

**MINUTES
GENERAL FACULTY MEETING
April 4, 2023**

I. Meeting was called to order by Chair O’Kelley at 3:45 PM

II. Minutes from the February 21, 2023 meeting were approved as posted

III. Elections

Academic Affairs Committee

Jeanne Gunther—Education

Kay Poston—Accounting

Academic Affairs Committee (SOE)

Kim McCuiston—Education

Academic Affairs Committee (COLA)

Brittany Baker—Physics

Academic Freedom and Tenure Grievance

Karen Fries—Education

Mike Hughes—Finance

Admissions, Advising, and Retention

Brittany Baker—Physics

Lauren Perez—Political Science

Faculty Grievance

Daljit Kaur—Education

Meredith Reynolds—English

Faculty Life (SOB)

Johnathan Munn—Economics

Faculty Life (Humanities)

Glen Gourley—Fine Arts

Grade Appeals

Tiffany Pressley—Nursing

Graduate Council

Jeanne Gunther—Education

Deborah Hopla—Nursing

Graduate Council (Psychology)

Matthew Hagler—Psychology

Graduate Council (SOB)

Hari Rajagopalan—Management

Graduate Council (SOE)

Cindi Nixon—Education

Information Technology

Nathan Flowers—Library

Hunter Sims—Physics

Institutional Effectiveness

Todd Couch—Sociology

Jason Doll—Biology

Kim McCuiston—Education

Michael Potter—Engineering

Nominating

Smriti Bhargava—Economics

Rachelle Lydell—Occupational Therapy

PEAK (Science and Mathematics)

Ivan Dungan—Mathematics

PEAK (SOE)

Kit SaizdelaMora—Education

PEAK (Fine Arts and Mass Communication)

Brittany Gilbert—Fine Arts

PEAK (SHS)

Afua Agyapong—Speech Pathology

Professional Development (Science and Math)

Shayna Wrihten—Biology

Professional Development (Humanities)

Catherine England—English

Professional Development (Fine Arts and Mass Communication)

Glen Gourley—Fine Arts

IV. Report from the Executive Committee

As President Carter stated at the AAUP Forum, the Post and Courier is setting up an office in Florence. They will be hosting a Town Hall at the PAC on May 1, starting at 6:30. Please attend to hear about their plans for the Pee Dee Region. In other news, the Senate is meeting this week and our budget requests appear to be progressing well through that process. In addition, graduation is being held on May 6th at the Florence Center with one ceremony to begin at 10 am. An email will be coming to the faculty next week detailing the procedures that will be in place. Some of the highlights include a recommendation that you arrive no later than 9:15 and park in the East Lot because the East Entrance will be the designated entry point. Only clear bags of a certain size will be allowed, no outside food or drink will be allowed, and all faculty will be required to go through a metal detector. Otherwise, the ceremony will be similar to what we've done in the past and attendance is encouraged. However, we will be returning to two ceremonies on campus starting in December.

V. Report from the Faculty Senate (*See the attachment for complete proposals. See the appendix for supporting materials*).

1. Proposal from the School of Education – *All items passed as written.*

- A. Add –EDUC 426
- B. Add –EDUC 428
- C. Add –EDUC 430
- D. Add – Minor in Autism
- E. Add – Autism Collateral

2. Proposal from the Department of General Studies – *Item passed as written.*

- A. Modify – The Natural Science and Mathematics concentration to include Engineering

3. Proposal from the Department of Sociology - *All items passed as written.*

- A. Modify– SOCI 302
- B. Modify– SOCI 303
- C. Modify– SOCI 310
- D. Modify– SOCI 315
- E. Modify– SOCI 331
- F. Modify– SOCI 351
- G. Modify– SOCI 361
- H. Modify –SOCI 407
- I. Modify – SOCI 419
- J. Modify – Courses for Sociology General Track
- K. Modify – Courses for Sociology Health Track
- L. Modify – Courses for Sociology Criminal Justice Track

4. Proposal from the Department of Biology - *All items passed as written.*

- A. Modify – Course restrictions and listings for the Environmental Science and Studies minor and collateral

- B. Delete – The four-year plan for the Environmental Science Option
- C. Modify – BIOL 236 prerequisites
- D. Add – BIOL 403
- E. Delete – BIOL 320
- F. Modify – BIOL 499
- G. Modify – Biology elective requirements
- H. Modify – The four-year plan of study for Biology majors with Chemistry minor or collateral
- I. Modify – The four-year plan of study for Veterinary Studies majors
- J. Modify – The four-year plan for Environmental Science majors

5. Proposal from the Department of English, Modern Languages, and Philosophy -

All items passed as written.

- A. Add – SPAN 204
- B. Add – SPAN 305

VI. Approval of Candidates for May Graduation – *Candidates were approved contingent upon final verification from the Registrar.*

(Final approval is contingent upon final verification from the Registrar).

VII. Candidates for Professor Emeritus/a (2023) – *All candidates were approved for Emeritus/a status.*

- Dr. Nancy Zaice (2006-2022, Professor of English)
- Dr. Sophia Waymyers (2004—2023, Assistant Professor of Mathematics)
- Dr. George Schnibben (1984—2023, Professor of Mathematics)
- Dr. Peter King (1996-2023, Professor of Biology)

Criteria: The title Emeritus/a will be conferred on Assistant, Associate, or Full professors upon retirement from a minimum of twelve years' full-time faculty service. Emeritus/a candidates will be identified by department chairs or deans, forwarded to the chairperson of the general faculty, presented for approval by simple majority vote at a meeting of the general faculty, and submitted for concurrence to the president of the university. These criteria are retroactive: faculty having already retired are eligible for this title provided they meet these criteria.

VIII. Old Business - None

IX. New Business - None

X. Announcements – April 20 last Senate meeting, also Faculty Awards Reception at PAC; May 5 Administrator evaluations due; May 6 Graduation 10:00 am Florence Center; April 29 celebration of Green Book site; April 5 Teaching and Learning Seminar; April 20 Cultural Conversation in Palmetto Room at 11:00 AM; April 11 FMU Jazz ensemble at 7:30 in Black Box; additional fine arts events were mentioned; PD deadlines were announced.

XI. Meeting was adjourned by Chair O’Kelley at 4:38 PM

Attachment to the General Faculty Meeting Agenda – April 4, 2023

V. Report from the Faculty Senate

1. Proposal from the School of Education

A. **ADD** on page 156 of the current catalog the following after the description for EDUC 425:

EDUC 426 Seminar in Autism and Neurodiversity (1) (Corequisite: EDUC 428; PSYC 347). This course will provide students with the knowledge, understanding, and skills to engage with and advocate for neurodiverse individuals. In this seminar, we will explore the history and etymology of autism and neurotypes, current policy guiding services for neurodivergence, research and innovation with neurodiverse students, and portrayal of neurodiversity in media.

B. **ADD** on page 156 of the current catalog after the new description for EDUC 426:

EDUC 428 Practicum in Autism and Neurodiversity (2) (Corequisite: EDUC 426; PSYC 347). This course provides opportunities for pre-professionals to gain experience supporting autistic individuals and their families. Through this course, students will partner with autism advocacy and support groups to develop and assist with interdisciplinary autism educational and advocacy programs. Students complete at least 30 hours in a supported field experience and will regularly reflect on their experience.

C. **ADD** on page 156 of the current catalog after the new description for EDUC 428:

EDUC 430 Self-Regulated Learning (3). This course highlights research, theories, and practices for developing self-regulation skills in learners across the lifespan. Students will explore a multidimensional conceptual framework of self-regulated learning, including attachment, self-determination, resilience, and environmental factors. Throughout the course, students will apply principles of self-regulated learning to their future work context supporting learners across the lifespan.

RATIONALE for A-C:

As of 2021, about 1 in 44 children has been identified with autism spectrum disorder (ASD) according to estimates from CDC’s Autism and Developmental Disabilities Monitoring (ADDM) Network. The same site reported that ASD occurs in all racial, ethnic, and socioeconomic groups and autism prevalence has increased by 178% since 2000 (<https://www.cdc.gov/ncbddd/autism/data.html>). These statistics demonstrate there

is a high probability that, regardless of our students' chosen fields such as education, speech language pathology, psychology, criminal justice, health sciences, etc., they will work with at least one autistic individual over their careers. An understanding of ASD will enable our graduates to better serve and work with autistic individuals and their families. Therefore, the School of Education is proposing to develop both an interdisciplinary collateral and an interdisciplinary minor in Autism. Both options are designed for students across majors who are interested in learning more about autism and supporting children, youth, and adults with autism. The collateral and minor both encompass courses and faculty expertise from the Department of Speech Language Pathology, Department of Psychology, and School of Education (SoE). Students will take courses from all relevant departments and the SoE and complete a practicum to gain applied experience supporting autistic individuals. The selected courses will provide students who wish to earn a collateral or minor in Autism with common language, terminology, and strategies used to support autistic individuals. The SoE believes a collateral might be workable for elementary and early childhood education students, as those two EDUC programs are already highly prescriptive due to State Board of Education requirements and do not necessarily lend themselves to a minor. Specific to Education majors, if a student's ability to student teach in a timely manner is interrupted for any reason (i.e., the student is unable to pass the required PRAXIS exams), the minor or collateral could be a viable option for that student. Further, both the minor and collateral directly address President Carter's initiative to better prepare professionals to work with autistic individuals.

D. **ADD** on page 151 of the current catalog the following under MINOR and before Admission to Student Teaching (Checkpoint II):

A Minor in Autism and Neurodiversity includes the following courses: EDUC 420, EDUC 426, EDUC 428, EDUC 430, SLP 407, PSYC 317, PSYC 347.

E. **ADD** on page 151 of the current catalog the following under MINOR in AUTISM:

A Collateral in Autism and Neurodiversity includes the following courses: EDUC 420, EDUC 426, EDUC 428, PSYC 317, PSYC 347.

RATIONALE for D-E:

The rationale for these changes is to integrate the new courses as described above into the existing curriculum, and to place them in the context of other education coursework students need to graduate with a minor or collateral in Autism.

2. Proposal from the Department of General Studies

A. **MODIFY** on page 168 of current print catalog

FROM:

c. Natural Science and Mathematics:
Astronomy, Biology, Chemistry, Mathematics, Physical Science,
Physics

TO:

c. Natural Science and Mathematics:
Astronomy, Biology, Chemistry, **Engineering**, Mathematics, Physical Science,
Physics

RATIONALE for A:

Bachelor of General Studies (BGS) Natural Science and Mathematics concentration currently does not include engineering. This change will allow engineering students to pursue BGS if they are unsuccessful in higher-level engineering courses. This change will allow the Natural Science and Mathematics concentration to be inclusive of engineering. Currently, this concentration includes the other science and math disciplines.

3. Proposals from the Department of Sociology

A. **MODIFY** the course description of Sociology 302 (Methods of Sociology) on page 136 of the 2022-2023 Catalog:

FROM:

302 Methods of Sociology (3) (Prerequisite: 201 and declared sociology major or permission of the department) F, S. Introduction to ~~the principles and techniques of organizing, conducting, and interpreting sociological research; the appropriateness of particular methodologies for different kinds of research problems; emphasis on writing a research proposal.~~

TO:

302 Methods of Sociology (3) (Prerequisite: 201 and declared sociology major or permission of department) F, S. Introduction to **understanding how research methods help us answer important social questions, appreciating why our limited perceptions of social processes can be wrong, and acquiring critical skills necessary for evaluating research and communicating it to others; emphasis on the advantages and limitations of different data collection strategies.**

Rationale for A:

Research proposals are no longer required in the course. The course goal has shifted toward becoming an informed consumer of research rather than producing research. Sociology majors continue to produce and write research in our upper-level survey methodology course.

B. **MODIFY** the course title and description of Sociology 303 (Quantitative Methods in Social Research) on page 136 of the 2022-2023 Catalog:

FROM:

303 Quantitative Methods in Social Research (3) (Prerequisite: 201, Mathematics 134, and declared sociology major, or permission of department) F, S. Introduction to basic statistical concepts; determining appropriate levels of measurement; calculating and interpreting descriptive statistics; calculating and interpreting inferential statistics including z-scores and confidence intervals; conducting hypothesis tests; determining associations between variables; regression and correlation analysis.

TO:

303 Social Statistics and Data Analysis (3) (Prerequisite: 201, Mathematics 134, and declared sociology major, or permission of department) F, S. Introduction to statistical concepts; determining levels of measurement; calculating and interpreting descriptive and inferential statistics, including z-scores and confidence intervals; conducting hypothesis tests; determining associations between variables; regression and correlation analysis; data analysis using SPSS.

Rationale for B:

The course title does not reflect what is covered in the course. The course focuses on statistics and data analysis rather than the quantitative methods used to collect the data (i.e., surveys, experiments, interviews, etc.).

C. **MODIFY** the course title and description of Sociology 310 (Racial and Cultural Minorities) on page 136 of the 2022-2023 Catalog:

FROM:

310 Racial and Cultural Minorities (3) (Prerequisite: 201 or permission of department) Survey of racial and cultural conflicts in contemporary civilization, theories of race and culture; the status of racial, religious, and ethnic minorities in the United States.

TO:

310 Race and Society (3) (Prerequisite: 201 or permission of department) A theoretically grounded examination of how racial groupings are created, inhabited, transformed, and eliminated. Topics explored in this course include theoretical models for understanding racial difference, the social implications of racial hierarchies, and the significance of racial coalitions in promoting social change.

Rationale for C:

The title and description are being modified to better reflect the content covered in the course.

- D. **MODIFY** the course title of Sociology 315 (Sex and Gender in Social Contexts) on page 137 of the 2022-2023 Catalog:

FROM:

315 ~~Sex and Gender in Social Contexts~~

TO:

315 Gender and Society

Rationale for D:

The current title is rather drawn-out; therefore, the modified title was developed to be more simplistic and concise. Also, the change reflects a more modern conceptualization of gender today.

- E. **MODIFY** the course title of Sociology 331 (Environment, Power, and Opportunity) on page 137 of the 2022-2023 Catalog:

FROM:

331 Environment, ~~Power, and Opportunity~~

TO:

331 Environment and Society

Rationale for E:

The original title implies a focus on inequality, which does not accurately reflect the current content of the course.

- F. **MODIFY** the course title of Sociology 351 (Crimes Against the Environment) on page 137 of the 2022-2023 Catalog:

FROM:

351 ~~Crimes Against the Environment~~

TO:

351 Environmental Crime

Rationale for F:

The title is being shortened to match what the professor commonly calls the course.

G. **MODIFY** the course title and description of Sociology 361 (Society and the Individual) on page 137 of the 2022-2023 Catalog:

FROM:

361 ~~Society and the Individual~~ (3) (Prerequisite: 201 or permission of department) ~~Survey of selected micro-sociological theoretical orientations and methodological procedures and illustrative substantive data examining the relationship between society and the individual. Emphasis on symbolic interaction and dramaturgy.~~

TO:

361 Self and Identity in Society (3) (Prerequisite: 201 or permission of department) Examines the core principles of sociological social psychology with an emphasis on symbolic interaction and dramaturgy; provides an overview of the development of the self and identities; explores related topics including emotions, self-esteem, influence, attitudes, and personality from a social context.

Rationale for G:

The original title and description do not reflect the content of the course as it is currently taught. The original description reads as a methodology course, which is not the purpose of this course. The revised description provides a better overview of the subject matter.

H. **MODIFY** the course number and prerequisites of Sociology 407 (Urban Sociology) on page 138 of the 2022-2023 Catalog and move the course to page 137 between SOCI 331 and 339.

FROM:

407 Urban Sociology (3) (Prerequisite: ~~Nine hours of sociology courses including~~ 201 or permission of ~~the~~ department) Historical and current urban growth patterns, theoretical perspectives regarding urban structure and change, distribution of power and other resources in urban settings, urban cultural and social forms, problems of urban areas, and strategies of urban planning. The United States and other nations are examined. Explores how gender, racial/ethnic, class, age, nationality, and other group relations affect urban processes and life.

TO:

333 Urban Sociology (3) (Prerequisite: 201 or permission of department) Historical and current urban growth patterns, theoretical perspectives regarding urban structure and change, distribution of power and other resources in urban settings, urban cultural and social forms, problems of urban areas, and strategies of urban planning. The United States and other nations are examined. Explores how gender, racial/ethnic, class, age, nationality, and other group relations affect urban processes and life.

Rationale for H:

This is not a new course, but rather a renumbering of an existing course. Sociology 407 (Urban Sociology) is being renumbered to a lower level to better reflect the level of difficulty of assignments in the course. The Registrar's Office has been consulted regarding the selection of the new course number.

- I. **MODIFY** the course number and prerequisites of Sociology 419 (Population and Society) on page 138 of the 2022-2023 Catalog and move the course to page 137 between SOCI 331 and 339.

FROM:

419 Population and Society (3) (Prerequisite: **Nine hours of sociology courses including** 201 or permission of ~~the~~ department) Scientific study of population size, composition, and distribution; analysis of trends and differentials in birth rates, death rates, and migration by race/ethnicity, gender, class, age, and nationality; consideration of actual and potential pressures of population on natural resources; the interrelationship of population and the social structure as it varies by race/ethnicity, class, gender, age, and nationality.

TO:

334 Population and Society (3) (Prerequisite: 201 or permission of department) Scientific study of population size, composition, and distribution; analysis of trends and differentials in birth rates, death rates, and migration by race/ethnicity, gender, class, age, and nationality; consideration of actual and potential pressures of population on natural resources; the interrelationship of population and the social structure as it varies by race/ethnicity, class, gender, age, and nationality.

Rationale for I:

This is not a new course, but rather a renumbering of an existing course. Sociology 419 (Population and Society) is being renumbered to a lower level to better reflect the level of difficulty of assignments in the course. The Registrar's Office has been consulted regarding the selection of the new course number.

- J. **MODIFY** the sociology general track options on page 136 of the 2022-2023 Catalog, under SOCIOLOGY GENERAL TRACK:

FROM:

2. Twenty-one semester hours of additional sociology course work as follows:
a) Five courses in General Sociology: 306, 310, 311, 315, 327, 331, 361, 374, 375, 376, 381, 382, 384, 387, 388, 389, ~~407, 419~~

TO:

2. Twenty-one semester hours of additional sociology course work as follows:
a) Five courses in General Sociology: 306, 310, 311, 315, 327, 331, ~~333, 334~~, 361, 374, 375, 376, 381, 382, 384, 387, 388, 389

Rationale for J:

Changes in the course options for the General Track reflect the changes to the course numbers for Urban Sociology (from SOCI 407 to SOCI 333) and Population and Society (from SOCI 419 to SOCI 334).

- K. **MODIFY** the sociology health track options on page 136 of the 2022-2023 Catalog, under SOCIOLOGY HEALTH TRACK:

FROM:

2. Eighteen semester hours of health-related sociology course work as follows:
b) Three sociology courses selected from: 344, 347, 376, 381, 387, 388, ~~and 419~~
c) Two sociology courses selected from: 310, 311, 315, 327, ~~and~~ 331

TO:

2. Eighteen semester hours of health-related sociology course work as follows:
b) Three sociology courses selected from: ~~334~~, 344, 347, 376, 381, 387, 388
c) Two sociology courses selected from: 310, 311, 315, 327, ~~331~~

Rationale for K:

Changes in the course options for the Health Track reflect the changes to the course number for Population and Society from SOCI 419 to SOCI 334. The change to 2c is for consistency with how courses are listed for other tracks.

- L. **MODIFY** the political science course options on page 136 of the 2022-2023 Catalog, under SOCIOLOGY CRIMINAL JUSTICE TRACK:

FROM:

2. Eighteen semester hours of criminal justice course work as follows:
c) One political science course selected from: Political Science 322, 323, ~~330, 331~~

TO:

2. Eighteen semester hours of criminal justice course work as follows:
c) One political science course selected from: Political Science 322, 323, 346, 347

Rationale for L:

Changes in the course options for the Criminal Justice Track reflect the changes made by the Department of Political Science and Geography. POLI 330 and 331 were replaced with POLI 346 and 347 in their degree program.

4. Proposal from the Department of Biology

- A. **MODIFY** on page 65-66 of the current catalog the course restrictions and listings for the Environmental Science and Studies minor and collateral.

FROM:

Biology majors may not count Biology classes towards the Environmental Science and Studies minor or collateral.

BIOL 105/115: Biological Science I

BIOL 106: Biological Sciences II

BIOL 107: Integrated Biological Concepts I

BIOL 108: Integrated Biological Concepts II

BIOL 210: Conservation Biology

BIOL 212: Natural History of South Carolina

BIOL 318: Tropical Ecology

BIOL 400: Fisheries Science and Management

BIOL 440: Ecotoxicology

BIOL 442: Wildlife Biology

CHEM 111/L: General Chemistry I

CHEM 112/L: General Chemistry II

ECON 340: Environmental and Natural Resource Economics

ENVR 102: Introduction to Sustainability

ENVR 201: Water Quality and Water Resource Management

ENVR 250: Introduction to Environmental Law and Policy

ENVR 306: Special Topics in Environmental Science

ENVR 316: Environmental Ethics

ENVR 351: U.S. Environmental Policy and Politics
ENVR 355: International Environmental Policy and Politics
GEOG 105: Physical Geography
GEOG 215: Introduction to Mapping and GIS
SOC 331: Environment, Power and Opportunity
SOC 351: Crimes Against the Environment
SOC 388: Disasters and Extreme Events

TO:

Courses from a department major may not count towards that department major and Environmental Science and Studies minor or collateral.

BIOL 105/115: Biological Science I
BIOL 106: Biological Sciences II
BIOL 107: Integrated Biological Concepts I
BIOL 108: Integrated Biological Concepts II
BIOL 210: Conservation Biology
BIOL 212: Natural History of South Carolina
BIOL 318: Tropical Ecology
BIOL 400: Fisheries Science and Management
BIOL 440: Ecotoxicology
BIOL 442: Wildlife Biology
CHEM 111/L: General Chemistry I
CHEM 112/L: General Chemistry II
CHEM 203/L: Analytical Chemistry I: Quantitative Analysis
CHEM 313/L: Environmental Chemistry
ECON 340: Environmental and Natural Resource Economics
ENVR 102: Introduction to Sustainability
ENVR 201: Water Quality and Water Resource Management
ENVR 250: Introduction to Environmental Law and Policy
ENVR 306: Special Topics in Environmental Science
ENVR 316: Environmental Ethics
ENVR 351: U.S. Environmental Policy and Politics
ENVR 355: International Environmental Policy and Politics
GEOG 105: Physical Geography
GEOG 215: Introduction to Mapping and GIS
SOC 331: Environment and Society
SOC 351: Environmental Crime
SOC 388: Disasters and Extreme Events

Rationale for A:

The Environmental Science and Studies minor and collateral are interdisciplinary in nature. To maintain the interdisciplinary minor and collateral curriculum, students will not be able to count a course in their major and in the Environmental Science and Studies minor and collateral. The original proposal limited this

requirement to only Biology majors. This change generalizes the requirement to all majors.

Two chemistry courses from the major have been added to the list of eligible courses that count towards the minor. This change will make it possible for Biology majors to take the upper-level Chemistry courses (CHEM 203 and 313) for the Environmental Science and Studies minor or collateral.

- B. **DELETE** on page 74 of the current catalog the four-year plan for the Environmental Science Option.

**FOUR-YEAR PLAN FOR BIOLOGY MAJORS:
ENVIRONMENTAL SCIENCE OPTION WITH A CHEMISTRY MINOR**

Freshman Year			
Course	Fall Sem.	Course	Spring Sem.
English 101 (or 101E/101L)	3-4	English 102	3
Mathematics 111 (or 111E) or	3	Math 132 or higher	3
Biology 105 and 115, 106, 107, or	4	Biology 105 and 115, 106, 107, or	4
Chemistry 111 and 111L	4	Chemistry 112 and 112L	4
Total Credits	14-15	Total Credits	14
Sophomore Year			
Course	Fall Sem.	Course	Spring Sem.
Biology (Animal)	4	Biology (Plant)	4
Chemistry 201	4	Chemistry 202	4
Art 101, Music 101, or Theatre	3	History: 100-Level	3
Conservation Biology Elective	4	Social Science Elective	3
		Literature	3
Total Credits	15	Total Credits	17
Junior Year			
Course	Fall Sem.	Course	Spring Sem.
Biology Elective	4	Biology 301, 302, or 407	4
Physics 215	4	Physics 216	4
Social Science Elective	3	Humanities Elective	3
Chemistry Elective	4	Speech Communication	3
		Elective	3
Total Credits	15	Total Credits	17
Senior Year			
Course	Fall Sem.	Course	Spring Sem.
Biology (Ecology)	4	Science Electives	8
Biology 401 or 409	4	Elective	3
Elective	3-4	Political Science 101 or 103	3
Elective	3	Biology 499	1

Total Credits	14-15	Total Credits	15
Total Hours Required for Degree—120			

Rationale for B:

The Environmental Science Option was replaced by the Environmental Science Major.

- C. **MODIFY** on page 69 of the current catalog the pre-requisites for the BIOL 236 course.

FROM:

236 Human Physiology for Healthcare Professionals (4:3-3) (Prerequisite: 205 and Chemistry ~~112 and 112L~~) or permission of the department) F, S, SU. Structure and function of the major organs and human body systems, emphasizing their mechanisms of operation, including clinical considerations. This course is recommended for pre-nursing majors only. Credit cannot be given for both Biology 236 and Biology 406.

TO:

236 Human Physiology for Healthcare Professionals (4:3-3) (Prerequisite: 205 and Chemistry **111 and 111L**) or permission of the department) F, S, SU. Structure and function of the major organs and human body systems, emphasizing their mechanisms of operation, including clinical considerations. This course is recommended for pre-nursing majors only. Credit cannot be given for both Biology 236 and Biology 406.

Rationale for C:

This change is being introduced to account for the dropping of the CHEM 112/112L requirement from the Nursing Plan of Study Lower Division (“Pre-Nursing”) curriculum which was proposed by the Nursing Department last fall and ultimately approved by the General Faculty at the meeting held on November 15, 2022.

- D. **ADD** on page 70 of the current catalog add the listing for new course BIOL 403:

403 Plant Genetics and Breeding (4:3-3) (Prerequisite: 105/115 or 107 and 106 or 108 and Chemistry 112 and 112L) An exploration of the fundamentals of quantitative, population, and molecular genetics in plants. Largely using horticultural crop species as model organisms, we will explore historical and contemporary plant breeding and improvement techniques. Topics will include the inheritance of qualitative and quantitative traits, breeding strategies in context of plant life history characteristics, biotechnology in crop improvement, and plant domestication.

- E. **DELETE** on page 69 of the current catalog the listing for BIOL 320: Plant Evolution and Diversity.

320 Plant Evolution and Diversity (4:3-3) (Prerequisite: 105/115 or 107 and 106 or 108 or permission of the department). This course utilizes the framework of evolutionary processes and the tools used by biologists who study systematics to better understand the diversity in the plant kingdom. Students will study the patterns, processes, and mechanisms of plant evolution and speciation. The course will detail each phylum of extant plant and places a focus on flowering plants, covering such topics as plant and pollinator coevolution, plant defenses against herbivory, and crop improvement.

Rationale for Items D and E:

BIOL 403 is essentially replacing BIOL 320 while adding another course for Biology majors seeking to fulfill their 'Genetics or Evolution' core requirement. Joins 401: Genetics and 409: Evolutionary Biology in that slot.

- F. **MODIFY** on page 71 of the current catalog the pre-requisites for the BIOL 499 course.

FROM:

499 Senior Seminar (1:2) (Prerequisite: 24 hours in biology or permission of the department. To be taken the semester prior to or semester of graduation.) F, S. The course will include reviews of the concepts from the core curriculum of biology. Seminars will be presented on biological research, on career opportunities, and on post-graduate educational planning. During the course the students' knowledge of biology will be assessed by laboratory presentations and the internal and external exit exams.

TO:

499 Biology Capstone Seminar (1:2) (Prerequisite: 16 hours in biology or permission of the department.) F, S. Capstone class for Biology majors. Topics will focus on preparation for careers after graduation in the biological sciences, including science jobs, professional school, and graduate school. Students will gain proficiencies in professional communication, resume building, and interview skills.

Rationale for F:

This change is being introduced to allow students to engage this material earlier in their academic careers. They typically need to apply these skills during their senior years. By the time they are seniors, they are learning this information too late.

- G. **MODIFY** elective requirements on page 64 of the current catalog:

FROM:

Biology	33 hours
Biology 105/115L* or 107.....	4
Biology 103 and 104 may substitute for 105 and 115L with permission from the department	
Biology 106 or 108.....	4
Cellular Biology Block (either 301, 302, or 407).....	4
Organismal Biology Block (either 201, 202, 206, 207, 208, 209, 303, 307, 311, 312, 313, 315, or 320)	4
Ecology Block (either 308, 317, 318, 402, 411, or 412).....	4
Genetics Block (either 401 or 409).....	4
Biology Elective.....	4
Biology Elective.....	4
Senior Seminar (499).....	1

TO:

Biology	33 hours
Biology 105/115L* or 107.....	4
Biology 103 and 104 may substitute for 105 and 115L with permission from the department	
Biology 106 or 108	4
Cellular Biology Block (either 301, 302, or 407).....	4
Organismal Biology Block (either 201, 202, 206, 207, 208, 209, 303, 307, 311, 312, 313, or 315)	4
Ecology Block (either 308, 317, 318, 402, 411, or 412).....	4
Genetics Block (either 401, 403, or 409).....	4
Biology Elective.....	4
Biology Elective.....	4
Biology Capstone Seminar (499).....	1

Rationale for G:

Updating the major list to reflect changes made in C-F.

H. **MODIFY** on page 73 of the current catalog the four-year plan for biology majors with chemistry minor or collateral:

FROM:

Junior Year			
Course	Fall Sem. Hrs.	Course	Spring Sem. Hrs.
Biology Elective	4	Biology (Cell, Developmental, or Immunology)	4

Physics 215	4	Physics 216	4
Social Science Elective	3	Social Science	3
Political Science 101 or 103 or other Social Science	3	2 nd Collateral or Elective	3
Elective	3	Elective	3
Total Credits	17	Total Credits	17
Senior Year			
Course	Fall Sem. Hrs.	Course	Spring Sem. Hrs.
Biology (Ecology) or Biology (Genetics or Evolution)	4	Biology (Ecology) or Biology (Genetics or Evolution)	4
2 nd Collateral or Chemistry	3 or 4	2 nd Collateral or Elective	3 or 4
Humanities Elective	3	Elective	3
Elective	3	Elective	3
Elective	3	Biology 499	1
Total Credits	16-17	Total Credits	14-15
Total Hours Required for Degree – 120			

TO:

Junior Year			
Course	Fall Sem. Hrs.	Course	Spring Sem. Hrs.
Biology Elective	4	Biology (Cell, Developmental, or Immunology)	4
Physics 215	4	Physics 216	4
Social Science Elective	3	Social Science	3
Political Science 101 or 103 or other Social Science	3	2 nd Collateral or Elective	3
Elective	3	Biology 499	1
Total Credits	17	Total Credits	15
Senior Year			
Course	Fall Sem. Hrs.	Course	Spring Sem. Hrs.
Biology (Ecology) or Biology (Genetics or Evolution)	4	Biology (Ecology) or Biology (Genetics or Evolution)	4
2 nd Collateral or Chemistry	3 or 4	2 nd Collateral or Elective	3 or 4
Humanities Elective	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3

Total Credits	16-17	Total Credits	16-17
Total Hours Required for Degree – 120			

- I. **MODIFY** on page 77 of the current catalog the four-year plan for the Veterinary Studies option:

FROM:

FOUR YEAR PLAN FOR **VETERINARY STUDIES MAJORS: WITH A CHEMISTRY MINOR OR TWO COLLATERALS**

Senior Year			
Course	Fall Sem. Hrs.	Course	Spring Sem. Hrs.
Biology (Animal Behavior)	4	Biology (Genetics or Evolution)	4
Biology (Cell, Development, or Immunology)	4	Statistics (MATH 134 or BIOL 413)	3
Biology 499: Senior Seminar	1	Elective	3
2 nd Collateral or Elective	3	Elective	3
Elective	3	Elective	3
Total Credits	15	Total Credits	16
Total Hours Required for Degree – 120			

TO:

FOUR YEAR PLAN FOR **BIOLOGY MAJORS: VETERINARY STUDIES OPTION WITH A CHEMISTRY MINOR OR TWO COLLATERALS**

Senior Year			
Course	Fall Sem. Hrs.	Course	Spring Sem. Hrs.
Biology (Animal Behavior)	4	Biology (Genetics or Evolution)	4
Biology (Cell, Development, or Immunology)	4	Statistics (MATH 134 or BIOL 413)	3
Biology 499: Biology Capstone Seminar	1	Elective	3
2 nd Collateral or Elective	3	Elective	3
Elective	3	Elective	3
Total Credits	15	Total Credits	16

Total Hours Required for Degree – 120

J. **MODIFY** on page 78 of the current catalog the four-year plan Environmental Science majors:

FROM:

Junior Year			
Course	Fall Sem. Hrs.	Course	Spring Sem. Hrs.
Humanities Elective	3	History	3
Geography 105 or 215	3	Environmental Science 201	3
Biology 210	4	Political Science Elective	3
Chemistry 203	4	Sociology 331, 351, or 388	3
		Chemistry 313	4
Total Credits	14	Total Credits	16
Senior Year			
Course	Fall Sem. Hrs.	Course	Spring Sem. Hrs.
Environmental Science 250	4	Biology Elective	4
Biology Elective	4	Open Elective	3
Physical Science 101	3	Open Elective	3
Environmental Science 499	4	Open Elective	3
Open Elective	3	Open Elective	3
Total Credits	15	Total Credits	16
Total Hours Required for Degree – 120			

TO:

Junior Year			
Course	Fall Sem. Hrs.	Course	Spring Sem. Hrs.
Humanities Elective	3	History	3
Geography 105 or 215	3	Environmental Science 201	3
Biology 210	4	Political Science Elective	3
Chemistry 203	4	Sociology 331, 351, or 388	3
Environmental Science 499	1	Chemistry 313	4
Total Credits	15	Total Credits	16

Senior Year			
Course	Fall Sem. Hrs.	Course	Spring Sem. Hrs.
Environmental Science 250	4	Biology Elective	4
Biology Elective	4	Open Elective	3
Physical Science 101	3	Open Elective	3
Open Elective	3	Open Elective	3
		Open Elective	3
Total Credits	14	Total Credits	16
Total Hours Required for Degree – 120			

Rationale for H - J:

Changes to the four-year plans to encourage students to take the capstone class earlier than they otherwise would. Item I also includes a correction on the title. The degree is an option and not a stand-alone major.

5. Proposal from the Department of English, Modern Languages, and Philosophy

- A. **ADD** on page 93 (or 94, depending on the results of recent changes) of the current catalog after Spanish 201 the following:

204 Fantasy Texts, Songs, and Comics (3) (Prerequisite: Completion of 201)
Students develop the core language skills and cultural knowledge at the intermediate level by working with important legends, fairy tales, songs, and comics written by Spanish and Latin American writers and artists.

Rationale for A:

FMU students requested this course on a recent survey. The course uses a themed approach to practicing language skills and learning cultures, combining diversity of narrative art from traditional to modern.

- B. **ADD** on page 94 of the current catalog after Spanish 304 the following:

305 Afro-American Latin American Literature (3) (Prerequisite: Completion of 201) Provides a panoramic study of writers of African descent living in or from Latin America, the Caribbean, and the United States. Through a variety of genres, the course studies the history and impact of the African diaspora in Latin America. Taught in Spanish with opportunities to read in both Spanish and English.

Rationale for B:

Spanish 305 addresses a void in the Spanish curriculum by focusing on literary production by writers of African descent in Latin America. The 201 prerequisite reflects the changes approved in the governing first cycle of this year, 2023. The course will be cross listed with the AAAS program.

This is not a new course, but rather a renumbering of an existing course. Sociology 419 (Population and Society) is being renumbered to a lower level to better reflect the level of difficulty of assignments in the course. The Registrar's Office has been consulted regarding the selection of the new course number.