

MINUTES OF THE MEETING
OF THE UNDERGRADUATE ACADEMIC POLICIES AND PROCEDURES COMMITTEE
December 2, 2020

The Undergraduate AP&P Committee met on Wednesday, December 2, 2020 at 3:00 p.m. via Zoom.

Committee members present: Dr. Jon Beebe, Dr. C. A. Debelius, Dr. Christina Hayes, Dr. Jeff Hirst, Dr. Steve Leon, Dr. Jamie Levine, Dr. Courtney McGahee, Mr. Jason Miller, Dr. Tanga Mohr, Dr. Lisa Poling, Dr. Manan Roy, Dr. Shannon Shanely, Dr. Teressa Sumrall, Mr. John Wiswell, Mr. Brayden Benkiel, Mr. Hunter Koch

Committee members excused: Dr. Susan Lappan

Committee members not excused:

At 3:00 p.m., Dr. Tanga Mohr called the meeting to order.

Approval of Minutes

November 4, 2020

Vote 1 – To approve the minutes from November 4, 2020 - PASSED

Subcommittee

- **AP&P Joint Subcommittee** – Nothing to report

Announcements/FIOs

- FIO - Semester Offerings Changes
 - GCM 3512 changed from Fall to Fall; Spring
 - GCM 4591 changed from Fall; Spring to Spring
 - GCM 4622 changed from Fall; Spring to Fall

1. New Business (Total 39)

College of Arts and Sciences (21)

Dean's Council (1)

College of Fine and Applied Arts (17)

Mark Bradbury presented proposals (21) from the College of Arts and Sciences for the Department of Chemistry and Fermentation Sciences, Department of Government and Justice Studies, Department of Physics and Astronomy, and Department of Sociology.

Proposals (3) from the Department of Chemistry and Fermentation Sciences were approved as follows:
(Effective: Fall 2021)

U_CAS_CFS_2020_1 Revise the program of study for the Bachelor of Science in Chemistry with a concentration in Certified Chemist (214B/40.0501). The program of study is at the end of the minutes.

U_CAS_CFS_2020_2 Revise the program of study for the Bachelor of Science in Fermentation Sciences (118A/01.1099). The program of study is at the end of the minutes.

U_CAS_CFS_2020_3 Add an undergraduate minor in Fermentation Sciences (118/01.1099). The

program of study is at the end of the minutes.

Vote 2 – To approve the proposals from the Department of Chemistry and Fermentation Sciences - PASSED

Proposals (4) from the Department of Government and Justice Studies were approved as follows: (Effective: Fall 2021).

U_CAS_GJS_2020_1

Course Addition:

PS 3560 – American Politics and Gender (3)

When Offered: On demand

This class is designed as an overview of the field of gender and American politics. It will examine critically the role gender plays in shaping U.S. politics at the individual level and how gender shapes the institutions of the U.S. political system. Our topics and discussions will also examine how gender intersects with other identities (e.g., race, class) to shape experiences and behavior.

Schedule type: Lecture

U_CAS_GJS_2020_2

Course Addition:

PS 3580 – Feminist Political Theory (3)

When Offered: On demand

This course examines the various types of feminist political theories that inform contemporary feminist politics. The course considers the following: liberal feminism, radical feminism, women of color feminisms, Marxist and socialist feminism, psychoanalytic feminism and care-based feminism, eco-feminism, existentialist, poststructuralist, and postmodern feminism, third wave and queer feminism. The course will explore the similarities and differences between these feminist political theories, including their historical evolution in relation to feminist politics. Among our guiding questions will be how to understand feminisms, feminists, and their roles in political debates and policy issues today.

Schedule type: Lecture

U_CAS_GJS_2020_3

Course Addition:

PS 3570 – Politics and Film (3)

When Offered: Fall, Spring

This class will include a review of contemporary as well as classic movies. Thematically, our films will cover topics including campaigns and elections, nuclear war, congressional politics, political ambition, racial politics, sexual orientation, local politics, and authoritarianism. After viewing each film, we will assess as a group the degree to which the political portrayal differs from political reality as understood through political science. Where significant discrepancies exist, we will consider the implications of these misrepresentations. We will use the films as vehicles for surveying and better understanding how we understand politics and how the film's writers, producers, and actors understand politics, and what messages we think were conveyed to public.

Schedule type: Lecture

U_CAS_GJS_2020_4 Revise the programs of study for Bachelor of Arts in Political Science (271A/45.1001) and the Bachelor of Science in Political Science (272C, 272D, 272J, 272L, 272M/45.1001) to add PS 3570 to the WID list. The WID note will read as follows:
You must complete at least one 3-hour course with a Writing in the Discipline [WID] designation within the Major Requirements. Courses with the [WID] designation are P S 3280, P S 3320, P S 3370, P S 3550, P S 3570, P S 4230, P S 4723, & P S 4748. [WID] All have PRE: R C 2001.

Vote 3 – To approve the proposals from the Department of Government and Justice Studies - PASSED

Proposals (7) from the Department of Physics and Astronomy were approved as follows: (Effective: Fall 2021)

U_CAS_P&A_2020_1 Revise the program of study for the undergraduate minor in Physics (270/40.0801). The program of study is at the end of the minutes.

U_CAS_P&A_2020_2 Add a note to **PHY 2700 – Computer Interfacing (3)**
Students who have already completed PHY 4330 and/or PHY 4730 cannot receive credit for PHY 2700.

U_CAS_P&A_2020_3 Course Deletion:
PHY 3350 – Physical Science investigations (3)

POS affected: 214B, 214D, 214F, 216A

U_CAS_P&A_2020_5 Course Deletion:
AST 3200 – Astromechanics (2)

Nothing affected

U_CAS_P&A_2020_6 Change the prerequisite statement of **AST 3140 – Star Formation (3)** to read as follows:
Prerequisites: AST 1002, PHY 1151, MAT 1120 or by permission of instructor.

U_CAS_P&A_2020_7 Change the prerequisite statement of **PHY 1812 – Acoustics and Harmonics (4)** to read as follows:
Prerequisite: Demonstrated Readiness for College-level Math or permission of instructor.

U_CAS_P&A_2020_8 Change the prerequisite statement of **PHY 2110 – Modern Physics I (3)** to read as follows:
Prerequisite: PHY 1151 or MAT 1120 and PHY 1104.

Vote 4 – To approve the proposals from the Department of Physics and Astronomy - PASSED

Proposals (2) from the Department of Sociology were approved as follows: (Effective: Fall 2021)

U_CAS_SOC_2020_8 Revise the program of study for the Bachelor of Science in Sociology with a concentration in Criminology, Deviance and Law (284L/45.1101). Due to title change request, the program code will change, 284L will be deleted and 284R

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

U_CAS_SOC_2020_10 Revise the program of study for the Bachelor of Science in Sociology with a concentration in Families and Intimate Relationships (284M/45.1101). The program of study is at the end of the minutes.

Vote 5 – To approve the proposals from the Department of Sociology - PASSED

Jason Miller presented proposals (17) from the College of Fine and Applied Arts for the Department of Applied Design

Proposals (17) from the Department of Applied Design were approved as follows: (Effective: Fall 2021)

GU_FAA_AD_IND_2020_01 Remove the dual listing statement from **IND 4555 – Contemporary Industrial Finishing (2)**. The graduate level course is being deleted.

GU_FAA_AD_IND_2020_02 Remove the dual listing statement from **IND 4557 – Design for Manufacture (3)**. The graduate level course is being deleted.

GU_FAA_AD_IND_2020_03 Remove the dual listing statement from **IND 4565 – Applied Furniture Design and Construction (4)**. The graduate level course is being deleted.

U_FAA_AD_IND_2020_04 Change the course number of **IND 2012 – Product Design (3)** [Delete IND 2012 and ADD IND 1401] to read as follows:
IND 1401 - Product Design (3)
When Offered: Fall; Spring
GEN ED: Fine Arts Designation; Liberal Studies Experience
This is an introduction to product design and problem-solving techniques. Emphasis is given to history of industrial design, methods for communicating design ideas, systematic design, product design specifications, corporate strategies in planning product innovations, fundamentals of materials and manufacturing processes used in the mass production of consumer products. Students will write multiple reports and give oral presentations throughout the semester. Selected assignments from this course will be appropriate for inclusion in student portfolios. Lecture three hours.

POS affected: 571A, 576B, 576C, 577B, 710A, Gen Ed, GC, MS

IND 2012 and IND 1401 are equivalent.

U_FAA_AD_IND_2020_05 Change the course number of **IND 2201 – Design Drawing I (3)** [DELETE IND 2201 and ADD IND 1201] to read as follows:

IND 1201 - Design Drawing I (3)

When Offered: Fall; Spring

This course will introduce basic drawing principles and techniques as important tools for visual thinking and communication of design ideas. The primary emphasis will be on freehand sketching for quick ideation during problem-solving, though experimentation with different media will be encouraged. Studio six hours.

POS affected: 576B, 576C, 577B, MS, GC

Courses affected: IND 2211, IND 2311, IND 2411, IND 2421, IND 4100

IND 2201 and IND 1201 are equivalent.

U_FAA_AD_IND_2020_06

Change the course number of **IND 2901 – CADD II: Free Modeling (3)** [DELETE IND 2901 and ADD IND 2010] to read as follows:
IND 2010 - CADD II: Free Modeling (3)

When Offered: Fall; Spring

This course is an in-depth exploration of Computer Aided Design and Drafting (CADD) software as used in free modeling applications. Units will include: layout and construction methods, perspective, finished illustration techniques and an introduction to animation. Lecture two hours, laboratory two hours.

Prerequisite: IND 1010 or permission of the instructor.

POS affected: 576B, 576C, GC

Course affected: IND 3901

IND 2901 and IND 2010 are equivalent.

U_FAA_AD_IND_2020_07

Change the course number of **IND 3901 – CADD III: Parametric Modeling (3)** [DELETE IND 3901 and ADD IND 3010] to read as follows:

IND 3010 - CADD III: Parametric Modeling (3)

When Offered: Spring

This course is an in-depth exploration of Parametric Computer Aided Design and Drafting (CADD) and its application in industrial design. Units will include: advanced 3D construction techniques, constraints, assembly modeling, finite analysis and document development.

Lecture two hours, laboratory two hours.

Prerequisite: IND 2000 and IND 2010.

POS affected: 576B, 576C, GC

Course affected: IND 3901

IND 3901 and IND 3010 are equivalent.

U_FAA_AD_IND_2020_08

Change the course number of **IND 3911 – Rapid Prototyping (3)** [DELETE IND 3911 and ADD IND 3301] to read as follows:

IND 3301 - Rapid Prototyping (3)

When Offered: On Demand

This class involves the study and practice of using computer aided design and drawing to interface with computer aided machining. The course presents the concepts of part positioning, machining reference datums, tooling, tool path, accuracy, and precision. Students are expected to design and produce finished parts for their design portfolios. Lecture two hours, laboratory two hours.

Prerequisite: IND 2000.

POS affected: 576B, 576C, MS, GC

Course affected: IND 3911

IND 3911 and IND 3301 are equivalent.

- U_FAA_AD_IND_2020_09 Change the prerequisite statement of **IND 2311 – Human Factors in Design (3)** to read as follows:
Prerequisites: IND 1201 and INT 1001.
- U_FAA_AD_IND_2020_10 Change the prerequisite statement of **IND 3701 – Product Design Studio I (4)** to read as follows:
Prerequisites: IND 2000, R C 2001 or its equivalent.
- U_FAA_AD_IND_2020_11 Change the prerequisite statement of **IND 2000 – Sophomore Portfolio Review (0)** to read as follows:
Prerequisites: IND 1010, IND 1201, INT 1001, R C 2001 or its equivalent; and declared major in Industrial Design.
- U_FAA_AD_IND_2020_12 Change the prerequisite statement of **IND 2301 – Model Making (3)** to read as follows:
Prerequisite: INT 1001.
- U_FAA_AD_IND_2020_13 Change the prerequisite statement of **IND 4100 – Furniture III (4)** to read as follows:
Prerequisites: IND 3200, and a declared major in Industrial Design.
- U_FAA_AD_IND_2020_14 Course Addition:
IND 2701 – Industrial Design Studio (3)
When Offered: Fall; Spring
Design studio is an integral aspect of the educational process of a designer. This course will integrate drawing, modeling and creative problem solving as students explore the process of studio projects. Successful students will complete a series of design projects where they develop concepts from ideas to fully realized models.
Prerequisites: INT 1001, IND 1010 and IND 1201. Studio six hours.

Schedule type: Studio
- U_FAA_AD_IND_2020_15 Course Deletion:
IND 2411 – Introduction to Design Studio (3)

POS affected: 576B, 576C, MS
Courses affected: IND 2000, IND 3701
- U_FAA_AD_IND_2020_16 Revise the program of study for the Bachelor of Science in Industrial Design with a concentration in Product Design (576C/50.0404). The program of study is at the end of the minutes.
- U_FAA_AD_IND_2020_17 Revise the program of study for the Bachelor of Science in Industrial Design – Furniture Design (576B/50.0404). The program of study is at the end of the minutes.

Vote 6 – To approve the proposals from the Department of Applied Design - PASSED

Mark Ginn presented and withdrew a proposal from Deans Council

U_DC_DC_2020_1

Update foreign language degree requirements for all degrees indicated on 6a attachment to move from six hours of required foreign language at the intermediate level to a demonstrated proficiency of intermediate level foreign language. **WITHDRAWN**

Old Business

Other

Adjournment

Vote 7 – To approve the motion to adjourn – PASSED

UNDERGRADUATE ACADEMIC POLICIES AND PROCEDURES COMMITTEE
December 2, 2020
 Unofficial Vote Record

| Committee Members | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| Jon Beebe | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| C. A. Debelius | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| Christina Hayes | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| Jeff Hirst | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| Susan Lappan | - | - | - | - | - | - | - | | | | | | |
| Steve Leon | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| Jamie Levine | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| Courtney McGahee | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| Jason Miller | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| Tanga Mohr | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| Lisa Poling | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| Manan Roy | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| Shannon Shanely | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| Teressa Sumrall | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| John Wiswell | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| Brayden Benkiel | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| Hunter Koch | Y | Y | Y | Y | Y | Y | Y | | | | | | |

The recommendations from the December 2, 2020 Undergraduate Academic Policies and Procedures Committee meeting are approved.

Heather Norris

2/12/2021

Heather Norris
 Interim Provost and Executive Vice Chancellor

Date

Chemistry - Certified Chemist Concentration, BS

Program Code: 214*/214B

CIP Code: 40.0501

General Education Curriculum (44 Hours)

General Education Requirements

CHE 1101, CHE 1110, CHE 1102, CHE 1120, and MAT 1110 will fulfill General Education requirements.

Major Requirements (~~54~~55-56 Hours)

(Not including 12 s.h. already counted in General Education Requirements, above)

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major discipline, 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.

Chemistry (42 Hours)

CHE 1101 - Introductory Chemistry I (3)

CHE 1110 - Introductory Chemistry Laboratory I (1)

CHE 1102 - Introductory Chemistry II (3)

CHE 1120 - Introductory Chemistry Laboratory II (1)

CHE 2201 - Organic Chemistry I (3)

CHE 2203 - Organic Chemistry Laboratory I (1)

CHE 2202 - Organic Chemistry II (3)

CHE 2204 - Organic Chemistry Laboratory II (1)

CHE 2210 - Quantitative Analysis (3)

[CHE 2211 - Quantitative Analysis Laboratory \(1\)](#)

[CHE 3000 - Introduction to Chemical Research \(1\)](#)

[CHE 3301 - Physical Chemistry I \(3\)](#)

[CHE 3303 - Physical Chemistry I Laboratory \(1\) \[WID\]](#) [WID]

[CHE 3302 - Physical Chemistry II \(3\)](#)

[CHE 3304 - Physical Chemistry II Laboratory \(1\)](#)

[CHE 3404 - Inorganic Chemistry \(3\)](#)

[CHE 3405 - Inorganic Chemistry Laboratory \(1\)](#)

[CHE 3560 - Instrumental Methods of Analysis \(3\)](#)

[CHE 3561 - Instrumental Methods of Analysis Laboratory \(1\)](#)

[CHE 4000 - Chemistry Seminar \(1\)](#) [CAP]

[CHE 4580 - Biochemistry I \(3\)](#)

Choose One ~~o~~f The Following:

[CHE 4400 - Senior Research \(1\)](#)

or

[CHE 4510 - Chemistry Honors Thesis \(1\)](#)

Physics (10 Hours)

[PHY 1150 - Analytical Physics I \(5\)](#)

[PHY 1151 - Analytical Physics II \(5\)](#)

Mathematics (8 Hours)

[MAT 1110 - Calculus With Analytic Geometry I \(4\)](#)

[MAT 1120 - Calculus With Analytic Geometry II \(4\)](#)

Other Science (~~7~~6-8 Hours)

[BIO 1801 Biological Concepts I \(4\)](#)

Plus ~~6-8~~3-4 semester hours selected from: astronomy, biology, geology and environmental sciences, or physics. [GES 1842](#) or [GES 2301](#) may be used in General Education Integrative Learning Experience depending on choices.

(Physics courses at the 1000 level, and PHY 3350, are not accepted)

A course ~~in~~ computer programming ~~is~~ also recommended

(Suggested course: CS ~~1445~~ 2435 Introduction to Programming with Interdisciplinary Applications {Pre: MAT 1020 or 1025 w/min grade C-})

Minor (Optional)

Electives (~~20~~ 21 Hours)

(Taken to total 120 hours for the degree)

Total Required (120 Hours)

Fermentation Sciences, BS

Program Code: 118A

CIP Code: 01.1099

General Education Requirements (44 Hours)

General Education Requirements

CHE 1101, CHE 1110, CHE 1102, CHE 1120, ECO 2030, and MAT 1110 will fulfill General Education requirements.

Major Requirements (74 Hours)

Not including 15 hours already counted in General Education Requirements, above

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major discipline, 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.

Fermentation Science (25 Hours)

FER 1000 - Principles of Fermentation Sciences (3)

FER 2000 - Social Implications of Fermented Beverages (1)

FER 2100 - Reading and Writing in Fermentation Sciences (2)

FER 3200 - Facility Design and Operation (3) [WID] [WID]

FER 4300 - Sensory Analysis (3) [CAP]

or

[FER 4900 - Internship \(1-12\)](#) [CAP] (at least 3 hours is needed to meet major requirements)

Fermentation Electives - Choose Four

[FER 3000 - Viticulture: Vine Physiology and Vineyard Establishment \(4\)](#)

[FER 3100 - Biofuels and Bioprocessing \(3\)](#)

[FER 4140 - Principles of Wine Production \(3\)](#)

[FER 4150 - Winery Operations and Analysis \(3\)](#)

[CHE 4240 - Principles of Brewing Science \(3\)](#)

or

[FER 4240 - Principles of Brewing Science \(3\)](#)

[CHE 4250 - Brewing Production and Analysis \(3\)](#)

or

[FER 4250 - Brewing Production and Analysis \(3\)](#)

[FER 4400 - Distillation Technology \(3\)](#)

Chemistry (19 Hours)

* Minimum grade of "C-" (1.7) required.

[CHE 1101 - Introductory Chemistry I \(3\)](#)

and

[CHE 1110 - Introductory Chemistry Laboratory I \(1\)](#)

[CHE 1102 - Introductory Chemistry II \(3\)](#) *

and

[CHE 1120 - Introductory Chemistry Laboratory II \(1\)](#)

[CHE 2101 - Fundamentals of Organic Chemistry \(3\)](#)

[CHE 2102 - Fundamentals of Organic Chemistry Laboratory \(1\)](#)

[CHE 2210 - Quantitative Analysis \(3\)](#)

[CHE 2211 - Quantitative Analysis Laboratory \(1\)](#)

[CHE 4580 - Biochemistry I \(3\)](#)

Biology (11 Hours)

[BIO 1801 - Biological Concepts I \(4\)](#)

[BIO 2600 - Cell Biology \(3\)](#)

[BIO 3308 - Microbiology \(4\)](#)

Mathematics and Economics (11 Hours)

[ECO 2030 - Principles of Microeconomics \(3\)](#)

[MAT 1110 - Calculus With Analytic Geometry I \(4\)](#)

[STT 3850 - Statistical Data Analysis I \(4\)](#)

Focus Area Courses (9-11 Hours)

[NUT 1202 - Basic Food Science \(3\)](#)

Focus Area Electives - Choose Two

[BIO 2400 - Genetics \(3\)](#)

[BIO 3800 - Molecular Biology \(4\) \[WID\]](#)

[BIO 4555 - Plant Physiology \(4\)](#)

[BIO 4564 - Microscopy \(4\)](#)

[FER 3530-3549 - Selected Topics \(1-4\)](#)

[S D 3100 - Principles of Agroecology \(3\)](#)

[S D 3155 –Soil Fertility Management \(3\)](#)

[S D 4205 – Ecologically-based Pest Management \(3\)](#)

[PHY 1830 - The Physical Principles of Energy and Sustainability \(3\)](#)

[TEC 3605 - Sustainable Resource Management \(3\)](#)

[TEC 3606 - Sustainable Water and Wastewater Technology \(3\)](#)

[TEC 4700 - Bioenergy Technology \(3\)](#)

Business Courses (12 Hours)

[ACC 1050 - Survey of Accounting \(3\)](#)

[BUS 1050 - Introduction to Business \(3\)](#)

[MKT 3050 - Principles of Marketing \(3\)](#)

Business Electives - Choose One

[HOS 2000 - Survey of the Hospitality and Tourism Industry \(3\)](#)

[MGT 3010 - Survey of Management \(3\)](#)

[ENT 3060 - Opportunity and Entrepreneurship \(3\)](#)

[ENG 3700 - Technical Writing \(3\) \[WID\]](#) [WID]

Minor (optional)

Students are encouraged to pursue a minor in one of the following areas: Chemistry, Biology, Marketing, or Entrepreneurship.

Electives (0-5 Hours)

Taken to total 120 hours for the degree

Total Required (120 Hours)

Fermentation Sciences Minor

Minor Code: 118

CIP Code: XXXX

Required (3 Hours)

FER 1000 – Principles of Fermentation Sciences (3)

Electives (12 Hours)

Choose 12 hours of FER courses at or above the 2000 level

Total Required (15 Hours)

***FER 4900 (internship) will count for a maximum of 3 elective hours.

A minimum of 9 hours must be ‘in residence,’ i.e. courses taken through Appalachian (can include study abroad, Appalachian online courses, etc.).

Physics Minor

Minor Code: 270

CIP Code: 40.0801

Required (~~8-10~~23-25 Hours)

One of the following sequences.

PHY 1103 - General Physics I (4)

PHY 1104 - General Physics II (4)

or

PHY 1150 - Analytical Physics I (5)

PHY 1151 - Analytical Physics II (5)

[MAT 1110 - Calculus With Analytic Geometry I \(4\)](#)

[MAT 1120 - Calculus With Analytic Geometry II \(4\)](#)

[PHY 2010 - Intermediate Physics I \(4\)](#)

[PHY 2110 - Modern Physics I \(3\)](#)

Electives

Choose ~~8-3~~ hours of physics electives at or above the 2000 level.

Total Required (~~16-18~~26-28 Hours)

A minimum of 9 hours must be 'in residence,' i.e. courses taken through ASU (can include study abroad, ASU online courses, etc.).

Sociology - Criminology, ~~Deviance and Law~~ Concentration, BS

Program Code: 284*/~~284L~~284R

CIP Code: 45.1101

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 (63-66 Hours)

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major discipline, 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.

Core Sociology Courses (24-27 Hours)

All courses are required and hours only vary due to internship placement.

Note: Each course marked with an asterisk must be completed with a grade of "C" (2.0) or higher.

SOC 1000 - The Sociological Perspective (3) *

SOC 3885 - Research Methods (3) [WID] [WID] *

SOC 3895 - Social Statistics and Data Analysis (3) *

SOC 3950 - Classical Sociological Theory (3) *

SOC 3960 - Contemporary Sociological Theory (3) [WID]*

SOC 4390 - Applied Sociology Seminar (3) *

SOC 4450 - Senior Capstone (3) [CAP] [CAP]

SOC 4900 - Internship (3-6)

Core Concentration Courses (~~15~~9 Hours)

SOC 2020 - Social Deviance (3)

SOC 3340 - Criminology (3)

~~**SOC 3345 - Communities and Crime (3)**~~

[Must take at least ONE of the following \(students are encouraged to take both\):](#)

SOC 4150 - Sociology of Law (3)

SOC 4340 - Punishment and Social Control (3)

Sociology Concentration Electives (Choose 21 hours; 15 hours must be at the 3000-4000 level)

~~**Choose 12 semester hours with advisor consent**~~

[**SOC 1100 - Social Problems in American Society \(3\)**](#)

[**SOC 1110 - Sociology of Intimate Relationships \(3\)**](#)

[**SOC 1530-1531 - Selected Topics \(1-4\)**](#)

[**SOC 2040 - Popular Culture \(3\)**](#)

SOC 2050 - Social Diversity and Inequalities (3)

[**SOC 2060 - Religion and Society \(3\)**](#)

[**SOC 2500 - Independent Study \(1-4\)**](#)

[**SOC 2600 - Medical Sociology \(3\)**](#)

[**SOC 2700 - Sociology of Sport \(3\)**](#)

[**SOC 2850 - Constructions of Gender \(3\)**](#)

[**SOC 3100 - Gerontology \(3\)**](#)

[**SOC 3150 - Environmental Sociology \(3\)**](#)

[**SOC 3320 - Conflict Resolution, Reconciliation, and Peace \(3\)**](#)

[**SOC 3335 - Sociology of Immigration \(3\)**](#)

[**SOC 3345 - Communities and Crime \(3\)**](#)

SOC 3360 - Juvenile Delinquency (3)

SOC 3370 - Sexual Violence (3)
[SOC 3500 - Independent Study \(1-4\)](#)
[SOC 3510 - Honors Seminar \(3\)](#)
[SOC 3520 - Instructional Assistance \(1\)](#)
[SOC 3530-3549 - Selected Topics \(1-4\)](#)
[SOC 3550 - Sociology of Work and Organizations \(3\)](#)
[SOC 3650 - Political Sociology \(3\)](#)
[SOC 3710 - Sociology of Appalachian Communities \(3\)](#)
[SOC 3750 - Propaganda, Media and Society \(3\)](#)
SOC 3800 - Sociology of War (3)
[SOC 4055 - Health Inequalities \(3\)](#)
[SOC 4250 - Social Movements \(3\)](#)
[SOC 4350 - Constructing Bodies and Sexualities \(3\)](#)
[SOC 4510 - Senior Honors Thesis \(3\)](#)
[SOC 4530-4549 - Selected Topics \(1-4\)](#)
SOC 4560 - Race and Ethnicity (3)
~~[SOC 4600 - Political Sociology \(3\)](#)~~
SOC 4650 - Women, Crime, and the Justice System (3)
[SOC 4750 - Wealth, Power, and Privilege \(3\)](#)
[SOC 4800 - Sociology of Families \(3\)](#)
[SOC 4850 - Global Sociology \(3\)](#)

Other Concentration Electives (Choose 9 hours)

Choose 12 semester hours with advisor consent

C J 2150 - The Court System (3)

or

C J 3050 - American Legal Systems (3)

[C J 3110 - Crime and Culture \(3\)](#)

[C J 3121 - International Terrorism \(3\)](#)

or

[P S 3121 - International Terrorism \(3\)](#)

C J 3551 - Criminal Law (3)

or

C J 3552 - Criminal Procedure (3)

[C J 3665 - Innocence in the Criminal Justice System \(3\)](#)

C J 3888 - Diversity in Justice and Public Affairs (3)

or

P S 3888 - Diversity in Justice and Public Affairs (3)

C J 4550 - Civil Rights and Liberties (3)

or

P S 4550 - Civil Rights and Liberties (3)

C J 4680 - Organized Crime (3)

or

P S 4680 - Organized Crime (3)

COM 3305 - Communication Law (3)

ENG 3160 - Law and Justice in Film (3)

~~FCS 3106 - Adolescent Development (3)~~

[HIS 1501 - Revolution and Social Change in World History \(3\)](#)

[HIS 3151 - Comparative Genocide in the Twentieth Century \(3\)](#)

[HIS 3156 - History of International Terrorism \(3\)](#)

[HIS 3242 - The American Civil Rights Movement \(3\)](#)

HIS 3424 - History of Women and the Law (3)

HPC 4570 - The Addictive Process (3)

PHL 3040 - Social and Political Philosophy (3)

[P S 2240 - Comparative Politics \(3\)](#)

P S 3150 - Constitutional Law (3)

P S 3230 - American Legislative Politics (3)

[P S 3280 - Public Policy Analysis \(3\)](#)

[P S 3320 - Global Conflict and Mediation: The UN \(3\)](#)

[P S 3330 - Urban Politics \(3\)](#)

[P S 3431 - Civil Rights Movements and American Politics \(3\)](#)

P S 3660 - Administrative Law (3)

[P S 4721 - Human Rights \(3\)](#)

~~[PSY 2210 - Psychology of Human Growth and Development \(3\)](#)~~

~~[PSY 2211 - Psychology of Personality \(3\)](#)~~

~~[PSY 2212 - Abnormal Psychology \(3\)](#)~~

[PSY 2213 - Survey of Social Psychology \(3\)](#)

~~[PSY 3210 - Child and Adolescent Psychology \(3\)](#)~~

Suggested Minors (Optional)

[Anthropology](#)

[Communications](#)

[Community and Regional Planning](#)

[Criminal Justice](#)

[Economics](#)

[Global Studies](#)

[History](#)

[Media Studies](#)

[Political Science](#)

[Psychology](#)

[Public Health](#)

[Social Work](#)

[Statistics](#)

Electives (10-13 Hours)

Taken to total 120 hours for the degree

Total Required (120 Hours)

Sociology – Families and Intimate Relationships Concentration, BS

Program Code: 284*/284M

CIP Code: 45.1101Non-Teaching

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 (63-66 Hours)

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major discipline, 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.

Core Sociology Courses (24-27 Hours)

All courses are required and hours only vary due to internship placement.

NOTE: Each course marked with an asterisk must be completed with a grade of “C” (2.0) or higher.

- [SOC 1000 - The Sociological Perspective \(3\) *](#)
- [SOC 3885 - Research Methods \(3\) \[WID\] *](#)
- [SOC 3895 – Social Statistics and Data Analysis \(3\) *](#)
- [SOC 3950 – Classical Sociological Theory \(3\) *](#)
- [SOC 3960 - Contemporary Sociological Theory \(3\) \[WID\] *](#)
- [SOC 4390 - Applied Sociology \(3\) *](#)
- [SOC 4450 - Senior Capstone \(3\) \[CAP\] *](#)
- [SOC 4900 - Internship \(3-6\)](#)

Core Concentration Courses (15 9 Hours)

- [SOC 1110 - Sociology of Intimate Relationships \(3\)](#)
- [SOC 2850 - Constructions of Gender \(3\)](#)
- ~~[SOC 3370 - Sexual Violence \(3\)](#)~~
- ~~[SOC 4350 - Constructing Bodies and Sexualities \(3\)](#)~~
- [SOC 4800 - Sociology of Families \(3\)](#)

Sociology Concentration Electives (12 21 Hours; 15 hours must be at the 3000-4000 level)

- [SOC 1100 - Social Problems in American Society \(3\)](#)
- [SOC 1530-1531 - Selected Topics \(1-4\)](#)
- [SOC 2020 - Social Deviance \(3\)](#)
- [SOC 2040 - Popular Culture \(3\)](#)
- [SOC 2050 - Social Diversity and Inequalities \(3\)](#)
- [SOC 2060 - Religion and Society \(3\)](#)
- [SOC 2500 - Independent Study \(1-4\)](#)
- [SOC 2600 - Medical Sociology \(3\)](#)
- [SOC 2700 - Sociology of Sport \(3\)](#)
- [SOC 3100 - Gerontology \(3\)](#)
- [SOC 3150 - Environmental Sociology \(3\)](#)
- [SOC 3320 - Conflict Resolution, Reconciliation, and Peace \(3\)](#)
- [SOC 3335 - Sociology of Immigration \(3\)](#)
- [SOC 3340 - Criminology \(3\)](#)
- [SOC 3345 - Communities and Crime \(3\)](#)
- [SOC 3360 - Juvenile Delinquency \(3\)](#)
- [SOC 3370 - Sexual Violence \(3\)](#)
- [SOC 3500 - Independent Study \(1-4\)](#)
- [SOC 3510 - Honors Seminar \(3\)](#)
- [SOC 3520 - Instructional Assistance \(1\)](#)
- [SOC 3530-3549 - Selected Topics \(1-4\)](#)
- [SOC 3550 - Sociology of Work and Organizations \(3\)](#)
- [SOC 3650 - Political Sociology \(3\)](#)
- [SOC 3710 - Sociology of Appalachian Communities \(3\)](#)
- [SOC 3750 - Propaganda, Media and Society \(3\)](#)
- [SOC 3800 - Sociology of War \(3\)](#)
- [SOC 4055 - Health Inequalities \(3\)](#)
- [SOC 4150 - Sociology of Law \(3\)](#)
- [SOC 4250 - Social Movements \(3\)](#)
- [SOC 4340 - Punishment and Social Control \(3\)](#)
- [SOC 4350 - Constructing Bodies and Sexualities \(3\)](#)
- [SOC 4510 - Senior Honors Thesis \(3\)](#)
- [SOC 4530-4549 - Selected Topics \(1-4\)](#)
- [SOC 4560 - Race and Ethnicity \(3\)](#)

- [SOC 4650 - Women, Crime, and the Justice System \(3\)](#)
- [SOC 4750 - Wealth, Power, and Privilege \(3\)](#)
- [SOC 4850 - Global Sociology \(3\)](#)

Other Concentration Electives (12 9 Hours)

- ~~[ANT 2215 - Cultural Anthropology \(3\)](#)~~
- [ANT 2420 - Gender, Race and Class \(3\)](#)
- [ANT 3420 - Women and Gender in Anthropology \(3\)](#)
- [ANT 4350 - Human Reproduction from an Evolutionary Perspective \(3\)](#)
- [COM 2121 Interpersonal Communication \(3\)](#)
- [COM 3151 Gender Communication \(3\)](#)
- [FCS 2103 - Family Development: Origins and Movement \(3\)](#)
- [FCS 2110 Global Awareness: Examining the Human Condition \(3\)](#)
- [FCS 2111 - Social Diversity and the Family \(3\)](#)
- [FCS 4551 - Families in Later Life \(3\)](#)
- [GWS 2525 - Global Women's Issues \(3\)](#)
- [GWS 2600 - Introduction to LGBT Studies \(3\)](#)
- [GWS 3000 - Feminist Theories \(3\)](#)
- [GWS 3100 - Girls Coming of Age \(3\)](#)
- [GWS 3350 - Gender, Media and Popular Culture \(3\)](#)
- [GWS 4600 - Queer Theory \(3\)](#)
- ~~[HIS 3137 - Gender, Sex, and Sexuality in Early Modern Europe \(3\)](#)~~
- ~~[HIS 3240 - Race, Rock & Rebellion \(3\)](#)~~
- [HIS 3337 History of Women and Gender in the Middle East \(3\)](#)
- [HIS 3422 - Women in European History \(3\)](#)
- [HIS 3423 Women in American History \(3\)](#)
- [HIS 3424 History of Women and the Law \(3\)](#)
- [HPC 3390 An Introduction to and Procedures in the Helping Professions \(3\)](#)
- [HPC 4710 Teaching Sex Education within a Family Context \(3\)](#)
- [PHL 3030 - Feminist Philosophy \(3\)](#)
- [PSY 2100 - Psychology of Parenting \(3\)](#)
- [PSY 2210 - Psychology of Human Growth and Development \(3\)](#)
- [PSY 2305 Psychology of Gender \(3\)](#)
- [PSY 3210 - Child and Adolescent Psychology \(3\)](#)
- [REL 3030 - Gender, Sexuality, and the Bible \(3\)](#)
- [SD 3475 Gender, Inequality and Sustainable Development \(3\)](#)
- [S W 2020 - The American Social Welfare System \(3\)](#)
- [S W 2615 - Cultural Competence in the Helping Professions \(3\)](#)

Suggested Minors (Optional)

Child Development

Communications

Criminal Justice

Family and Consumer Sciences

Gender, Women's, and Sexuality Studies

Girls' Studies

Health and Aging
Human Resource Management
LGBT Studies
Non-profit Organizations
Psychology
Public Health
Social Work
Statistics

Electives (10-13 Hours)

Taken to total 120 hours for the degree

Total Required (120 Hours)

2021-2022 Undergraduate Bulletin

Appalachian State University

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Industrial Design - Product Design Concentration, BS

Program Code: 576*/576C

CIP Code: 50.0404

Non-Teaching

General Education Requirements (44 Hours)

- **General Education Requirements**

MAT 1020 fulfills the Quantitative Literacy requirement. **ARH 2130** and **IND 1401** taken for the major may count toward General Education in Liberal Studies Experience

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Major Requirements (86 Hours)

18 hours must be completed at Appalachian. Students must pass **IND 2000 - Sophomore Portfolio Review (0)**, 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 1201**, and **INT 1001**).

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- Junior Writing in the Discipline (WID)
- Senior Capstone Experience (CAP) must be met

Introductory Courses (16 Hours)

- **IND 1010 - CADD I: Imaging (3)**
- **IND 1401 - Product Design (3)**
- **IND 1201 - Design Drawing I (3)**
- **INT 1001 - Visual Literacy I (3)**

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- **MAT 1020 - College Algebra with Applications (4)** (MAT 1020 or higher)

Materials & Processes (12 Hours)

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- **IND 2120 - Materials and Processes I (3)**
- **IND 2301 - Model Making (3)**
- **IND 2311 - Human Factors in Design (3)**
- **IND 3120 - Materials and Processes II (3)**

History (9 Hours)

Choose from the following:

- **ARH 2130 - Art from 1400 to the Present (3)**
- **IND 2401 - History of Furniture Design (3)**
- **IND 2402 - Survey of Contemporary Design (3)**
- **INT 2310 - History of Interior Design and Architecture II (3)**

Product Design Courses (31 Hours)

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- **IND 2000 - Sophomore Portfolio Review (0)**
- **IND 2701 - Industrial Design Studio (3)**
- **IND 2010 - CADD II: Free Modeling (3)**
- **IND 3701 - Product Design Studio I (4) [WID].[WID]**
- **IND 3711 - Product Design Studio II (4)**
- **IND 3010 - CADD III: Parametric Modeling (3)**
- **IND 4702 - Product Design Studio III (4)**
- **IND 4712 - Product Design Studio IV (4) [CAP]**
- **IND 4811 - Professional Practice in Industrial Design (3)**
- **IND 4900 - Internship (3-12)** (3 sh required)

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Electives (18 Hours)

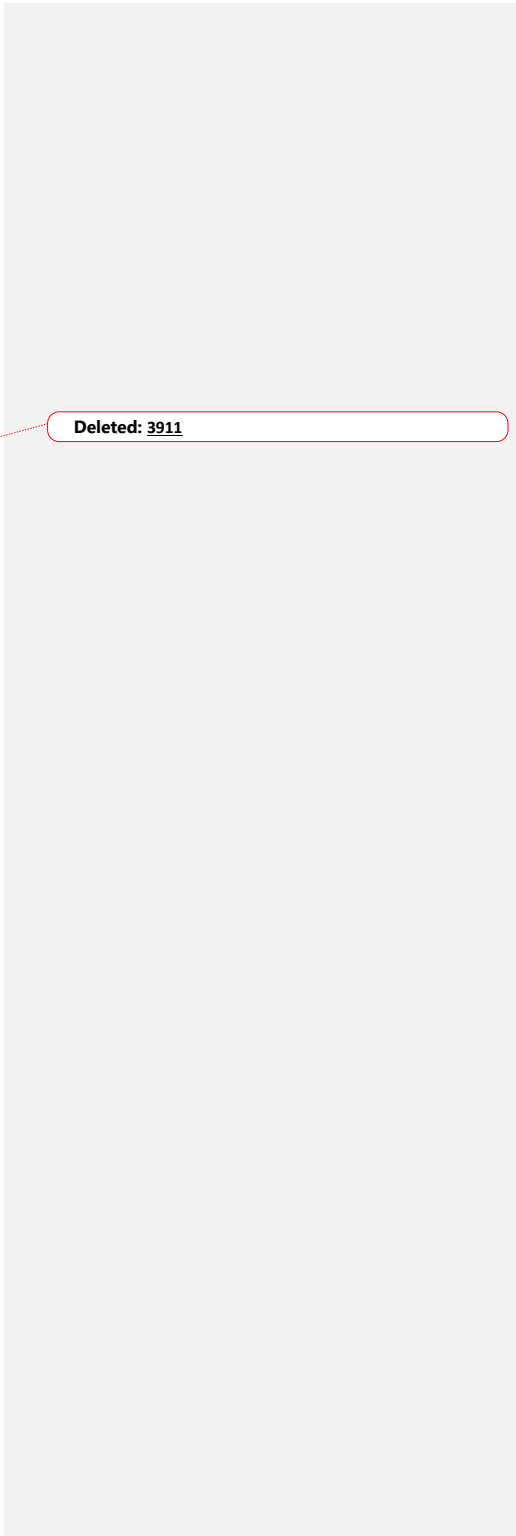
Chosen in consultation with IND advisor (See advisor for list of courses)

Recommended Electives

-
- **IND 2116 - Ceramic Technology (3)**
 - **IND 2321 - Product Systems Design (3)**
 - **IND 2421 - Preliminary Design Studio (3)**
 - **IND 3301 - Rapid Prototyping (3)**
 - [IND 3004 – Welding \(3\)](#)
 - **IND 3500 - Independent Study (1-5)**
 - IND 3530 - Selected Topics (1-5)
 - **IND 4557 - Design for Manufacture (3)**
 - International Studies & Foreign Languages Courses

Minor - Not Required

Total Required (120 Hours)



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Industrial Design - Furniture Design Concentration, BS

Program Code: 576*/576B

CIP Code: 50.0404

Non-Teaching

General Education Requirements (44 Hours)

[General Education Requirements](#)

([MAT 1020](#) fulfills the Quantitative Literacy requirement. [ARH 2130](#) and [IND 1401](#) for the major may count toward General Education Liberal Studies Experience).

Major Requirements (84 Hours)

Admittance to the second year experience is based on performance in the first year. Students must pass [IND 2000 - Sophomore Portfolio Review \(0\)](#), and declare the IND major, furniture concentration 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 1201](#), [INT 1001](#))

Junior Writing in the Discipline (WID)

Senior Capstone Experience (CAP) must be met.

Introductory Courses (16 Hours)

[IND 1010 - CADD I: Imaging \(3\)](#)

[IND 2000 - Sophomore Portfolio Review \(0\)](#)

[IND 1401 - Product Design \(3\)](#)

[IND 1201 - Design Drawing I \(3\)](#)

[INT 1001 - Visual Literacy I \(3\)](#)

[MAT 1020 - College Algebra with Applications \(4\)](#) (MAT 1020 or higher)

History (Choose 9 Hours)

[ARH 2130 - Art from 1400 to the Present \(3\)](#)

[IND 2401 - History of Furniture Design \(3\)](#)

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[IND 2402 - Survey of Contemporary Design \(3\)](#)
[INT 2310 - History of Interior Design and Architecture II \(3\)](#)
Furniture Design Courses (41 Hours)

[IND 2120 - Materials and Processes I \(3\)](#)

[IND 2301 - Model Making \(3\)](#)

[IND 2311 - Human Factors in Design \(3\)](#)

[IND 2701 - Industrial Design Studio \(3\)](#)

[IND 2010 - CADD II: Free Modeling \(3\)](#)

[IND 3100 - Furniture I \(3\) \[WID\] \[WID\]](#)

[IND 3120 - Materials and Processes II \(3\)](#)

[IND 3200 - Furniture II \(3\)](#)

[IND 3010 - CADD III: Parametric Modeling \(3\)](#)

[IND 4100 - Furniture III \(4\)](#)

[IND 4110 - Furniture IV \(4\) \[CAP\]](#)

[IND 4811 - Professional Practice in Industrial Design \(3\)](#)

[IND 4900 - Internship \(3-12\)](#) (3 hours required)

Electives (18 Hours)

Choose from the following:

Additional courses available to satisfy this requirement in consultation with IND advisor.

[ART 1102 - Introduction to Graphic Design \(3\)](#)

[ART 2009 - Metalsmithing and Jewelry Design I: Fabrication \(3\)](#)

[ART 2016 - Introduction to Studio Art and Design \(3\)](#)

[IND 2116 - Ceramic Technology \(3\)](#)

[IND 2321 - Product Systems Design \(3\)](#)

[IND 2411 - Introduction to Design Studio \(3\)](#)

[IND 3004 - Welding \(3\)](#)

[IND 3500 - Independent Study \(1-5\)](#)

[IND 3530-3549 - Selected Topics \(1-6\)](#)

[IND 3301 - Rapid Prototyping \(3\)](#)

[IND 4557 - Design for Manufacture \(3\)](#)

International Studies and Foreign Language Courses

Free Electives (0-2 Hours)

Total Required (120 Hours)

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