graduate except under the following conditions:
a. In those rare cases where specific required courses are no longer available, the appropriate Dean's office will identify suitable substitutes in the student's major/minor/concentration and General Education which do not increase the overall credit requirements.
b. In those rare cases where specific required courses are no longer available, the Director of General Education will identify suitable substitutes for General Education requirements which do not increase the overall credit requirements.

U_DeansCouncil_2018_4 Revise the Standards of Scholarship section of the Academic Regulations to read as follows:
Appalachian State University "aspires to be the destination institution for dedicated students who seek challenging academic programs and co-curricular experiences, engaged faculty and a vibrant campus culture that will shape them into engaged, responsible global citizens." The foremost

activity of Appalachian students is an intense engagement with their courses. In practical terms, students should expect to spend two to three hours of studying for every hour of class time. Hence, a fifteen hour academic load might reasonably require between 30 and 45 hours per week of out-of-class work.

In all work for a degree, scholarly performance is expected. The student is expected to demonstrate academic competence, intellectual honesty and responsibility, a willingness to do more than the minimum required, and the ability to think critically and constructively. State statutes concerning standards of scholarship are as follows:

14-118.2. Assisting, etc., in obtaining academic credit by fraudulent means.

(a) It shall be unlawful for any person, firm, corporation or association to assist any student, or advertise, offer or attempt to assist any student, in obtaining or in attempting to obtain, by fraudulent means, any academic credit, grade or test score, or any diploma, certificate or other instrument purporting to confer any literary, scientific, professional, technical or other degree in any course of study in any university, college, academy or other educational institution. The activity prohibited by this subsection includes, but is not limited to, preparing or advertising, offering, or attempting to prepare a term paper, thesis, or dissertation for another; impersonating or advertising, offering or attempting to impersonate another in taking or attempting to take an examination; and the giving or changing of a grade or test score or offering to give or change a grade or test score in exchange for an article of value or money.

(b) Any person, firm, corporation or association violating any of the provisions of this section shall be guilty of a Class 2 misdemeanor. This section includes the acts of a teacher or other school official; however, the provisions of this section shall not apply to the acts of one student in assisting another student as herein defined if the former is duly registered in an educational institution in North Carolina and is subject to the disciplinary authority thereof. (1963, c. 781; 1969, c. 1224, s. 7; 1989, c. 144; 1993, c. 539, s. 63; 1994, Ex. Sess., c. 24, s. 14(c).)

U_DeansCouncil_2018_5

Revise the Policies and Procedures Concerning the Release of Student Information section of Academic Regulations (under item 2, sections 4 and 5) to read as follows:

d. Parents and / or guardians do not have rights to access a student's education records without written permission of the student. Permission is granted by the student via their AppalNet account. More information on granting parent access to a student's educational records can be found at: <http://registrar.appstate.edu/resources/ferpa/ferpa-parents>.

e. Under FERPA, Appalachian State University may disclose student information defined as directory information by the university without the student's written consent. However, students may choose to restrict disclosure of directory information by contacting the Registrar's Office.

Disclosure of non-directory information from the student's education record (e.g., student identification number, grade point average, etc.) requires written consent from the student. However, Appalachian State

University may disclose this type of information from a student's education records when a disclosure falls under certain exceptions as outlined in 99.31 of the federal regulations. For more information, visit [https:// registrar.appstate.edu/resources/ferpa-directory-information](https://registrar.appstate.edu/resources/ferpa-directory-information).

U_DeansCouncil_2018_6

Revise the Academic Load and Classification sections of Academic Regulations to read as follows:

Academic Load

For an undergraduate student, a full-time load is defined as 12-18 hours per semester or 6-7 hours in a five week summer term. Anything above 18 hours in a Fall / Spring semester or 7 hours in a summer semester is considered an overload. Undergraduate students should take from 15-18 hours per semester in order to graduate in four years. A student wanting to take an overload should complete the Overload Request in their Appalnet account. Permission will be granted within the following parameters:

Fall / Spring:

To take 19 hours, cumulative GPA must be: 2.50

To take 20 hours, cumulative GPA must be: 3.00

For overloads exceeding 21 hours , students must contact their Dean's Office (or the Director of Academic Advising for undeclared majors).

Summer (per term):

To take 8 hours, cumulative GPA must be 2.50

To take 9 hours, cumulative GPA must be 3.00

For overloads exceeding 9 hours, students must contact their Dean's Office (or the Director of Academic Advising for undeclared majors).

Classification

A student's classification is based on their earned hours. It does not affect continuance at Appalachian State University. Undergraduate students are classified based on their hours earned through the preceding academic term. Registered hours for an upcoming term are not included because those hours have not been earned. The following are the classifications used for degree-seeking students:

- 0-29 earned hours is a **freshman**
- 30-59 earned hours is a **sophomore**
- 60-89 earned hours is a **junior**
- 90 or more earned hours is a **senior**

U_DeansCouncil_2018_7

Revise the Career Drops section of the Academic Regulations to read as follows:

Career Drops

An undergraduate student is allowed to drop a cumulative total of no more than four (4) courses after the published "Drop-Add" period. (The phrase "cumulative total" should be understood to mean a total of four drops over the student's undergraduate career at Appalachian, excluding summer terms.) A student who wishes to drop a course after the published "Drop-Add" period must do so by no later than the ninth week of the fall/spring semester.

The maximum of four (4) courses is in compliance with UNC Policy and may not be exceeded. Career drops are noted on the transcript and are included in the attempted hours.

U_DeansCouncil_2018_8 Revise the Registration section of Academic Regulations to read as follows:
Registration
Eligible undergraduate students are able to access the registration system and register for classes based on their earned number of hours (institutional and transfer combined). Current students may view their registration access time each semester by viewing the “Check Your Registration Status” link in Appalnet or on the Registrar’s Office website. New students should visit the orientation website or contact the Orientation office for more information on registering for classes.

The Office of the Registrar also publishes the schedule of classes each semester prior to the early registration period beginning for the upcoming term.

U_DeansCouncil_2018_9 Revise the Withdrawal from the University section of Academic Regulations to read as follows:
A student is allowed to officially withdraw from the University (i.e., cease enrollment in all courses) without academic penalty during the first nine weeks of a fall or spring semester. In order to officially withdraw, the student should use the Enrollment Discontinuation Form available in AppalNET/Web Self-Service. The link to the form can be found under the Student tab. Information from the online form is forwarded to the Registrar's Office for withdrawal processing. A grade of "W" (Withdrawal) will be assigned to each course if the student withdraws during the first nine weeks of a fall or spring semester. The last day to withdraw from the term is indicated in the Schedule of Classes published online for each academic term. A student who officially withdraws after the first nine weeks of a fall or spring semester will receive a grade of "WF" (Withdrawal/Failing) or "WU" (Withdrawal/Unsatisfactory) for each course in which she or he is enrolled in at the time of withdrawal.

A student can petition for a withdrawal from the term for compelling medical or psychological reasons. Students seeking a medical withdrawal must contact Student Health Services; those seeking a withdrawal for psychological reasons must contact the Counseling and Psychological Services Center. A petition for withdrawal for either medical or psychological reasons must be submitted to the appropriate office by no later than the end of the academic term for which the withdrawal is requested. Supporting documentation will be required. If a medical or psychological withdrawal is approved, the student will receive a grade of "W" (Withdrawal) in each course for which she or he is enrolled.

If a student has other extenuating circumstances they feel warrant consideration of a withdrawal from the term, they may contact the Registrar’s Office for guidance on how to proceed but there is no guarantee that the withdrawal request will be approved.

A student who ceases to attend all classes prior to the end of an academic term, and does not officially withdraw from the term, will receive a "Failing" grade on each enrolled course.

Please Note: All courses withdrawn after the initial add/drop period, including

those withdrawn for extenuating circumstances, will count in attempted hours.

U_DeansCouncil_2018_10 Revise the subsections Course Numbering, Numerical Data (ND), Course Credits, and Institutional Credit of the Courses and Credits section of Academic Regulations to read as follows:
Semester System / Course Credits
Appalachian State University operates on the semester system with the year divided into two semesters (Fall and Spring), and a summer session, which is divided into two terms of varying lengths. The unit of measurement of University work is the credit hour, also referred to as a semester hour.

Course Numbering

Courses are listed in numerical order within each academic discipline. University policy stipulates the following general classifications for course numbering: Courses numbered 0001-0999 are remedial; 1000-1999 are normally for freshmen; 2000-2999 are normally for sophomores; 3000-3999 are normally for juniors; 4000-4999 are normally for seniors; and those numbered 5000 and above are only for graduate students. NOTE: With the exception of graduate classes, the numbering system does not preclude the possibility of students taking courses above or below the level of their classification, provided that they meet course prerequisites and/or any special requirements of the degree-granting college/school.

The figure in parentheses after the course title tells the credit in semester hours; for example, the figure (3) means three semester hours. Semesters of the year when a course is offered are denoted in the bulletin below the course title.

Demonstrated Readiness for College-level Math Prerequisite

Students can demonstrate readiness for college level math by having any of the following: Credit for any math or statistics course, passing score on the Math Placement test, ACT Math score of 22 or above, or SAT Math Score of 550 or above.

Institutional Credit

Courses numbered less than 1000 (excluding applied music courses, major-principal, MUS 0001-0025) are taken for "institutional credit" only. These courses DO NOT count for graduation, but are computed in the student's GPA. The hours count toward full-time student eligibility, but do not count as hours earned for graduation. Institutional credit courses will not be used in determining eligibility for honors.

U_DeansCouncil_2018_11 Revise the Grades and Grading, Academic Progress section of Academic Regulations to read as follows:

Additional Assignments During Last Week of Classes

Instructors are requested to not make additional graded assignments, including tests, projects, or papers, not included on the syllabus within a seven calendar day period before Reading Day. Laboratory assignments do not fall into this category.

Course Final Examinations

All scheduled final examination periods will be met at the assigned time. A final examination period is provided at the end of each semester. After the final examination schedule has been published for a given semester, an

instructor may not change the date or time of a final examination without permission of the departmental chair and dean. A class that does not follow the standard meeting patterns as established by the university must arrange for a final examination during the final examination period at an hour convenient to members of the class and the instructor, and with the approval of the departmental chair. Instructors determine how they will use the assigned period, but all scheduled final examination periods will be met at the assigned time. A student may take a final examination outside of the scheduled time only by permission of the instructor of the course. Permission is granted only in case of emergency.

A student who is absent from a final examination because of an emergency takes the make-up examination at the convenience of the instructor.

Grade Submission

Final semester grades are reported to the Registrar's Office no later than 1:00 P.M. on the day following the Faculty Grading period. At the end of each semester, the student's grades are available via AppalNET. (Note, however, that North Carolina law prohibits the release of grades, transcripts or diplomas to students with unpaid accounts.)

VOTE 2 – To approve the proposals from Deans Council - PASSED

Dr. Nicholas Jordan presented proposals from the Reich College of Education for the Department of Family and Child Studies.

The proposals from the Department of Family and Child Studies were approved as follows:
(Effective: FALL 2019)

U_COE_FCS_2018_1 Revise the program of study for the Bachelor of Science in Child Development with a concentration in Family and Child Studies (510H/19.0706). The revised program of study is at the end of the minutes.

U_COE_FCS_2018_2 Revise the program of study for the undergraduate minor in Child Development (510/19.0706). The revised program of study is at the end of the minutes.

VOTE 3 – To approve the proposals from the Department of Family and Child Studies - PASSED

Dr. Denise Levy presented proposals from the Beaver College of Health Sciences for the Department of Communication Sciences and Disorders and the Department of Health and Exercise Science.

The proposals from the Department of Communication Sciences and Disorders were approved as follows: (Effective: FALL 2018)

GU_HS_CSD_2018_1 Change the prerequisite statement of **CSD 4364/CSD 5364 – Audiology (3)** to read as follows:
Prerequisites: CSD 2259, CSD 2260, and CSD 2464; or permission of the department chair; and admission to the Communication Sciences and Disorders program. [Dual-listed with CSD 5364.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

VOTE 4 – To approve the proposals from the Department of Communication Sciences and Disorders - PASSED

The proposals from the Department of Health and Exercise Science were approved as follows:
(Effective: FALL 2019)

U_ HS_ HES_2018_1

Course Addition:

PH 4510 - Public Health Honors Thesis (1-3)

When Offered: On Demand

Independent study and research for a public health honors thesis. All honors students must complete a minimum of 3 credits to earn Public Health Honors; these credits may occur over multiple semesters. Directed and graded by a student's thesis committee director in the Public Health Program. Enrollment is by invitation or application only.

Schedule type: THH

U_ HS_ HES_2018_2

Add a section Public Health Honors Program to the Bulletin under the Minor in Public Health and above Graduate Degree to read as follows:
Public Health Honors Program

The Public Health program within the Department of Health and Exercise Science offers an honors program to students who exhibit academic excellence, a commitment to community engagement, and a desire to conduct public health research. The purpose of the Public Health Honors program is to foster independent and creative thinking, community engagement, and personal integrity. In order to be considered for the honors program, Public Health majors must (1) have an overall GPA of 3.45 or higher, (2) commit to engage in substantive service learning, and (3) develop an honors research project in collaboration with a faculty member in Public Health. Students must apply for the program. Honors distinction requires 9 credit hours of honors coursework in Public Health: one 3000- or 4000-level Public Health honors course (3 hours), the honors section of Seminar in Rural Public Health (P H 4650; 3 hours), and an honors thesis chaired by a Public Health faculty member (P H 4510; 3 hours). Students must earn a minimum grade of "B" (3.0) in honors courses in order to receive credit as honors.

VOTE 5 – To approve the proposals from the Department of Health and Exercise Science - PASSED

Old Business

Other

- LMS (Learning Management System) Advisory group will consider adding the Academic Affairs Syllabi policy link to AsULearn.
- Ben Powell mentioned to the committee when reviewing proposals to look closely at who was contacted and if they support or do not support the proposal (numbers 5 and 6 on the AP&P form).

Adjournment

VOTE 6 – To approve the motion to adjourn – PASSED

UNDERGRADUATE ACADEMIC POLICIES AND PROCEDURES COMMITTEE
November 7, 2018
 Unofficial Vote Record

| Committee Members | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| Ben Alexander-Eitzman | - | - | - | - | - | - | | | | | | | |
| Jon Beebe | Y | Y | Y | Y | Y | Y | | | | | | | |
| Ellen Cowan | - | - | - | - | - | - | | | | | | | |
| C. A. Debelius | - | - | - | - | - | - | | | | | | | |
| Shanan Fitts | Y | Y | Y | Y | Y | Y | | | | | | | |
| Ross Gosky | A | A | Y | Y | Y | Y | | | | | | | |
| Christina Hayes | Y | Y | Y | Y | Y | Y | | | | | | | |
| Joe Klein | Y | Y | Y | Y | Y | Y | | | | | | | |
| Jamie Levine | Y | Y | Y | Y | Y | Y | | | | | | | |
| Courtney McGahee | Y | Y | Y | Y | Y | Y | | | | | | | |
| Jason Miller | - | - | - | - | - | - | | | | | | | |
| Tanga Mohr | Y | Y | Y | Y | Y | Y | | | | | | | |
| Ben Powell | Y | Y | Y | Y | Y | Y | | | | | | | |
| Teressa Sumrall | - | - | - | - | - | - | | | | | | | |
| John Wiswell | Y | Y | Y | Y | Y | Y | | | | | | | |
| Ty Gacek | Y | Y | Y | Y | Y | Y | | | | | | | |
| Connor Schlaline | Y | Y | Y | Y | Y | Y | | | | | | | |

The recommendations from the November 3, 2018 Undergraduate Academic Policies and Procedures Committee meeting are approved.

Darrell P. Kruger 12/2/2018
 Darrell P. Kruger Date
 Provost and Executive Vice Chancellor

PROPOSED (2019-2020)

Geography, BA

Program Code: 242A

CIP Code: 45.0701

General Education Requirements (44 Hours)

- General Education Requirements

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information

Language Requirements (6-12 Hours)

Completion of 6 semester hours at the *intermediate level or higher

- Language Course 1040*
and
- Language Course 1050*
or
- Language Course 1060*
or
- Higher level courses

Note: Language courses 1010 & 1020 or 1030 are prerequisites for *intermediate level courses.

Language courses 1050 or 1060 may be used in General Education *Liberal Studies Experience*.

Program Core Requirements (45 Hours)

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. BA majors may not count more than a total of 46 hours in geography towards the degree.

Required Courses (24 Hours)

- GHY 1010 - Introduction to Physical Geography (3)
- GHY 1020 - Geographic Diversity and Globalization (3)
or
- GHY 1040 - Introduction to Human Geography (3)

- GHY 2310 - Cartographic Design and Analysis (3)
- GHY 2812 - Geospatial ~~Data and~~ Technology [in a Changing World](#) (3)
or
- PLN 2812 - Geospatial ~~Data and~~ Technology [in a Changing World](#) (3)
- GHY 3000 - Communicating Geographic Information (3) [WID]
- GHY 3800 - Introduction to Quantitative Methods (3)
or
- PLN 3800 - Introduction to Quantitative Methods (3)
- GHY 4830 - Professional Development in Geography and Planning (3) [CAP]
or
- PLN 4830 - Professional Development in Geography and Planning (3) [CAP]
- PLN 2410 - Town, City and Regional Planning (3)

Elective Course Requirements (12 Hours)

Choose one course from each of these four areas:

Geographic Methods (3 Hours)

- GHY 3310 - Environmental Remote Sensing (3)
- ~~GHY 3812 - Introduction to GIS~~ [Geographic Information Systems](#) (3)
- [GHY 3814 – Web Mapping and GIS](#) (3)
- GHY 4810 - Digital Image Processing (3)
- GHY 4812 - Advanced GIS (3)
- ~~GHY 4814 – Principles of GeoComputation~~ (3)
- [GHY 4816 – GIScience and Water Resources](#) (3)

Physical Geography (3 Hours)

- GHY 3100 - Weather and Climate (3)
- GHY 3110 - Ecoregions and Dynamic Landforms (3)
- GHY 3130 - Geography of Biodiversity (3)
- GHY 3320 - Environmental Issues in Appalachia (3)
- GHY 3600 - Climate Change, Snow and Ice (3)

- GHY 4620 - Atmospheric Circulation (3)
- GHY 4820 - Geographical Hydrology (3)

Human Geography (3 Hours)

- GHY 3210 - Economic Geography (3)
- GHY 3700 - Geography of Food (3)
- GHY 4005 - Geography of Health and Disease (3)
- GHY 4200 - Urban Geography (3)
- GHY 4230 - Political Geography (3)
- PLN 4240 - Sustainable Transportation Planning (3)

Regional Geography (3 Hours)

- GHY 3011 - Europe Past and Present (3)
- GHY 3012 - U.S. and Canada (3)
- GHY 3013 - North Carolina (3)
- GHY 3014 - Geography of Latin America (3)
- GHY 3015 - The Geography of Asia (3)
- GHY 3016 - Geography of the American South (3)
- GHY 3017 - Spain and North Africa (3)

Geography Electives (9 Hours)

3000 or 4000 level; a maximum of 6 hours of 3000 or 4000 planning courses may be applied

Minor (Required) (12-21 Hours)

Electives (~~6-15~~4-13 Hours)

Taken to total ~~122~~120 hours for the degree

• ~~2 semester hours of free electives must be outside the major discipline~~

Total Required (~~122~~120 Hours)

PROPOSED (2019-2020)

Geography - General Concentration, BS

Program Code: 241*/241C

CIP Code: 45.0701

General Education Requirements (44 Hours)

- General Education Requirements

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information

Program Core Requirements (51 Hours)

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 Program Core Requirements and General Concentration Requirements. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

Program Core Requirements (24 Hours)

- GHY 1010 - Introduction to Physical Geography (3)
- GHY 1020 - Geographic Diversity and Globalization (3)
or
- GHY 1040 - Introduction to Human Geography (3)
- GHY 2310 - Cartographic Design and Analysis (3)
- GHY 2812 - Geospatial ~~Data and~~ Technology [in a Changing World](#) (3)
or
- PLN 2812 - Geospatial ~~Data and~~ Technology [in a Changing World](#) (3)
- GHY 3000 - Communicating Geographic Information (3) [WID]
- GHY 3800 - Introduction to Quantitative Methods (3)
or
- PLN 3800 - Introduction to Quantitative Methods (3)
- GHY 4830 - Professional Development in Geography and Planning (3) [CAP]
or
- PLN 4830 - Professional Development in Geography and Planning (3) [CAP]

- PLN 2410 - Town, City and Regional Planning (3)

Elective Course Requirements (12 Hours)

Choose one course from each of these four areas:

Geographic Methods (3 Hours)

- GHY 3310 - Environmental Remote Sensing (3)
- ~~GHY 3812 - Introduction to GIS~~ [Geographic Information Systems \(3\)](#)
- [GHY 3814 – Web Mapping and GIS \(3\)](#)
- GHY 4810 - Digital Image Processing (3)
- GHY 4812 - Advanced GIS (3)
- ~~GHY 4814 - Principles of GeoComputation (3)~~
- [GHY 4816 – GIScience and Water Resources \(3\)](#)

Physical Geography (3 Hours)

- GHY 3100 - Weather and Climate (3)
- GHY 3110 - Ecoregions and Dynamic Landforms (3)
- GHY 3130 - Geography of Biodiversity (3)
- GHY 3320 - Environmental Issues in Appalachia (3)
- GHY 3600 - Climate Change, Snow and Ice (3)
- GHY 4620 - Atmospheric Circulation (3)
- GHY 4820 - Geographical Hydrology (3)

Human Geography (3 Hours)

- GHY 3210 - Economic Geography (3)
- GHY 3700 - Geography of Food (3)
- GHY 4005 - Geography of Health and Disease (3)
- GHY 4200 - Urban Geography (3)
- GHY 4230 - Political Geography (3)

- PLN 4240 - Sustainable Transportation Planning (3)

Regional Geography (3 Hours)

- GHY 3011 - Europe Past and Present (3)
- GHY 3012 - U.S. and Canada (3)
- GHY 3013 - North Carolina (3)
- GHY 3014 - Geography of Latin America (3)
- GHY 3015 - The Geography of Asia (3)
- GHY 3016 - Geography of the American South (3)
- GHY 3017 - Spain and North Africa (3)

Geographic Electives (15 Hours)

3000 or 4000 level; maximum of 6 hours of 3000/4000 planning courses may be applied

General Concentration (15 Hours)

Approved Ancillary Courses (15 Hours)

Students must meet with an advisor to develop a list of Ancillary Courses

MINOR (optional)

Electives (~~12~~ 10 Hours)

Taken to total ~~122~~ 120 hours for the degree

- ~~2 semester hours of free electives must be outside the major discipline~~

Total Required (~~122~~ 120 Hours)

PROPOSED (2019-2020)

Geography - General Concentration, BS

Program Code: 241*/241C

CIP Code: 45.0701

General Education Requirements (44 Hours)

- General Education Requirements

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information

Program Core Requirements (51 Hours)

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 Program Core Requirements and General Concentration Requirements. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

Program Core Requirements (24 Hours)

- GHY 1010 - Introduction to Physical Geography (3)
- GHY 1020 - Geographic Diversity and Globalization (3)
or
- GHY 1040 - Introduction to Human Geography (3)
- GHY 2310 - Cartographic Design and Analysis (3)
- GHY 2812 - Geospatial ~~Data and~~ Technology [in a Changing World](#) (3)
or
- PLN 2812 - Geospatial ~~Data and~~ Technology [in a Changing World](#) (3)
- GHY 3000 - Communicating Geographic Information (3) [WID]
- GHY 3800 - Introduction to Quantitative Methods (3)
or
- PLN 3800 - Introduction to Quantitative Methods (3)
- GHY 4830 - Professional Development in Geography and Planning (3) [CAP]
or
- PLN 4830 - Professional Development in Geography and Planning (3) [CAP]

- PLN 2410 - Town, City and Regional Planning (3)

Elective Course Requirements (12 Hours)

Choose one course from each of these four areas:

Geographic Methods (3 Hours)

- GHY 3310 - Environmental Remote Sensing (3)
- ~~GHY 3812 - Introduction to GIS~~ [Geographic Information Systems \(3\)](#)
- [GHY 3814 – Web Mapping and GIS \(3\)](#)
- GHY 4810 - Digital Image Processing (3)
- GHY 4812 - Advanced GIS (3)
- ~~GHY 4814 - Principles of GeoComputation (3)~~
- [GHY 4816 – GIScience and Water Resources \(3\)](#)

Physical Geography (3 Hours)

- GHY 3100 - Weather and Climate (3)
- GHY 3110 - Ecoregions and Dynamic Landforms (3)
- GHY 3130 - Geography of Biodiversity (3)
- GHY 3320 - Environmental Issues in Appalachia (3)
- GHY 3600 - Climate Change, Snow and Ice (3)
- GHY 4620 - Atmospheric Circulation (3)
- GHY 4820 - Geographical Hydrology (3)

Human Geography (3 Hours)

- GHY 3210 - Economic Geography (3)
- GHY 3700 - Geography of Food (3)
- GHY 4005 - Geography of Health and Disease (3)
- GHY 4200 - Urban Geography (3)
- GHY 4230 - Political Geography (3)

- PLN 4240 - Sustainable Transportation Planning (3)

Regional Geography (3 Hours)

- GHY 3011 - Europe Past and Present (3)
- GHY 3012 - U.S. and Canada (3)
- GHY 3013 - North Carolina (3)
- GHY 3014 - Geography of Latin America (3)
- GHY 3015 - The Geography of Asia (3)
- GHY 3016 - Geography of the American South (3)
- GHY 3017 - Spain and North Africa (3)

Geographic Electives (15 Hours)

3000 or 4000 level; maximum of 6 hours of 3000/4000 planning courses may be applied

General Concentration (15 Hours)

Approved Ancillary Courses (15 Hours)

Students must meet with an advisor to develop a list of Ancillary Courses

MINOR (optional)

Electives (~~12~~ 10 Hours)

Taken to total ~~122~~ 120 hours for the degree

- ~~2 semester hours of free electives must be outside the major discipline~~

Total Required (~~122~~ 120 Hours)

PROPOSED (2019-2020)

Geography - Geographic Information Systems Concentration, BS

Program Code: 241*/241D

CIP Code: 45.0701

General Education Requirements (44 Hours)

- General Education Requirements

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information

Major Requirements (66-63-64 Hours)

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 Major Requirements. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

Program Core Requirements (45-42 Hours)

- GHY 1010 - Introduction to Physical Geography (3)
- GHY 1020 - Geographic Diversity and Globalization (3)
or
GHY 1040 - Introduction to Human Geography (3)
- GHY 2310 - Cartographic Design and Analysis (3)
- GHY 2812 - Geospatial ~~Data and~~ Technology [in a Changing World](#) (3)
or
PLN 2812 - Geospatial ~~Data and~~ Technology [in a Changing World](#) (3)
- GHY 3000 - Communicating Geographic Information (3) [WID]
- GHY 3310 - Environmental Remote Sensing (3)
- GHY 3800 - Introduction to Quantitative Methods (3)
or
PLN 3800 - Introduction to Quantitative Methods (3)
- GHY 3812 - ~~Introduction to GIS~~ [Geographic Information Systems](#) (3)
- GHY 4810 - Digital Image Processing (3)
- GHY 4812 - Advanced GIS (3)

~~• GHY 4814 - Principles of GeoComputation (3)~~

- GHY 4830 - Professional Development in Geography and Planning (3) [CAP]
or
- PLN 4830 - Professional Development in Geography and Planning (3) [CAP]
- GHY 4900 - Internship in Geography and Planning (3-12) Students must complete 6 sh of internship in Geography and Planning
- PLN 2410 - Town, City and Regional Planning (3)

Elective Courses (9-12-13 Hours)

Choose one from each area:

Physical Geography (3 Hours)

- GHY 3100 - Weather and Climate (3)
- GHY 3110 - Ecoregions and Dynamic Landforms (3)
- GHY 3130 - Geography of Biodiversity (3)
- GHY 3320 - Environmental Issues in Appalachia (3)
- GHY 3600 - Climate Change, Snow and Ice (3)
- GHY 4620 - Atmospheric Circulation (3)
- GHY 4820 - Geographical Hydrology (3)

Human Geography (3 Hours)

- GHY 3210 - Economic Geography (3)
- GHY 3700 - Geography of Food (3)
- GHY 4005 - Geography of Health and Disease (3)
- GHY 4200 - Urban Geography (3)
- GHY 4230 - Political Geography (3)
- PLN 4240 - Sustainable Transportation Planning (3)

Regional Geography (3 Hours)

- GHY 3011 - Europe Past and Present (3)
- GHY 3012 - U.S. and Canada (3)
- GHY 3013 - North Carolina (3)
- GHY 3014 - Geography of Latin America (3)
- GHY 3015 - The Geography of Asia (3)
- GHY 3016 - Geography of the American South (3)
- GHY 3017 - Spain and North Africa (3)

Geographic Methods (3-4 hours)

- [C S 2435 – Introduction to Scientific Programming \(4\)](#)
- [GHY 3814 – Web Mapping and GIS \(3\)](#)
- [GHY 4816 – GIScience and Water Resources \(3\)](#)

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Geography Electives (9 Hours)

3000 or 4000 level; a maximum of 6 hours of 3000 or 4000 planning courses may be applied

~~Approved Computer Programming & Application Courses (3 Hours)~~

~~Student must meet with advisor to get approval for this course.~~

Minor (optional)

Electives (~~12-12-13~~ Hours)

Taken to total ~~122-120~~ hours for the degree

- ~~2 semester hours of free electives must be outside the major discipline~~

Total Required (~~122-120~~ Hours)

PROPOSED (2019-2020)

Geographic Information Systems Certificate

Certificate Code: 140A

CIP Code: 45.0701

Minimum 2.5 GPA overall required in GIS certificate courses.

Required [\(9 hours\)](#)

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- [GHY 2812 - Geospatial ~~Data and~~ Technology in a Changing World \(3\)](#)
- [GHY 3812 - ~~Introduction to GIS~~ Geographic Information Systems \(3\)](#)
- [GHY 4812 - Advanced GIS \(3\)](#)
- [GHY 4814 - Principles of GeoComputation \(3\)](#)

[Electives \(3-4 hours\)](#)

- [C S 2435 - Introduction to Scientific Programming \(4\)](#)
- [GHY 3814 - Web Mapping and GIS \(3\)](#)
- [GHY 4810 - Digital Image Processing \(3\)](#)
- [GHY 4816 - GIScience and Water Resources \(3\)](#)

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Authorized Substitutions

Child Development - Family and Child Studies Concentration, BS

Program Code: 510*/510H

CIP Code: 19.0706

General Education Requirements (44 Hours)

- [General Education Requirements](#)

Major Requirements (~~79~~ 76 Hours)

A minimum grade-point average of 2.5 is required in all major courses. 18 sh in the major must be completed at Appalachian.

Child and Family Studies Core (30 Hours)

- [FCS 2101 - Child Development: Birth-2 Years \(3\)](#)
- [FCS 2102 - Child Study and Guidance \(3\)](#)
- * [FCS 2103 - Family Development: Origins and Movement \(3\)](#)
- [FCS 2104 - Child Development: 3-K Years \(3\)](#)
- * [FCS 2110 - Global Awareness: Examining the Human Condition \(3\)](#)
- [FCS 3102 - Family, Child and Professional Interactions: A Focus on Young Children \(3\)](#)
- [FCS 3106 - Adolescent Development \(3\)](#)
- [FCS 3107 - Variations in Development: Birth through Kindergarten \(3\)](#)
- [FCS 3109 - Child Development: Ages 5-12 \(3\)](#)
- [FCS 3250 - Reflective Practices: Observation and Constructivist Pedagogy in Early Care and Education Settings \(3\)](#)

Professional Core (23 Hours)

- [FCS 1400 - Professional Orientation \(1\)](#)
- [FCS 3901 - Practicum \(3\)](#)
- [FCS 4400 - Professional Seminar \(1\)](#) [WID]
- [FCS 4553 - Leadership in Advocacy, Administration, and Collaboration \(3\)](#)
- [FCS 4610 - Administration of Early Childhood Programs \(3\)](#)
- [FCS 4900 - Internship \(3-12\)](#) [CAP] 12 sh required for major

Related Core (8-5 Hours)

- [ART 3022 - Art Education: Birth Through Six-Making Sense of the World \(3\)](#)
- ~~[PSY 1200 - Psychological Foundations \(3\)](#)~~
- [NUT 2201 - Foods and Nutrition for Children \(2\)](#)

Choose A Minimum Of One Of The Following For Area(s) Of Focus (18 Hours)

Early Childhood Focus (18 Hours)

- [FCS 4556 - Infant/Toddler Curriculum \(3\)](#)
- [FCS 4602 - Preschool Curriculum and Instruction \(3\)](#)
- [SPE 3274 - Developmental/Educational Assessment: Birth-5 \(3\)](#)

Choose three from the following:

- [FCS 3100 - Early Intervention for Young Children \(3\)](#)
- [FCS 3110 - Enriching Experiences and Programming for Children \(3\)](#)
- [R E 3902 - Emergent Literacy \(3\)](#)
- [R E 3240 - World Literature for Children \(3\)](#)
- [ART 2420 - The Child as Cultural Construct \(3\)](#)

Early Intervention Focus (18 Hours)

-
- [FCS 3100 - Early Intervention for Young Children \(3\)](#)
 - [FCS 4602 - Preschool Curriculum and Instruction \(3\)](#)
 - [FCS 4556 - Infant/Toddler Curriculum \(3\)](#)
 - [SPE 3274 - Developmental/Educational Assessment: Birth-5 \(3\)](#)

Choose two from the following:

-
- [CSD 2259 - Communication Disorders \(3\)](#)
 - [CSD 3366 - Communication Development \(3\)](#)
 - [CSD 3368 - American Sign Language I \(3\)](#)
 - [CSD 3370 - American Sign Language II \(3\)](#)
 - [SPE 3350 - Characteristics, Theories, and Diagnosis of Students with Learning Differences: General and Adapted Curriculum \(3\)](#)
 - [SPE 3370 - Introduction to Developmental Disabilities: General and Adapted Curriculum \(3\)](#)

Child & Family Support Services Focus (18 Hours)

-
- [FCS 4602 - Preschool Curriculum and Instruction \(3\)](#)
 - [FCS 4556 - Infant/Toddler Curriculum \(3\)](#)
 - [SOC 1110 - Sociology of Intimate Relationships \(3\)](#)

Choose three from the following:

-
- [FCS 4611 - Psychosocial Care of Families and Children in the Hospital \(3\)](#)
 - [SOC 1000 - The Sociological Perspective \(3\)](#)
 - [IDS 2450 - Introduction to Not-for-Profit Organizations \(3\)](#)
 - [PSY 2100 - Psychology of Parenting \(3\)](#)

Programs & Services for Middle Childhood & Adolescence Focus (18 Hours)

-
- [FCS 3110 - Enriching Experiences and Programming for Children \(3\)](#)

Choose five from the following:

- [R M 2000 - Nature and Youth \(3\)](#)
- or
- [C I 2000 - Nature and Youth \(3\)](#)
-
- [R M 2100 - Leisure in Society \(3\)](#)
- [R M 2120 - Leadership and Group Dynamics in Recreation \(3\)](#)
- [R M 2410 - Recreation Program Planning \(3\)](#)
- [IDS 2450 - Introduction to Not-for-Profit Organizations \(3\)](#)
- [C I 3556 - Children at Risk \(3\)](#)
- [C I 3554 - Investigating the Past and Present through the Experiences of Children \(3\)](#)
- [C I 3920 - Teaching Young Adolescents \(3\)](#)
- [C I 4835 - Media: Image, Influence, and Identity \(3\)](#)
- [PSY 2210 - Psychology of Human Growth and Development \(3\)](#)
- [PSY 3000 - Educational Psychology \(3\)](#)

Free Electives (2-6 Hours)

To total a minimum of ~~123~~ 120 Hours.

Note:

* FCS 2103, and FCS 2110, ~~and PSY 1200~~ taken for the major may count up to ~~9~~ 6 SH toward General Education.

Dr. Teresa Sumrall, Program Director
sumralltc@appstate.edu

Child Development Minor

Minor Code: 510

CIP Code: 19.0706

The Minor in Child Development is open only to students not majoring in the Department of Family and Child Studies and of Family & Consumer Sciences Education.

Required (15 Hours)

- [FCS 2101 - Child Development: Birth-2 Years \(3\)](#)
- [FCS 2102 - Child Study and Guidance \(3\)](#)
- [FCS 2103 - Family Development: Origins and Movement \(3\)](#)
- [FCS 2104 - Child Development: 3-K Years \(3\)](#)
- [FCS 3109 - Child Development: Ages 5-12 \(3\)](#)

Select At Least Two From The Following (5-6 Hours)

- [FCS 3100 - Early Intervention for Young Children \(3\)](#)
- [FCS 3102 - Family, Child and Professional Interactions: A Focus on Young Children \(3\)](#)
- [FCS 3106 - Adolescent Development \(3\)](#)
- [FCS 3107 - Variations in Development: Birth through Kindergarten \(3\)](#)
- [FCS 3110 - Enriching Experiences and Programming for Children \(3\)](#)
-
- [FCS 4556 - Infant/Toddler Curriculum \(3\)](#)

• — or

- ~~CI 4556 - Infant/Toddler Curriculum (3)~~

- ~~or~~

- ~~SPE 4556 - Infant/Toddler Curriculum (3)~~

-

- [FCS 4602 - Preschool Curriculum and Instruction \(3\)](#)

- ~~or~~

- ~~CI 4602 - Preschool Curriculum and Instruction (3)~~

- ~~or~~

- ~~SPE 4602 - Preschool Curriculum and Instruction (3)~~

-

- [FCS 4610 - Administration of Early Childhood Programs \(3\)](#)

- [FCS 4611 - Psychosocial Care of Families and Children in the Hospital \(3\)](#)

- [NUT 2201 - Foods and Nutrition for Children \(2\)](#)

- [SPE 3274 - Developmental/Educational Assessment: Birth-5 \(3\)](#)

Total Required (20-21 Hours)

Contact:

Dr. Denise Brewer

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