

University Senate Minutes

February 7, 2023

3:45pm – 5:00pm, Eberly Auditorium

- Chairperson Piper called the February 7, 2023 meeting of the University Senate to order at 3:45pm
- Minutes from the November 29, 2022 meeting were **APPROVED**
- Agenda items for the February 7, 2023 meeting were **APPROVED**

Reports and Announcements

A. President's Report:

- Welcome back to the spring semester.
- First, on a personal note, our children, Katie and Greg, and I are so very appreciative of all of all the condolences, prayers, and support from you and your colleagues since Becky's death. They make a big positive difference as the four of us (including our dog Bert) adjust to our new reality. Thank you.
- Second, I hope that you will make time to participate in the many events and activities celebrating Black History Month. The weekly Social Equity and Title IX Digest has a list. I call your attention to tomorrow's presentation about the Black national anthem "Lift Every Voice and Sing," at 3:30pm in Jane Leonard Hall, Room 225. We will hear from Moses Phillips, Assistant Professor of Musing at Medgar Evers College. There will also be a performance of an incredible arrangement of this powerful and moving song. That's at the KCAC between the women's and men's basketball games around 7pm. The IUP Chorale and IUP Chorus will be joined by professor Phillips, and our own Dean Curt Scheib and myself for the performance.
- Yesterday was the official date for recording spring enrollment, which most of us, except Chair Piper, call the "Spring Freeze." The preliminary total headcount enrollment for spring, with data cleanup still proceeding, is 8,015 students.
- The first IUP town hall of spring semester is scheduled for Monday, February 20, during the common hour. I expect that I will provide updates on the exploration of the possible establishment of a School of Medicine at IUP, which was endorsed by the Council of Trustees at their December meeting, and on the proposal for a new student success infrastructure, which I received in early December.
- The State System Board of Governors is meeting in Harrisburg next week. On the afternoon of Wednesday, February 15, the board, presidents, and others will be in a workshop, with the public board meeting happening on Thursday morning. The full agenda for the public meeting is still under development, but I expect there will be updates on the board approved metrics and the status of the DEI review of system-level policies.
- Finally, it's just a bit early to know anything about Governor Shapiro's proposed budget for 2023-2024. As a new governor, he has until early March to release his proposal. Right now, his

budget address is scheduled for March 7 - the same day as our next University Senate meeting. I hope I'll be able to update you at that point.

B. Provost's Report:

Good afternoon, everyone. I have a few items to share with you today.

- Due to cost, we are transitioning from a campus-wide site license for SPSS toward purchase through PASSHE state contract. In order to support the transition, ACPAC developed a transition plan for 2023-24 to provide up to 75 licenses for faculty who need SPSS for teaching or research. ACPAC also recommended two alternate products - Jamovi and R. The Center for Teaching Excellence (CTE) and the Applied Research Lab (ARL) will provide opportunities for training new users of Jamovi and R. Announcements about those trainings are forthcoming. Jamovi will be part of the campus computer build and R is available upon request. Please work through your academic colleges to plan for this transition. We are in the beginning stages of implementing Curriculog. This is a sister product to Acalog that we use for the university's catalog. Curriculog will streamline the curriculum process. It will eliminate the need for rekeying minutes and will minimize the chance for errors. We will begin using Curriculog in the fall of 2023. I would like to acknowledge Edel Reilly and Michael Powell who have played a significant role in implementing Curriculog.
- I want to highlight some resources available through the Center for Teaching Excellence (CTE). First, IUP SPARKS. This newsletter contains valuable topics, with the most recent issue related to re-engaging students. Additionally, the CTE website provides information regarding several professional development opportunities available for faculty this spring.
- I have asked Dawn Smith-Sherwood to share some updates regarding Liberal Studies.

Dawn Smith-Sherwood's Report

- Around this time last year, Senate was asked to provide feedback on the white papers produced by five coordination councils. One of the councils produced a paper on core curriculum. Among the charges to this council were:
 - Redesigning IUPs educational core to enhance both the personal and professional growth of the students, with a stronger focus on diversity, equity, and inclusion.
 - Streamlining the undergraduate learning outcomes to promote meaningful assessment.
- At the end of the fall semester, Provost Luetkehans and I consulted with Senate Chair Piper and APSCUF President Frketich regarding the individuals appointed to a LS Workgroup. In keeping with the spirit of shared governance, any recommendations of the LS Workgroup would be taken to the Liberal Studies Committee (LSC) for recommendation to the UWUCC and eventually to APSCUF Rep Council or the Senate.
- The LSC continues to meet monthly to consider course proposals in the context of the current Liberal Studies curriculum. The LS Workgroup met for the first time this semester last Thursday. Consultant Dr. Paul Hanstedt joined the group. He is a recognized scholar in core curriculum

and will visit IUP on April 13 from 3:30 to 5:00 p.m. to present, "Creating Wicked Students: Re-thinking Higher Education in the Post-Pandemic World."

- The LS Workgroup will assist me in developing 2 to 4 draft models for the consideration of the university community in fall 2023. The goal is to have a reinvigorated LS curriculum in place by fall 2025.
- I welcome opportunities to meet with campus groups to discuss this initiative.

FOR INFORMATION:

The Provost has accepted the recommendations for curriculum actions endorsed by the IUP-APSCUF Representative Councils at their November 10, 2022, meetings as follows:

From the University-Wide Undergraduate Curriculum Committee:

- 1) New course
 - ARHI 103- How Design Changes the World
- 2) The following program revisions were forwarded to the Council of Trustees for final approval:
 - History and Social Studies Education/History, BA
 - Chemistry, BS (including Pre-medical, Pre-pharmacy, and Chemical Education) – also includes name change
 - Cultural Competencies Certificate

From the University-Wide Graduate Curriculum Committee:

- 1) New course
 - SPLP 615 – Evidence-Based Practice
- 2) The following new program was forwarded to the Council of Trustees for final approval:
 - Superintendent of School Letter of Eligibility Certificate

The Provost has accepted the recommendations for curriculum actions endorsed by the IUP-APSCUF Representative Councils at their December 8, 2022, meetings as follows:

From the University-Wide Undergraduate Curriculum Committee:

- 1) New course
 - SCI 115 – Physical Science Lab
- 2) The following program revisions will be forwarded to the Council of Trustees for final approval:
 - Anthropology/Archaeology, BA
 - Anthropology/Applied Anthropology, BA
 - Physics, BS
 - Safety, Health, and Environmental Applied Sciences, BS
 - Geography and Geographic Information Science (GIS), BA

- 3) The following programs are being placed in moratorium
 - Religious Studies, BA
 - Journalism and Public Relations, BA

From the University-Wide Graduate Curriculum Committee:

- 1) The following program revisions will be forwarded to the Council of Trustees for final approval:
 - Vocational Administrative Director Certificate, Post Baccalaureate
 - School Psychology, PhD

The Provost has accepted the recommendations for curriculum actions endorsed by the IUP-APSCUF Representative Council at their December 8, 2022, meeting as follows:

In response to the Senate recommendations from the November 29, 2022, meeting, I accept the following:

- 1) Undergraduate policy changes as follows:
 - Individual Course Withdrawal Policy
 - Undergraduate Research Integrity Policy

C. Chair's Report:

- Thank you to SGA for attending the Groundhog's Day activities in Punxsutawney.
- There are four meeting left before my term as Chair of University Senate ends. With that being said, it is important that people step up and run for open Senate leadership roles and committee vacancies.
- Congratulations to Amy Cook for successfully defending her dissertation today!

D. Vice Chairperson's Report:

Student Government Association

- Student Organization Assembly (SOA) had its first meeting of the semester on Jan 26 with a variety of student organizations in attendance including the IUP ambassadors, Laso, IUP Republicans, College Democrats, Haven among many others.
- There were two remaining positions on the SGA E-board that we filled up last week – Kaylee Becker George for Director of Internal Affairs and Summer MacPherson for Director of External Affairs.
- SGA is organizing "Chat with the Deans" once again this semester, however, they will be arranged separately under each college. We had received feedback that the most recent "Chat with the Deans" had some questions that were too specific. That's why we are now having the Dean and/or their A-dean speak to students from their college specifically so that we can bridge the conversation gap better.
- The dates will be announced in the next Senate meeting, please encourage your students to attend!

- SGA has created an activities committee within the organization to plan more programming for students so any of the bigger events from now on will be organized by that group.
- We are having a spring retreat with all of the members in SGA on Feb 25 – it will include a lot of planning for the following semester.
- Speaking of the following semester, the applications for the new e-board members will open on Feb 28.
- Finally, we have been able to add representatives from the Punxsutawney campus in our meetings. We had a student attend our last general meeting and they spoke about challenges with their classes and schedule that we wouldn't have heard about otherwise.

Graduate Student Assembly

- First general meeting for the semester was Wednesday, February 1st
- GSA has numerous events planned for the Spring 2023 semester we hope to engage more graduate students including those who are at our Pittsburgh East campus.
- SGA and GSA have both started including their respective peers into the conversations and that's really important to continue because all the different campuses contribute to make IUP what it is.
- Lastly, GSA e-board will be ending its term at the end of the semester and to prepare for the upcoming E-Board for the academic year 2023/2024, we have started to send a call out for applications for the 5 vacant positions with the hope that elections will commence the beginning of March 2023.

Standing Committee Reports

• Rules Committee (Interim Chair Decker)

- We did not receive any nominations for the vacant positions on UWCC and UWGCC; therefore, elections will not occur. The College of Education and Communications does not have a representative on the UWCC.
- Next meeting: February 14, 2023 @ 3:30pm in DAVIS 418

• University-Wide Undergraduate Curriculum Committee (Chair Sechrist)

- Next meeting: February 14, 2023 @ 3:45pm in JANE 103

FOR INFORMATION:

Items Approved at the October 13, 2022 APSCUF Representative Council Meeting

UWUCC Approved the following courses to be offered via Distance Education:

- **PHYS 451 - Electricity and Magnetism** **multi-modal, online/web-based**

1. Corrections from Spring Semester:

a. Department of Foreign Languages—Credit Hour Correction**Current Approved Program:** **Proposed Program:**

Spanish, BA Spanish, BA

Free Electives: ~~35-41~~ Free Electives: **1-41**

Rationale: This correction was suggested by PASSHE to make it clear that if the education certificate is pursued that is absorbed in the free electives credits rather than appearing that it requires more than 120 credits to complete.

b. Department of History—Program Revisions**History, BA and Social Studies Education/History, BA****Controlled Electives: 18**

- Any 6 HIST courses numbered 301-494 with at least one being a US History course and at least one being a non-US History course

Rationale: These programs were revised to include a specific list for Degree Works that identifies the US History, non-US History, and neither category courses.

2. Madia Department of Chemistry, Biochemistry, Physics and Engineering—Program Revision, Course Revision with Lab Hour Changes, and a Course Revision, Catalog Description Change, and a Course Title Change**a. Course Revision with Lab Hour Changes:****Current Catalog Description:****CHEM 332 - Organic Chemistry II****Class Hours: 3****Lab/Discussion: 4****Credits: 4****Prerequisite:** CHEM 231

Description: A continuation of Organic Chemistry I, with an introduction to spectroscopic techniques. Laboratory work emphasizes the synthesis of representative compounds.

Proposed Catalog Description:**CHEM 332 - Organic Chemistry II****Class Hours: 3****Lab/Discussion: 3****Credits: 4****Prerequisite:** CHEM 231

Description: A continuation of Organic Chemistry I, with an introduction to spectroscopic techniques. Laboratory work emphasizes the synthesis of representative compounds.

Rationale: The number of hours for the integrated lab is being reduced from four to three. It will be easier for students to schedule a 3 hour lab; it will be more convenient to schedule faculty with 3 hour lab sections; it will be easier to schedule labs in the morning; and it will free up some workload hours for faculty to teach other courses. Removing an hour of lab time will mean students will be expected to read, understand content, and learn how to manipulate materials and equipment without the aid of a pre-lab lecture. To assist students, this information has been provided in written and pictorial form in the laboratory manual as required pre-reading materials. Further, the laboratory exercises have been rewritten so that they are student-guided, including conceptual-understanding instructor-checkpoints and individual experiment sections that build upon each other. It should be noted that students will still learn the same identification, separation, and synthetic techniques.

Note: This change will start with the Spring 2023 semester.

b. Program Revision:

Current Program:

Chemistry, BS (including Pre-Medical, ~~Pre-Pharmacy,~~ and Chemical Education)

Liberal Studies: 44-46

As outlined in Liberal Studies Requirements section with the following specifications:

Mathematics: MATH 121- Calculus I for Natural and Social Sciences **Credits:** 4

or

MATH 125 - Calculus I/Physics, Chemistry, Mathematics **Credits:** 3

Natural Science:

PHYS 111 - Physics I Lecture **Credits:** 3

PHYS 121 - Physics I Lab **Credits:** 1

PHYS 112 - Physics II Lecture **Credits:** 3

PHYS 122 – Physics II Lab **Credits:** 1

or

PHYS 131 - Physics I-C Lecture **Credits:** 3

PHYS 141 - Physics I-C Lab **Credits:** 1

PHYS 132 - Physics II-C Lecture **Credits:** 3

PHYS 142 - Physics II-C Lab **Credits:** 1

Liberal Studies Elective: 3

MATH 122 - Calculus II for Natural and Social Sciences **Credits:** 4

or

MATH 126 - Calculus II/Physics, Chemistry, Mathematics **Credits:** 3

Major: 57-74 (1)

Required Core: 29

CHEM 111 - General Chemistry I **Credits:** 4

CHEM 112 - General Chemistry II **Credits:** 4

CHEM 231 - Organic Chemistry I **Credits:** 4

CHEM 290 - Chemistry Seminar I **Credits:** 1

Proposed Program:

Chemistry, BS (including Pre-Medical and Chemistry Education)

Liberal Studies: 44-46

As outlined in Liberal Studies Requirements with the following specifications:

Mathematics: MATH 121- Calculus I for Natural and Social Sciences **Credits:** 4

or

MATH 125 - Calculus I/Physics, Chemistry, Mathematics **Credits:** 3

Natural Science:

PHYS 111 - Physics I Lecture **Credits:** 3

PHYS 121 - Physics I Lab **Credits:** 1

PHYS 112 - Physics II Lecture **Credits:** 3

PHYS 122 – Physics II Lab **Credits:** 1

or

PHYS 131 - Physics I-C Lecture **Credits:** 3

PHYS 141 - Physics I-C Lab **Credits:** 1

PHYS 132 - Physics II-C Lecture **Credits:** 3

PHYS 142 - Physics II-C Lab **Credits:** 1

Liberal Studies Elective: 3

MATH 122 - Calculus II for Natural and Social Sciences **Credits:** 4

or

MATH 126 - Calculus II/Physics, Chemistry, Mathematics **Credits:** 3

Major: 57-74 (1)

Required Core: 29

CHEM 111 - General Chemistry I **Credits:** 4

CHEM 112 - General Chemistry II **Credits:** 4

CHEM 231 - Organic Chemistry I **Credits:** 4

CHEM 290 - Chemistry Seminar I **Credits:** 1

CHEM 314 - Inorganic Chemistry **Credits: 4**
 CHEM 325 - Analytical Chemistry I **Credits: 4**
 CHEM 332 - Organic Chemistry II **Credits: 4**
 CHEM 341 - Physical Chemistry I **Credits: 4**

Controlled Electives: 28-45 (2)

Select one of the following concentrations:

Traditional Chemistry Concentration: 30

(earns American Chemical Society certification):

BIOC 301 - Fundamentals of Biochemistry **Credits: 3**

CHEM 343 - Physical Chemistry Laboratory I **Credits: 1**

CHEM 390 - Chemistry Seminar II **Credits: 1**

CHEM 401 - Advanced Chemistry Lab **Credits: 4**

CHEM 498 - Problems in Chemistry **Credits: 2 (3)**

BIOL 201- Principles of Ecology and Evolution **Credits: 4**

or

BIOL 202 - Principles of Cell and Molecular Biology **Credits: 4**

Three additional CHEM or BIOC courses (other than 498) at the 400-level, **credits: (3)**

6cr from the following, including 3cr from MATH:

COSC 110 - Problem Solving and Structured Programming

Credits: 3

GEOS 200 - Foundations of Geology **Credits: 4**

MATH 171 - Introduction to Linear Algebra **Credits: 3**

MATH 216 - Probability and Statistics for Natural Sciences

Credits: 3

MATH 225 - Calculus III/Physics, Chemistry, Mathematics

Credits: 3

MATH 341 - Differential Equations **Credits: 3**

MATH 342 - Advanced Mathematics for Applications

Credits: 4

MATH 343 - Introduction to Numerical Methods **Credits: 3**

additional BIOL course at the 200-level or above

or

additional CHEM course at 400-level

CHEM 314 - Inorganic Chemistry **Credits: 4**
 CHEM 325 - Analytical Chemistry I **Credits: 4**
 CHEM 332 - Organic Chemistry II **Credits: 4**
 CHEM 341 - Physical Chemistry I **Credits: 4**

Controlled Electives: 28-45 (2)

Select one of the following concentrations:

Traditional Chemistry Concentration (30 credits, earns

American Chemical Society certification):

BIOC 301 - Fundamentals of Biochemistry **Credits: 3**

CHEM 343 - Physical Chemistry Laboratory I **Credits: 1**

CHEM 390 - Chemistry Seminar II **Credits: 1**

CHEM 401 - Advanced Chemistry Lab **Credits: 4**

CHEM 498 - Problems in Chemistry **Credits: 2 (3)**

BIOL 201- Principles of Ecology and Evolution **Credits: 4**

or

BIOL 202 - Principles of Cell and Molecular Biology **Credits: 4**

Three additional CHEM or BIOC courses (other than 498) at the 400-level, **credits: (3)**

6cr from the following, including 3cr from MATH:

COSC 110 - Problem Solving and Structured Programming

Credits: 3

GEOS 200 - Foundations of Geology **Credits: 4**

MATH 171 - Introduction to Linear Algebra **Credits: 3**

MATH 216 - Probability and Statistics for Natural Sciences

Credits: 3

MATH 225 - Calculus III/Physics, Chemistry, Mathematics

Credits: 3

MATH 341 - Differential Equations **Credits: 3**

MATH 342 - Advanced Mathematics for Applications

Credits: 4

MATH 343 - Introduction to Numerical Methods **Credits: 3**

additional BIOL course at the 200-level or above

or

additional CHEM course at 400-level

*Applied Chemistry Concentration: 28-35*BIOC 301 - Foundations of Biochemistry **Credits: 3**

or

CHEM 351 - Biochemistry **Credits: 4**CHEM 343 - Physical Chemistry Laboratory I **Credits: 1**CHEM 390 - Chemistry Seminar II **Credits: 1**CHEM 401 - Advanced Chemistry Lab **Credits: 4**BIOL 201 - Principles of Ecology and Evolution **Credits: 4**

BIOL 202 - Principles of Cell and Molecular Biology

Credits: 4

3 additional credits of CHEM or BIOC courses at the 400-level

A minor or customized program in a complimentary field (4), possibilities include Art, Business, HR, Economics, Food and Nutrition, Marketing, Pre-Law, Political Science, Sustainability, Leadership Studies, Biology, Computer Science, Geoscience, Math, Physics (12-18cr)

*Pre-Medical Concentration: 31 (omitting LS)***Liberal Studies:****Philosophy or Religious Studies:**PHIL 122 - Contemporary Moral Issues **Credits: 3**

or

PHIL130 - Introduction to Biomedical Ethics **Credits: 3****Social Science:**PSYC 101 - General Psychology **Credits: 3**SOC 151 - Principles of Sociology **Credits: 3**

or

SOC 161 - Foundations of Sociology: Social Relations in Groups and Organizations **Credits: 3**

or

ANTH 110 - Contemporary Anthropology **Credits: 3**

or

ANTH 211 - Cultural Anthropology **Credits: 3**CHEM 390 - Chemistry Seminar II **Credits: 1**

or

BIOC 480- Biochemistry Seminar II **Credits: 1**CHEM 498 - Problems in Chemistry **Credits: 1-2**

BIOL 202 - Principles of Cell and Molecular Biology

Credits: 4

BIOL 203 - Principles of Genetics and Development

Credits: 4

MATH 216 - Probability and Statistics for Natural Sciences

Credits: 3

One of the following (6 credits)

BIOC 301 – Foundations of Biochemistry **Credits: 3**BIOC 402 - Advanced Biochemistry **Credits: 3**

or

CHEM 351 - Biochemistry **Credits: 4**BIOC 311 - Biochemistry Laboratory I **Credits: 2****11 credits from the following:**BIOL 150 - Human Anatomy **Credits: 4**BIOL 240 - Human Physiology **Credits: 4**BIOL 241 - Introductory Medical Microbiology **Credits: 4**

or

*Applied Chemistry Concentration: 28-35*BIOC 301 - Foundations of Biochemistry **Credits: 3**

or

CHEM 351 - Biochemistry **Credits: 4**CHEM 343 - Physical Chemistry Laboratory I **Credits: 1**CHEM 390 - Chemistry Seminar II **Credits: 1**CHEM 401 - Advanced Chemistry Lab **Credits: 4**BIOL 201 - Principles of Ecology and Evolution **Credits: 4**

BIOL 202 - Principles of Cell and Molecular Biology

Credits: 4

3 additional credits of CHEM or BIOC courses at the 400-level

A minor or customized program in a complimentary field (4), possibilities include Art, Business, HR, Economics, Food and Nutrition, Marketing, Pre-Law, Political Science, Sustainability, Leadership Studies, Biology, Computer Science, Geoscience, Math, Physics (12-18cr)

*Pre-Medical Concentration: 31 (omitting LS)***Liberal Studies:****Philosophy or Religious Studies:**PHIL 122 - Contemporary Moral Issues **Credits: 3**

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or

SOC 161 - Foundations of Sociology: Social Relations in Groups and Organizations **Credits: 3**

or

ANTH 110 - Contemporary Anthropology **Credits: 3**

or

ANTH 211 - Cultural Anthropology **Credits: 3**CHEM 390 - Chemistry Seminar II **Credits: 1**

or

BIOC 480- Biochemistry Seminar II **Credits: 1**CHEM 498 - Problems in Chemistry **Credits: 1-2**

BIOL 202 - Principles of Cell and Molecular Biology

Credits: 4

BIOL 203 - Principles of Genetics and Development

Credits: 4

MATH 216 - Probability and Statistics for Natural Sciences

Credits: 3

One of the following (6 credits)

BIOC 301 – Foundations of Biochemistry **Credits: 3**BIOC 402 - Advanced Biochemistry **Credits: 3**

or

CHEM 351 - Biochemistry **Credits: 4**BIOC 311 - Biochemistry Laboratory I **Credits: 2****11 credits from the following:**BIOL 150 - Human Anatomy **Credits: 4**BIOL 240 - Human Physiology **Credits: 4**BIOL 241 - Introductory Medical Microbiology **Credits: 4**

or

Any additional BIOC, BIOL or CHEM courses at the 300-level or above

~~*Pre-Pharmacy Concentration: 29-31 (omitting LS) (5)*~~

~~Liberal Studies:~~

~~Philosophy or Religious Studies:~~

~~PHIL 122—Contemporary Moral Issues Credits: 3~~

~~or~~

~~PHIL 130—Introduction to Biomedical Ethics Credits: 3~~

~~or~~

~~RLST 120—Comparative Religious Ethics Credits: 3~~

~~Social Science:~~

~~PSYC 101—General Psychology Credits: 3~~

~~ECON 101—Basic Economics Credits: 3~~

~~or~~

~~ECON 121—Principles of Macroeconomics Credits: 3~~

~~CHEM 390—Chemistry Seminar II Credits: 1~~

~~or~~

~~BIOC 480—Biochemistry Seminar II Credits: 1~~

~~MATH 216—Probability and Statistics for Natural Sciences Credits: 3~~

~~BIOL 150—Human Anatomy Credits: 4~~

~~or~~

~~BIOL 402—Advanced Human Anatomy Credits: 4~~

~~BIOL 202—Principles of Cell and Molecular Biology Credits: 4~~

~~BIOL 203—Principles of Genetics and Development Credits: 4~~

~~BIOL 240—Human Physiology Credits: 4~~

~~or~~

~~BIOL 409—Pharmacology Principles and Applications Credits: 3~~

~~BIOL 241—Introductory Medical Microbiology Credits: 4~~

~~BCOM 321—Business and Interpersonal Communications Credits: 3~~

~~or~~

~~ENGL 310—Public Speaking Credits: 3~~

Any additional BIOC, BIOL or CHEM courses at the 300-level or above

Chemistry Education Concentration: 44-45
(earns Secondary Science Education Certificate)

CHEM 343 - Physical Chemistry Laboratory I Credits: 1

CHEM 390 - Chemistry Seminar II Credits: 1

BIOC 301 - Foundations of Biochemistry Credits: 3

or

CHEM 351 - Biochemistry Credits: 4

BIOL 201 - Principles of Ecology and Evolution Credits: 4

or

BIOL 202 - Principles of Cell and Molecular Biology Credits: 4

GEOS 200 - Foundations of Geology Credits: 4

Free Electives: 0-18

Total Degree Requirements: 120

(1) Students are required to complete the DUCK exam during their last semester at IUP.

(2) Any concentration can qualify for the Chemistry Honors Certificate.

(3) [CHEM 493](#) Internship in Chemistry may be used to satisfy 3cr of controlled elective or 2cr of [CHEM 498](#).

(4) Students may wish to design a customized complimentary field program. Many combinations of the applied chemistry B.S. curriculum with complementary courses are possible. A customized program must contain a minimum of 15 credits. Also, any customized program must be approved by the student's advisor and the department chair.

(5) See requirements leading to teacher certification, titled "3-Step Process for Teacher Education." In the [College of Education and Communications](#) section of this catalog.

Chemistry Education Concentration: 44-45
(earns Secondary Science Education Certificate)

CHEM 343 - Physical Chemistry Laboratory I **Credits:** 1

CHEM 390 - Chemistry Seminar II **Credits:** 1

BIOC 301 - Foundations of Biochemistry **Credits:** 3

or

CHEM 351 - Biochemistry **Credits:** 4

BIOL 201 - Principles of Ecology and Evolution **Credits:** 4

or

BIOL 202 - Principles of Cell and Molecular Biology

Credits: 4

GEOS 200 - Foundations of Geology **Credits:** 4

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(1) Students are required to complete the DUCK exam during their last semester at IUP.

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(4) Students may wish to design a customized complimentary field program. Many combinations of the applied chemistry B.S. curriculum with complementary courses are possible. A customized program must contain a minimum of 15 credits. Also, any customized program must be approved by the student's advisor and the department chair.

~~(5) Students enrolled at an accredited School of Pharmacy after three years at IUP may count the following toward the requirements for the Bachelor of Science—Chemistry/Pre-Pharmacy Track: 3cr of LS social science; 12cr of required CHEM courses (see below); 15cr of free electives (total 30cr). Upon completing the first year of Pharmacy School, students electing this option are not required to take [CHEM 314](#), [CHEM 325](#) and [CHEM 341](#). If these CHEM courses are taken, they may be counted toward the controlled elective requirement.~~

(6) See requirements leading to teacher certification, titled "3-Step Process for Teacher Education." In the [College of Education and Communications](#) section of this catalog.

Rationale: IUP has approved a separate track for the Chemistry/pre-pharmacy program, so the pre-pharmacy concentration of the Chemistry BS is redundant. Currently in the catalog the name Chemical Education is used; will go back to Chemistry Education because that is the name of the certificate.

c. Course Revision, Catalog Description Change, and Course Title Change:

Current Course Title and Catalog Description:

PHYS 151 - Medical Physics Lecture**Class Hours:** 3**Lab/Discussion:** 0**Credits:** 3**Prerequisite:** None**Description:** Development of concepts and principles of physics with a strong emphasis as to their use and application in medical and other biophysical areas.**Proposed Course Title and Catalog Description:****PHYS 151 - Physics for Life Sciences****Class Hours:** 3**Lab/Discussion:** 0**Credits:** 3**Prerequisite:** None**Description:** Development of concepts and principles of physics with a strong emphasis on their use and application in the life sciences and other biophysical areas.**Rationale:** This is an introductory course in physics for students in exercise science as well as biology education students. We are changing the name of this course from Medical Physics to Physics for Life Sciences. The new name better fits the course content and better relates to the objective of the course.**3. Department of Theatre, Dance and Performance—Credit Hour Change****THTR 486 - Practicum in Production, Performance, Dramaturgy, or Applied Theater****Rationale:** Before the department's recent title change the course was indefinitely repeatable for credit. When the title change was published the Registrar's office added a limit of 8 repeats based on prior catalog descriptions indicating that we expected students to enroll every semester. The problem to be solved is that sometimes students may enroll in multiple sections in the same semester. This happens because each assignment during a semester is tied to a unique faculty member and section number - for example a costume assignment with Pipkin-Hutchinson, and an acting assignment with Kemp. This often results in many more than eight repeats being necessary.

It is being changed to a maximum number of times the course may be taken for credit: 20 and Total number of credits the course may be taken for: 16.

4. Department of Art and Design—New Course**ARHI 103 - How Design Changes the World****Class Hours:** 3**Lab/Discussion:** 0**Credits:** 3

Explores the impact of design on the modern world with an emphasis on the design process as a method for solving a variety of functional, aesthetic, and societal problems.

Rationale: ARHI 103 How Design Changes the World is being proposed primarily as a Fine Arts Liberal Studies Requirement that will: 1) Provide additional opportunity for students to fulfill their Liberal Studies Fine Arts Requirement, 2) Reflect the growing presence of design and design-related studies in the University, 3) Broaden student understanding of the impact of design and Design-Thinking on our experience of the world.

5. Department of Professional Studies in Education—Catalog Description Change

Current Catalog Description:

ECED 250 - Language Development

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Restriction: Early childhood education/special education major or early childhood education major

Description: Acquaints students with the process of children's language acquisition and development through expressive skills and language comprehension. Observation, documentation, and assessment of language development across the areas of listening, speaking, writing, drawing, and reading are explored from both a theoretical and practical perspective.

Proposed Catalog Description:

ECED 250 - Language Development

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Restriction: Early childhood education/special education major or early childhood education major or speech-language pathology major

Description: Acquaints students with the process of children's language acquisition and development through expressive skills and language comprehension. Observation, documentation, and assessment of language development across the areas of listening, speaking, writing, drawing, and reading are explored from both a theoretical and practical perspective.

Rationale: The current restrictions are just ECSP and ECED students, but we need to add SPLP students too. The speech-language program has a Language Development course, however, we have been combining and teaching together in this course. An interdisciplinary course has benefits for SPLP and ECED students to share experiences and perspectives in collaborative projects.

6. Department of Geography, Geology, Environment, and Planning—Course Title Change and Catalog Description Change, and Modification of Prerequisites

a. Course Title and Catalog Description Change:

Current Catalog Description:

GEOG 230 - Cultural Geography

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: None

Description: Introduces cultural geography, including folk and popular culture, religion, language, ethnicity and race, population, agriculture, urban and political geography, human relationships with the natural environment, culture regions, cultural diffusion, cultural interaction, globalization, and cultural landscapes.

Proposed Catalog Description:

GEOG 230 - Human Geography

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: None

Description: Introduces human geography, including maps, population, ethnicity and race, agriculture, resources and the environment, economic organization of space, language, religion, political geography, and urban geography. Covers themes of human relationships with the natural environment, culture regions, spatial diffusion, globalization, and cultural landscapes.

Rationale: There is only a slight difference between the names Human Geography and Cultural Geography, with Human Geography being the broader name. Increasingly in the discipline, the name Human Geography is being used instead of Cultural Geography. Human Geography includes more emphasis on topics like the economic organization of space and spatial aspects of industrial development versus topics like folk and popular culture. The department has decided that now is the time to change the name of the class.

b. Catalog Description Change and Modification of Prerequisite:

Current Catalog Descriptions:

GEOG 498 Research Seminar

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: [GEOG 411](#)

Description: This senior seminar and workshop constitute a capstone course that focuses on recent research in the major field. Students carry out an applied research project on a topic of local or regional importance. (Also offered as [RGPL 498](#); may not be taken for duplicate credit.)

RGPL 498 - Community Planning Practicum

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: [RGPL 352](#)

Description: This senior seminar and workshop constitute a capstone course that focuses on recent research in the major field. Students carry out an applied research project on a topic of local or regional importance. (Also offered as [GEOG 498](#); may not be taken for duplicate credit.)

Proposed Catalog Descriptions:**GEOG 498 - Research Seminar****Class Hours:** 3**Lab/Discussion:** 0**Credits:** 3**Prerequisite:** [GEOS 470](#)**Description:** Focuses on recent research in the major field in a senior seminar and workshop capstone. Develops a research project on a topic of local or regional importance. (Also offered as [RGPL 498](#); may not be taken for duplicate credit.)**RGPL 498 - Community Planning Practicum****Class Hours:** 3**Lab/Discussion:** 0**Credits:** 3**Prerequisite:** [RGPL 352](#)**Description:** Focuses on recent research in the major field in a senior seminar and workshop capstone. Develops a research project on a topic of local or regional importance. (Also offered as [GEOG 498](#); may not be taken for duplicate credit.)**Rationale:** The current prerequisite of GEOG 498 is being deleted from the program after this academic year. In its place GEOS 470 Research Planning is being substituted. Additionally, the catalog description of the course is being slightly modified to reflect current catalog editing style. The catalog description will also be modified for the cross listed RGPL 498 Community Planning Practicum, which has a different prerequisite, that remains the same.**c. Modification of Prerequisites:****Current Course Titles and Prerequisites:****GEOG 462 - Planning Policy, Implementation, and Administration****Class Hours:** 3**Lab/Discussion:** 0**Credits:** 3**Prerequisite:** [RGPL 350](#)**RGPL 462 - Planning Policy, Implementation, and Administration****Class Hours:** 3**Lab/Discussion:** 0**Credits:** 3**Prerequisite:** [RGPL 350](#)**Proposed Course Titles and Prerequisites:****GEOG 462 - Planning Policy, Implementation, and Administration**

Class Hours: 3
Lab/Discussion: 0
Credits: 3
Prerequisite: [RGPL 352](#)

RGPL 462 - Planning Policy, Implementation, and Administration

Class Hours: 3
Lab/Discussion: 0
Credits: 3

Prerequisite: [RGPL 352](#)

Rationale: The prerequisite for this crosslisted and dual listed course is being changed to RGPL 352 Planning Methods. Previously the focus of Planning Policy, Implementation, and Administration had been on implementation of plans. At the last accreditor's visit, they suggested that the emphasis be on plan making thus the shift in the prerequisite. This change will facilitate the application of demographic and economic analyses data generated in 352 to be used to develop an economic development plan in 462 making it the more appropriate prerequisite for the course.

7. Department of Anthropology—Program Revision and Modification of Prerequisites

a. Program Revision:

Current Program:

Cultural Competencies Certificate

Required Courses: 3

ANTH 110 - Contemporary Anthropology **Credits:** 3
 or
 ANTH 211 - Cultural Anthropology **Credits:** 3

Cultural Area Course: 3

ANTH 271 - Cultural Area Studies: Africa **Credits:** 3
 ANTH 272 - Culture Area: China **Credits:** 3
 ANTH 273 - Cultural Area Studies: Southeast Asia **Credits:** 3
 ANTH 274 - Cultural Area Studies: Latin America **Credits:** 3
 ANTH 314 - Contemporary Native American Cultures **Credits:** 3
 ANTH 370 - Latinos and Diasporas **Credits:** 3

Elective Courses: 6

ANTH 213 - World Archaeology **Credits:** 3
 ANTH 240 - Introduction to Global Health **Credits:** 3
 ANTH 316 - Anthropology of Religion **Credits:** 3
 ANTH 350 - Anthropology of Gender **Credits:** 3
 ANTH 352 - The Anthropology of Human Rights **Credits:** 3
 ANTH 420 - Environmental Anthropology **Credits:** 3
 ANTH 444 - Medical Anthropology **Credits:** 3
 ANTH 450 - Health Disparities **Credits:** 3
 or
 SOC 450 - Health Disparities **Credits:** 3
 ASIA 200 - Introduction to Asian Studies **Credits:** 3
 BCOM 342 - Intercultural Business Communication **Credits:** 3

Proposed Program:

Cultural Competencies Certificate

Required Courses: 3

ANTH 110 - Contemporary Anthropology **Credits:** 3
 or
 ANTH 211 - Cultural Anthropology **Credits:** 3

Cultural Area Course: 3

ANTH 271 - Cultural Area Studies: Africa **Credits:** 3
 ANTH 272 - Culture Area: China **Credits:** 3
 ANTH 273 - Cultural Area Studies: Southeast Asia **Credits:** 3
 ANTH 274 - Cultural Area Studies: Latin America **Credits:** 3
 ANTH 314 - Contemporary Native American Cultures **Credits:** 3
 ANTH 370 - Latinos and Diasporas **Credits:** 3

Elective Courses: 6

ANTH 213 - World Archaeology **Credits:** 3
 ANTH 240 - Introduction to Global Health **Credits:** 3
 ANTH 316 - Anthropology of Religion **Credits:** 3
 ANTH 350 - Anthropology of Gender **Credits:** 3
 ANTH 352 - The Anthropology of Human Rights **Credits:** 3
 ANTH 420 - Environmental Anthropology **Credits:** 3
 ANTH 444 - Medical Anthropology **Credits:** 3
 ANTH 450 - Health Disparities **Credits:** 3
 or
 SOC 450 - Health Disparities **Credits:** 3
 ASIA 200 - Introduction to Asian Studies **Credits:** 3
 BCOM 342 - Intercultural Business Communication **Credits:** 3

- COMM 230 - Global Media and Communication **Credits: 3**
 CRIM 410 - Race, Ethnicity, Social Structure, and Crime **Credits: 3**
~~CRIM 470 - Comparative Study of Justice Credits: 3~~
 ECED 117 - Family, Community, and School Relationships in a Diverse Society **Credits: 3**
 ECON 338 - Poverty in Africa **Credits: 3**
~~EDUC 499 - Multicultural/Multiethnic Education Credits: 2~~
 ENGL 336 - Language, Gender, and Society **Credits: 3**
 ENGL 344 - Ethnic American Literature **Credits: 3**
 ENGL 348 - African American Literature **Credits: 3**
 ENGL 350 - Gender and Sexual Orientation in Literature, Theory, and Film **Credits: 3**
 FDED 440 - Orientation to Teaching in Urban Centers **Credits: 2**
 FDNT 370 - Human Food Consumption Patterns **Credits: 3**
 GEOG 104 - World Geography: Global Context **Credits: 3**
 GEOG 230 - **Cultural** Geography **Credits: 3**
 HIST 331 - Modern Middle East **Credits: 3**
 HIST 338 - The History of Iran **Credits: 3**
 HIST 365 - History of Black America since Emancipation **Credits: 3**
 HIST 369 - Women in America **Credits: 3**
 HIST 434 - Modern China 1800-present **Credits: 3**
 HIST 437 - Modern Japan 1850-Present **Credits: 3**
 HOSP 245 - Multicultural Management in Hospitality **Credits: 3**
 HOSP 382 - International Tourism **Credits: 3**
~~JRNL 375 - World News Coverage Credits: 3~~
~~LAS 481 - Special Topics in Latin American Studies Credits: 1-3~~
~~LAS 350 - The Mayas: Culture, Literature, and Numbers Credits: 3~~
~~LAS 480 - Latin American Studies Seminar Credits: 3~~
 LGBT 200 - Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies **Credits: 3**
 LGBT 400 - Queer Theory **Credits: 3**
 MGMT 350 - International Business **Credits: 3**
 or
 MKTG 350 - International Business **Credits: 3**
 MKTG 430 - International Marketing **Credits: 3**
 NURS 410 - Health Promotion and Social Issues **Credits: 3**
 PNAF 131 - Introduction to Pan-African Studies **Credits: 3**
 RLST 110 - World Religions **Credits: 3**
 RLST 245 - Women and Religion **Credits: 3**
 RLST 360 - African Religions **Credits: 3**
 RLST 365 - Native North American Religions **Credits: 3**
 RLST 370 - Religions: China and Japan **Credits: 3**
 RLST 374 - Buddhism **Credits: 3**
 RLST 375 - Religions of India **Credits: 3**
 RLST 378 - Hinduism **Credits: 3**
 RLST 380 - Islam **Credits: 3**
 RLST 385 - Christianity **Credits: 3**
 RLST 402 - Topics in Asian Religions **Credits: 3**
 RLST 403 - Topics in Indigenous Religions **Credits: 3**
 SOC 314 - Sociology of Native Americans **Credits: 3**
 SOC 361 - Social Stratification **Credits: 3**
 SOC 362 - Racial and Ethnic Minorities **Credits: 3**
 SOC 363 - Sociology of Gender **Credits: 3**
 SOC 417 - Global Service Learning **Credits: 3**
 SOC 452 - Disability and Society **Credits: 3**
 SPAN 244 - Modern Mexico **Credits: 3**
 COMM 230 - Global Media and Communication **Credits: 3**
 CRIM 410 - Race, Ethnicity, Social Structure, and Crime **Credits: 3**
 CRIM 450 - Women and Crime **Credits: 3**
 ECED 117 - Family, Community, and School Relationships in a Diverse Society **Credits: 3**
 ECON 338 - Poverty in Africa **Credits: 3**
 ECON 345 - International Trade **Credits: 3**
 ECON 346 - International Finance **Credits: 3**
 ECON 362 - Global Poverty and Health **Credits: 3**
 ENGL 336 - Language, Gender, and Society **Credits: 3**
 ENGL 344 - Ethnic American Literature **Credits: 3**
 ENGL 348 - African American Literature **Credits: 3**
 ENGL 350 - Gender and Sexual Orientation in Literature, Theory, and Film **Credits: 3**
 FDED 440 - Orientation to Teaching in Urban Centers **Credits: 2**
 FDNT 370 - Human Food Consumption Patterns **Credits: 3**
 GEOG 104 - World Geography: Global Context **Credits: 3**
 GEOG 230 - **Human** Geography **Credits: 3**
 HIST 331 - Modern Middle East **Credits: 3**
 HIST 338 - The History of Iran **Credits: 3**
 HIST 365 - History of Black America since Emancipation **Credits: 3**
 HIST 369 - Women in America **Credits: 3**
 HIST 434 - Modern China 1800-present **Credits: 3**
 HIST 437 - Modern Japan 1850-Present **Credits: 3**
 HOSP 245 - Multicultural Management in Hospitality **Credits: 3**
 HOSP 382 - International Tourism **Credits: 3**
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 or
 MKTG 350 - International Business **Credits: 3**
 MKTG 430 - International Marketing **Credits: 3**
 NURS 410 - Health Promotion and Social Issues **Credits: 3**
 PNAF 131 - Introduction to Pan-African Studies **Credits: 3**
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 RLST 370 - Religions: China and Japan **Credits: 3**
 RLST 374 - Buddhism **Credits: 3**
 RLST 375 - Religions of India **Credits: 3**
 RLST 378 - Hinduism **Credits: 3**
 RLST 380 - Islam **Credits: 3**
 RLST 385 - Christianity **Credits: 3**
 RLST 402 - Topics in Asian Religions **Credits: 3**
 RLST 403 - Topics in Indigenous Religions **Credits: 3**
 SOC 314 - Sociology of Native Americans **Credits: 3**
 SOC 361 - Social Stratification **Credits: 3**
 SOC 362 - Racial and Ethnic Minorities **Credits: 3**
 SOC 363 - Sociology of Gender **Credits: 3**
 SOC 417 - Global Service Learning **Credits: 3**
 SOC 452 - Disability and Society **Credits: 3**
 SPAN 244 - Modern Mexico **Credits: 3**
 SPAN 342 - Spanish Cultures from the 19th Century to the Present **Credits: 3**

SPAN 342 - Spanish Cultures from the 19th Century to the Present **Credits: 3**
 SPAN 344 - Spanish-American Cultures from the 19th Century to the Present **Credits: 3**
 THTR 361 - Performance of Caring **Credits: 3**
 THTR 362 - Performance for Social Change **Credits: 3**
 WGS 200 - Introduction to Women's and Gender Studies **Credits: 3**
 WGS 301 - Asian American and Asian Diasporic Women's Literature **Credits: 3**
 WGS 400 - Feminist Theories **Credits: 3**

Total Certificate Requirements: 12

SPAN 344 - Spanish-American Cultures from the 19th Century to the Present **Credits: 3**
 THTR 361 - Performance of Caring **Credits: 3**
 THTR 362 - Performance for Social Change **Credits: 3**
 WGS 200 - Introduction to Women's and Gender Studies **Credits: 3**
 WGS 301 - Asian American and Asian Diasporic Women's Literature **Credits: 3**
 WGS 400 - Feminist Theories **Credits: 3**
Total Certificate Requirements: 12

Rationale: Adding and removing courses to reflect current curriculum. Changes made at request of departments offering the courses.

b. Modification of Course Prerequisites:

i. Current Course Title and Prerequisites:

ANTH 315 - North American Archaeology

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: [ANTH 110](#) or [ANTH 244](#) or instructor permission

Proposed Course Title and Prerequisites:

ANTH 315 - North American Archaeology

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: None

ii. Current Course Title and Prerequisites:

ANTH 318 - Museum Methods

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: [ANTH 110](#) or [ANTH 211](#) or [ANTH 244](#)

Proposed Course Title and Prerequisites:

ANTH 318 - Museum Methods

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: None

iii. Current Course Title and Prerequisites:

ANTH 325 - Archaeological Lab Methods

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: [ANTH 244](#)

Proposed Course Title and Prerequisites:

ANTH 325 - Archaeological Lab Methods

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: None

Rationale: Removing prerequisites for ANTH 315, 318, and 325 to streamline the Anthropology curriculum and to allow students to complete the program with less structural difficulty. Make prerequisites conform to how the course is taught.

iv. Modifying Prerequisites:

Current Course Title and Prerequisite(s):

ANTH 458 - Ethnographic Research Methods

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: 9cr in ANTH

Proposed Course Title and Prerequisite(s):

ANTH 458 - Ethnographic Research Methods

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: [ANTH 211](#) or instructor permission

Rationale: Changing prerequisite from 9cr ANTH to ANTH 211 or instructor permission. Streamline the Anthropology curriculum to allow students to complete the program with less structural difficulty. Make prerequisites conform to how the course is taught.

v. Modifying Prerequisites:

Current Course Title and Prerequisites:

ANTH 460 - Ethnographic Field School

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: [ANTH 456](#)

Proposed Course Title and Prerequisites:

ANTH 460 - Ethnographic Field School

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: [ANTH 211](#) or instructor permission

Rationale: Changing prerequisite from ANTH 456 to ANTH 211 or instructor permission. Streamline the Anthropology curriculum to allow students to complete the program with less structural difficulty. Make prerequisites conform to how the course is taught.

vi. Modifying Prerequisites:

Current Course Title and Prerequisites:

ANTH 470 - Environmental Archaeology

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: [ANTH 244](#) or [GEOS 202](#)

Proposed Course Title and Prerequisites:

ANTH 470 - Environmental Archaeology

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: None

vii. Modifying Prerequisites:

Current Course Title and Prerequisites:

ANTH 490 - Applied Spatial Methods in Archaeology

Class Hours: 3

Lab/Discussion: 0

Credits: 3

Prerequisite: [ANTH 244](#) or instructor permission

Proposed Course Title and Prerequisites:

ANTH 490 - Applied Spatial Methods in Archaeology

Class Hours: 3
Lab/Discussion: 0
Credits: 3
Prerequisite: None

Rationale: Removing prerequisites for ANTH 470 and 490. Streamline the Anthropology curriculum to allow students to complete the program with less structural difficulty. Make prerequisites conform to how the course is taught.

7. UWUCC and the Liberal Studies Committee approved:

- **PHYS 151 - Physics for Life Sciences as a Natural Science Non-lab course.**
- **ARHI 103 - How Design Changes the World as a Fine Arts course.**

FOR INFORMATION:

Items Approved at the November 10, 2022 APSCUF Representative Council Meeting

UWUCC Approved the following courses to be offered via Distance Education:

SCI 115 - Physical Science Lab multi-modal, online/web-based

1. Corrections:

- a. At the September 8th Representative Council meeting I orally withdrew the program revision for the Nutrition/Dietetics Track, BS at the request of the department chair who contacted me on the morning of September 8th. The minutes of that meeting were not clear that the proposal had been withdrawn.
- b. At the October 13th Representative Council meeting the number for ANTH 458 - Ethnographic Research Methods was misnumbered as 456.

2. Department of Finance and Economics—Dual Listing

ECON 456 plus ECON 556 Advanced Econometrics

Rationale: The material in ECON 456 and ECON 556 is comparable and can be covered in a joint fashion for both undergraduate and graduate students.

3. Department of Communications Media—Dual Listing and Catalog Description Change

COMM 449 - Advanced Audio Recording Techniques plus COMM 549 - Basic Audio Recording

Rationale: One key assignment is the development of an audio-only advertising campaign. While undergraduate students will have the technical audio skills, the graduate students in the course bring the substantive knowledge on messaging and wording from a client's perspective, as well as a broader sense of how words, sound effects, and music can be brought together more completely to meet client needs. For the undergraduate students, learning to work with the client perspective on a daily basis will be a valuable contribution to their learning.

As most graduate students taking the course are expected to be from the Strategic Communication program, understanding how to handle live sound for conferences and workshops, as well as how to speak effectively on microphones, will be a valuable professional skill for them.

Podcasts are increasingly common and effective tools for organizations to connect with clients, customers, and other stakeholders. Having the technical skills to produce quality audio, as well as the skills to create enhanced and more engaging audio, will be a significant advantage for the graduate students. A grammatical inconsistency in the undergraduate catalog description was additionally corrected.

4. Department of Anthropology—Program Revisions

a. [Anthropology/Archaeology, BA](#)

Rationale: Program is being revised because Anthropology is a Writing Across the Curriculum department and no longer needs to require ENGL 202. Other revisions include making ANTH 315 - North American Archaeology a required course and removing the Archaeology Area Course requirement.

b. [Anthropology/Applied Anthropology, BA](#)

Rationale: Program is being revised because Anthropology is a Writing Across the Curriculum department and no longer needs to require ENGL 202. An edit to Major credits was made to accurately reflect required credits.

5. Department of Art and Design—Course Revision, Catalog Description Change, and Course Title Change (was 3D Design)

[ART 113 - 3D Design and Digital Fabrication](#)

Rationale: The proposed name change for ART 113 - 3D Design and Digital Fabrication more accurately reflects the curriculum currently being taught and links the coursework to 21st century career relevant skills. The Fine Arts liberal studies designation is being requested to expand student choice by providing a new curriculum offering that connects digital fabrication skill acquisition with civic engagement and collaboration.

6. Department of Management—Modification of Prerequisite

[MGMT 434 - Industrial Quality: Statistical Tools and Management](#)

Rationale: Only the prerequisite is being modified. We are expanding the choice of statistics classes to serve as the prerequisite. The current prerequisite is MATH 214. It will be expanded to MATH 214 or MATH 216 or MATH 217. Many transfer-students come with MATH 217 and then they experience the frustration of needing an override to get in the course. This change would reduce the student anxiety while registering into the course.

7. Department of Political Science—Dual Listing

[PLSC 457 plus PLSC 657 - The Art of Grant Writing](#)

Rationale: The overall course material is similar at the graduate and undergraduate levels, with each level receiving additional level-appropriate lectures covering level-appropriate materials. As lectures will be given "live" (and recorded) in the online format, students at both the graduate and

undergraduate levels may benefit from hearing questions and/or perspectives of students at similar and differing levels, affording a broader understanding of lecture contents and course materials.

8. Department of Biology—Course Revision with Lab Hour Change, Course Title Change (was Spring Flora of the Northeastern U.S.), and Catalog Description Change

[BIOL 474 - Wild Flora of the Northeastern U.S.](#)

Rationale: The laboratory is being removed from this course and replaced with an additional 50 minutes of lecture. This provides a single, 3-hour block of time to travel to field locations each week, which is all that is needed for covering the course material. From a scheduling standpoint, this new hour change will reduce the faculty complement allowing the course to be offered more often and will reduce the number of contact hours that the students have to schedule. The name change will give more flexibility so the course can be offered in either the regular semester or during the summer.

9. Madia Department of Chemistry, Biochemistry, Physics, and Engineering—Course Revision with Lab Hour Change, Catalog Description Change, New Course, and Program Revision

a. Program Catalog Description Change:

[Chemistry, BS \(including Pre-Medical and Chemistry Education\)](#)

Rationale: At the October Representative Council Meeting, the program revision was approved but not the program catalog description change. IUP has approved a separate track for the Chemistry/pre-pharmacy program, so the pre-pharmacy concentration of the Chemistry BS is redundant.

b. Course Revision with Lab Hour Change, Catalog Description Change

[SCI 105 - Physical Science](#)

Rationale: This course had been a linked-lecture lab course, where students must take both lecture and lab as a set. To improve flexibility for both students as well as faculty placements, we will separate the lab from the lecture. In this proposal, the lab portion of the course is being removed. In a different proposal, a new lab course, SCI 115, is being introduced. The new lab course will be almost identical to the lab portion of the previous version of SCI 105

c. New Course:

[SCI 115 - Physical Science Lab](#)

Rationale: SCI 105 Physical Science had been a linked lecture-lab class. The course is being separated into two components, SCI 105 Physical Science will become lecture only and SCI 115 will be a separate lab class.

d. Program Revision:

Physics, BS

Rationale: One modification to the program will be exchanging the places of PHYS 342 Thermal and Statistical Physics with PHYS 332 Modern Physics II. PHYS 342 will replace PHYS 332 in the required section core course listing. PHYS 332 will be in the controlled elective section. This will offer the students more breadth in their physics knowledge. They will still be able to explore areas of their interest as in the previous program. Additionally, ETIT 103 is being put in the correct alpha order and PHYS 131/141 and PHYS 132/142 are now only going to be listed in Liberal Studies because of a recent change in PASSHE policy that states: "directed (prescribed) General Education courses are counted in the General Education requirements/credits, not in the major or cognate requirements."

10. Department of Safety Sciences—Program Revision and Program Catalog Description Change

Safety, Health, and Environmental Applied Sciences, BS

Rationale: The following changes are being made to the program:

1. The elimination of PHYS 112/122 as a required course in the program.
2. The elimination of two business electives and reclassifying them as recommended electives.
3. Changing SAFE 493 internship to a variable credit (6 or 12cr) course, with only 6 credits counting toward program requirements. If a student chooses 12 credits for this course, the second 6 credits count as free electives.
4. The elimination of SAFE 488 as an internship option (which was only a 12-credit option).
5. The addition of SAFE 480 Senior Capstone Project (3cr) as a course that can be taken on an exception basis to fulfill internship-type requirements.
6. The elimination of ENGL 202 as a liberal studies course requirement. Instead, this requirement would be fulfilled through the Writing Across the Curriculum (WAC) plan. This will result in changing our liberal studies total credits from 44 credits down to 41 credits. The difference of the three credits will be shown as free electives.

The above changes will increase the number of free electives in our program from 0-9 to 19-22. This will provide students with more flexibility to pursue a minor, a certificate, or other free electives of their choosing. These changes will also have the potential to increase enrollment of transfer students into our program, since many more of their courses could be counted as free electives.

These changes should: 1) Provide no further implications on the program. We are not increasing complement required to implement the safety sciences coursework. 2) While these changes will remove the requirement for PHYS 112/122 and two Business courses, we will be placing the ACCT and MGMT courses on our list of recommended free electives for students to take. Additionally, we will be adding another CHEM course in our list of recommended free electives for those students interested in pursuing federal government jobs in industrial hygiene, as they are required to have three Chemistry courses to be eligible to apply. It is anticipated this may help to reduce the effect of this change with the Department of Chemistry, Biochemistry, Physics and Engineering from the removal of the PHYS 112/122 course. 3) These changes will provide the student greater flexibility in course offerings and will allow them to pursue outside interests beyond the safety program. This may include the adoption of a minor, a certificate, or other free electives of interest.

11. Department of Philosophy and Religious Studies—Program Moratorium

Religious Studies, BA

Rationale: Two years ago, two of the five Religious Studies faculty were retrenched. Last year, an additional faculty member retired. We cannot continue the major with only two faculty members. A minor will be proposed for students interested in the subject.

12. Department of Communications Media—Program Moratorium

Journalism and Public Relations, BA

Rationale: The Journalism and Public Relations BA program now exists under the Communications Media BS program and department.

The COMM Media department has created a fourth track to the UG curriculum—News Media in order to serve the students who are interested in becoming journalists. The department already had a Media Marketing plan for the students who are interested in public relations.

13. Department of Geography, Geology, Environment, and Planning—Program Revision and Program Catalog Description Change

Geography and Geographic Information Science (GIS), BA

Rationale: The biggest revision to the degree is the deletion of the Human Geography Specialization. Although Human Geography is one of the two main branches of Geography (the other being Physical Geography), student interest in the track/now specialization has been low. There are only two students currently in the track. Our students are primarily interested in the environmental classes and in the geo-techniques classes, which is where a lot of the jobs in the field are located. Thus, we have decided to delete this concentration so that we can focus more on the areas that are in demand.

Another related change is the removal of the word energy from what is now called the Environment/Energy Specialization. When the fracking boom first hit Pennsylvania there was interest in creating programs and courses in Energy. The department introduced a separate Energy Track; we did have students register for the track but later we reduced the number of tracks to three and combined the Energy and the Environment Tracks. There was a lot of overlap in the course work, but each attracted a different type of students. With Inspire we were asked to combine the three tracks into a single degree and the tracks became specializations. The interest in energy has continued to wane.

There are two courses being deleted from the Geography Core: GEOG 231 Economic Geography and GEOG 411 History of Geography. Economic Geography will be replaced with GEOG 232 Urban Landscapes. Both of these courses are representative of the subdisciplines of Human Geography, but Urban Landscapes has the advantage of additionally being a part of the Regional Planning program core. The demand for Urban Landscapes will remain higher. The basics of both topics are included in broad strokes in GEOG 230 Human Geography. The other course that is being removed from the core is History of Geography. A check of other university geography major programs revealed that the course is not offered frequently in geography programs anymore at the undergraduate level. This deletion will also require a revision of the program SLOs and the assessment plan for the major since it is tied to an SLO. History of Geography does have a long term paper and a focus on reading and

writing. To maintain these aspects of the class GEOS 470 - Research Planning will be substituted (this reduces the major credits by 1cr).

A long standing tradition in Geography has been the study of regions and our GEOG 104 World Geography class is frequently a way that the department attracts new majors. The number of regional classes listed on the books is seven, but in reality, the current regional classes that are offered on a rotating basis is only four or five. We are removing one course from the list now and eventually we have plans to combine some of the other regional classes.

GEOG 485 - GIS Application Development is being replaced with GEOG 421 - Enterprise GIS Management in the Geospatial Information and Technology Specialization. This modification is being made to reflect the shift in spatial data storage and access from physical server networks to cloud architecture, as well as the continuing demand of employers for program graduates with GIS applications development and programming skills. Also, GEOG 427 - GeoDesign is being added to the Geospatial Information and Technology Specialization and RGPL 453 - Planning Design Studio I and RGPL 454 - Planning Design Studio II are being removed from the recommended classes list since these courses are being reconfigured. GeoDesign is an emerging sub-discipline that brings together the design arts, geospatial analysis, community engagement, and project management. Changing workforce demands and technological shifts will make this course a better fit.

At the request of the Mathematical and Computer Science Department we are removing the current footnote about an alternate option for the MATH requirement and going back to MATH 217 recommended. Also, in Liberal Studies ENGL 202 - Composition II is no longer going to be required because the department's writing across the curriculum plan has been finalized. Lastly, the department is adding three GEOS 100 level courses; Geology of: National Parks, Climate Change, and Natural Disasters; to the recommended list for the Environment Specialization.

14. Liberal Studies and UWUCC Approved the Following:

- ART 113 - 3D Design and Digital Fabrication as a fine arts course.
- SCI 115 - Physical Science Lab as a natural science laboratory course.
- **University-Wide Graduate Curriculum Committee (Chair Moore)**
 - Next meeting: February 14, 2023 @ 3:45pm
- **Awards Committee (Chair Paul)**
 - Voting will take place soon!
- **Non-Credit Committee (Chair O'Neil)**
FOR INFORMATION:

American Language Institute

Meeting date: Tuesday, November 29, 2022

In attendance: Tess O'Neil, Chair, Marcy Rearick, Vice Chair, Members: Thomas Barnes, Joshua Castle, Rich Muth, Lynn Pike.

Interviewees: Emma Archer, Michele Petrucci

The American Language Institute (ALI) encompasses English Language Programs for International Students and Visitors.

They offer intensive English classes for international students and visitors as well as provide courses for students from beginner to advanced proficiency in English. Students at the ALI take 18-24 hours of course work a week, with 14-week semesters in the fall and spring and a seven-week term in the summer. Cocurricular social and cultural programs are offered to all ALI students.

The ALI offers several programs of study to meet the language needs and academic interests of international students:

- The English for Academic Purposes program is for applicants preparing for study at a US college or university, exchange students, and individuals in the community who want to improve their English skills.
- The Provisional program (ALI-P) is for applicants who plan to study at IUP. This program allows students to receive conditional admission to an undergraduate and several graduate programs at IUP while they study at the ALI to reach the required level of English proficiency.
- The Bridge program allows qualified students to take up to two IUP classes while also studying English at the ALI. If students successfully complete nine IUP credits through the Bridge program, the language proficiency test requirement may be waived for undergraduate admission.

The ALI also works with groups and organizations to create programs to meet their students' schedules and specific language learning needs.

- **Library and Education Services Committee (Chair Chadwick)**
 - Next meeting: February 14, 2023 @ 3:45pm in Stapleton 203

- **Research Committee (Chair Sciulli)**
FOR INFORMATION:

Meeting Minutes - November 8, 2022

Note: The committee currently has vacancies from NSM, CAH, and University Services

There were 3 USRC small grant proposals for review and decision was made to fund 3, totaling \$4,144.00. This month's proposals consisted of 3 travel proposals and 0 research proposals.

- Julie Ankrum
- Kimberly Desmond
- Brittany Pollard

See USRC website for research and travel funding opportunities.

- Next meeting: February 14, 2023 @ 3:30pm via Zoom
- **Student Affairs Committee (Chair Erwin)**
 - Next meeting: February 14, 2023 @ 3:45pm via Zoom
- **University Development and Finance Committee (Chair Drye)**
 - The Proposed Five-Year, Priority Capital Spending Plan will be included on the March 7, 2023 Senate agenda.
 - Next meeting: March 14, 2023 @ 3:45pm via Zoom

- **Academic Committee (Chair Dugan)**

FOR ACTION:

APPROVED

CURRENT

Withdrawal from IUP and Its Impact on Student Financial Aid (*approved 3.1.2016*)

Students taking a total university withdrawal from all of their courses at IUP may find their financial aid for that particular semester affected. The 1998 Reauthorization of the Higher Education Act requires educational institutions to calculate a Return of Federal Student Aid Funds (Title IV aid) for students who withdraw from all classes on or before the 60 percent attendance point in the semester. A pro-rata schedule is used to determine the percentage of the semester attended; that percentage determines the amount of federal funds earned. The Office of the Bursar applies the federal guidelines and returns the unearned portion to the federal programs in the following order: (1) Unsubsidized Federal Direct Loan, (2) Subsidized Federal Direct Loan, (3) Federal Perkins Loan, (4) Federal Direct PLUS Loan, (5) Federal Pell Grant, and 6) Federal Supplemental Educational Opportunity Grant.

Example: If a student withdrew on the 32nd calendar day of a semester that encompassed 106 calendar days (not including breaks of five or more days), the student would have attended 30 percent of the semester. Therefore, the student would have earned 30 percent of his or her federal aid.

In addition to affecting current eligibility, a total withdrawal can affect future eligibility for financial aid. Please refer to the section regarding satisfactory academic progress.

PROPOSED

Withdrawal from IUP and Its Impact on Student Financial Aid

Students taking a total **semester** withdrawal from all of their courses at IUP may find their financial aid for that particular semester affected. The 1998 Reauthorization of the Higher Education Act requires educational institutions to calculate a Return of Federal Student Aid Funds (Title IV aid) for students who withdraw from all classes on or before the 60 percent attendance point in the

semester. A pro-rata schedule is used to determine the percentage of the semester attended; that percentage determines the amount of federal funds earned. The Office of **Student Billing** applies the federal guidelines and returns the unearned portion to the federal programs in the following order: (1) Unsubsidized Federal Direct Loan, (2) Subsidized Federal Direct Loan, (3) Federal Direct PLUS Loan, (4) Federal Pell Grant, and (5) Federal Supplemental Educational Opportunity Grant.

Example: If a student withdrew on the 32nd calendar day of a semester that encompassed 106 calendar days (not including breaks of five or more days), the student would have attended 30 percent of the semester. Therefore, the student would have earned 30 percent of his or her federal aid.

- In addition to affecting current eligibility, a total withdrawal can affect future eligibility for financial aid. Please **contact the Office of Financial Aid for more specific information**.

RATIONALE: Updated as part of a cyclic review.

FOR ACTION:

APPROVED

CURRENT

Total University Withdrawal Policy (*approved 3.1.2016*)

The Total University Withdrawal Policy provides students who are unable to complete a term with the option of withdrawing from all classes, and thus from the university, for that term. During the fall and spring semesters, Total University Withdrawals may be processed between the first day of classes and the end of the 11th week of the term. During summer and winter terms, the deadline is the two-thirds point of each course for which the student is registered. Questions about academic impact of withdrawal should be directed to the Advising and Testing Center (see “Process” below). Questions about the financial impact of withdrawal should be addressed to the Office of the Bursar and/or the Office of Financial Aid.

Late Withdrawal: Any undergraduate student who needs to withdraw from the university after the deadline must process a waiver through the office of the dean of his or her college. Approval of the waiver is contingent on documentation of catastrophic circumstances preventing the student from completing the term. Approved waivers must be submitted to the Advising and Testing Center and attached to the Total University Withdrawal form for processing as below.

Involuntary Withdrawal: Any undergraduate student involuntarily withdrawing from the university as a result of suspension or expulsion unrelated to violations of the Academic Integrity Policy will automatically have the designation of “W” assigned to each registered course as a result of such judicial action.

Process: Undergraduate students voluntarily withdrawing from the university should first review information on withdrawals on the Advising and Testing website (www.iup.edu/advisingtesting) and

check the financial impact of withdrawal. Then they must process a Total University Withdrawal either via MyIUP (*my.iup.edu*) or by form completion with the Advising and Testing Center, Pratt Hall, 724-357-4067 (V/TD; *advising-testing@iup.edu*). Once the Total University Withdrawal has been processed, a withdrawal designation (“W”) will be assigned to all registered courses from which the student is withdrawing. There are no financial leniencies for withdrawals caused by medical situations. IUP’s percentage of forfeiture rates follow state and federal dictates, which do not address medical situations.

PROPOSED

Undergraduate Total Semester Withdrawal Policy

The Total **Semester** Withdrawal Policy provides students who are unable to complete a semester with the option of withdrawing from all classes, and thus from the university, for that **semester**. During the fall and spring, Total **Semester** Withdrawals may be processed between the first day of classes and the end of the 11th week of the semester. During summer and winter **sessions**, the deadline is the two-thirds point of each course for which the student is registered. Questions about academic impact of withdrawal should be directed to the **University College** (see “Process” below). Questions about the financial impact of withdrawal should be addressed to the **Office of Student Billing** and/or the Office of Financial Aid.

Late Withdrawal: **Undergraduate students** who **need** to withdraw from the **current academic semester** after the deadline must process a waiver through the office of the dean **of the college of their primary major**. Approval of the waiver is contingent on documentation of catastrophic circumstances preventing the student from completing the **semester and/or session**. Approved waivers must be submitted to the **University College** and attached to the Total **Semester** Withdrawal form for processing as below.

Involuntary Withdrawal: Any undergraduate student involuntarily withdrawing from the university as a result of suspension or expulsion unrelated to violations of the Academic Integrity Policy will automatically have the designation of “W” assigned to each registered course as a result of such judicial action.

Process: Undergraduate students voluntarily withdrawing from the university should first review information on withdrawals on the **University College’s Academic Success Center** website (<https://www.iup.edu/success/student-resources/total-university-withdrawal-for-undergraduates/index.html>) and check the financial impact of withdrawal. Then **the student must submit** a Total **Semester** Withdrawal either via MyIUP (*my.iup.edu*) or by form completion with the **University College, B01 Stabley Library, 724-357-2375**. Once the Total **Semester** Withdrawal has been processed, a withdrawal designation (“W”) will be assigned to all registered courses from which the student is withdrawing. There are no leniencies for withdrawals caused by medical situations. IUP’s percent of forfeiture rates follow state and federal dictates, which do not address medical situations.

Re-Enrollment: Students should refer to the **Re-enrollment** Policy in the Admissions section of this catalog for further information about returning to IUP.

RATIONALE: Policy was reviewed as part of the committee's cyclic review. It was updated to include current language and the title was updated to better reflect what the policy entails

FOR ACTION:

APPROVED

CURRENT

Midterm Grade Report Policy

(approved, 4.2.2019)

Students are advised to be in contact with instructors throughout the semester to remain current on their course status and progress. To help students monitor their academic performance, instructors will post midterm grades for all undergraduate students. Each semester, the registrar will establish and announce the dates for instructors to enter midterm grades in MyIUP and for students and advisors to access them.

The midterm grade is an advisory grade and is not a permanent part of a student's academic history. It is not used to determine enrollment status, dismissal, or eligibility for financial aid, housing, or athletics.

PROPOSED

Midterm Grade Report Policy

Students are advised to be in contact with instructors throughout the semester to remain current on their course status and progress. To help students monitor their academic performance, instructors will post **advisory** grades for all undergraduate students **reflective of each student's progress to date**. Each semester, the registrar will establish and announce the dates for instructors to enter midterm grades in MyIUP and for students and advisors to access them.

The midterm **grade is not** a permanent part of a student's academic history. It is not used to determine enrollment status, dismissal, or eligibility for financial aid, housing, or athletics.

RATIONALE: The policy was reviewed to ensure that its intent was clear. Language was updated to better reflect the policy intent, time frame and role in the advisory process.

Senate Representative Report

A. University Planning Council (Chair Moore)

- No report

B. President's Athletic Advisory Committee (Chair Castle)

- Next meeting: February 17, 2023

C. Academic Computing Policy Advisory Committee (Chair Ford)

- Next meeting: February 15, 2023 @ 3:00pm

D. University Budget Advisory Committee (Senator Cook)

- Next meeting: March 9, 2023

New Business

Adjournment

- The meeting adjourned at 4:17pm.

Respectfully submitted:

Amber N. Racchini