

Dina Bozicas, Jennifer Gonzalez-Zugasti, Leslie Farris, Michael Geiger, Raj Kumar Gondle, Mary Kate Keyes, Ryan McPherson*, Walter Toomey, Wen Zhu, Kevin Petersen*, Julie Nash¹, Mai Nguyen¹, Yolanda Hood¹

*ex-officio, 1 non-voting

Minutes

https://uml.curriculog.com/agenda:174/form

Meeting of Undergraduate Policy Committee (UPC) of Faculty Senate

April 14, 2025 at 3:30-5:00 p.m. in Alumni Hall 102

- 1. **Minutes of UPC Meeting March 17, 2025** (*Mike Geiger*) https://uml.curriculog.com/proposal:2574/form Motion to approve by Dina Bozicas, seconded by Mary Kate Keyes, Approved: Yes 8, No 0
- 2. Policy Proposals
 - UML Graduate Credit Transfer Policy (Yi Yang & Bradley Mingels) Change University-Level Policy
 https://uml.curriculog.com/proposal:2376/form Proposed policy would allow students pursuing concurrent master's degrees to count up to nine (9) credits toward both degrees if a formal concurrent program agreement is in place. Change driven by student demand—particularly MSEM students interested in the MBA—and aligns with peer institutions while maintaining academic integrity, also providing more flexible, cost-effective pathway for students pursuing multiple UML master's degrees. Motion to approve by Mary Kate Keyes, seconded by Leslie Farris, Approved: Yes 8, No 0
 - 2. FAHSS Career Connected Experience Requirement (Alice Frye) Request New College-Level Policy https://uml.curriculog.com/proposal:2518/form Proposal to require all FAHSS students to complete a career connected experience, thus aligning with Chancellor Chen's guarantee that all UML students will have such an opportunity. Discussion revolved around how students would get credit for this experience, how such experiences could be tagged, and the role of the TIE Hub. Motion to approve by Wen Zhu, seconded by Mary Kate Keyes, Approved: Yes 8, No 0

3. Program Proposals

1. **B.A.** Education – Elementary and Moderate Disabilities (*Katherine King*) – Change Plan

https://uml.curriculog.com/proposal:2430/form Replace two literacy courses with EDUC.2600 Language & Reading Development and EDUC.4620 Literacy Instruction & Assessment in the Elementary Classroom; change English 3/4xxx elective to English 2/3/4xxx elective to support transfers; move two courses within pathway. This proposal was initially tabled in April, as Mike erroneously forgot to invite Katherine King to the meeting. We followed up with her via email and asked questions about removing EDUC.2000 as a prerequisite for other courses since it's being removed from the pathway (it will be removed as a prereq) and a typo in the course number of EDUC.4620 (was listed as 4600). Approved: Yes 8, No 0

2. **B.S.E.** Chemical Engineering – Bioengineering (*Zhiyong Gu & Eric Maase*) – Change Plan

https://uml.curriculog.com/proposal:2522/form Add ENGN.2100 Professional Development Seminar (1-credit) as a required course; add undergraduate seminars (CHEN.2000/3000/4000); add new course CHEM.2240 Industrial Organic Chemistry in place of CHEM.2220; add additional electives; update incorrect course names & numbers; change credits from 128 to 129. Addressed a question about transfer students allowing Organic Chemistry 2. Motion to approve by Jennifer Gonzalez-Zugasti, seconded by Walter Toomey, Approved: Yes 8, No 0

3. B.S.E. Chemical Engineering – General (Zhiyong Gu & Eric Maase) – Change Plan

https://uml.curriculog.com/proposal:2454/form Change name to "Conventional Option"; add ENGN.2100 Professional Development Seminar (1-credit) as a required course; add undergraduate seminars (CHEN.2000/3000/4000); add new course CHEM.2240 Industrial Organic Chemistry in place of CHEM.2220; add additional electives; update incorrect course names & numbers; change credits from 128 to 129. Motion to approve by Mary Kate Keyes, seconded by Raj Kumar Gondle, Approved: Yes 8, No

4. B.S.E. Chemical Engineering – Nanomaterials Engineering (Zhiyong Gu & Eric Maase) – Change Plan

https://uml.curriculog.com/proposal:2521/form Change name to "Advanced Materials"; add ENGN.2100 Professional Development Seminar (1-credit) as a required course; add undergraduate seminars (CHEN.2000/3000/4000); add new course CHEM.2240 Industrial Organic Chemistry in place of CHEM.2220; add CHEN.5080 Advanced Materials; add additional electives; update incorrect course names & numbers; change credits from 128 to 129. Motion to approve by Wen Zhu, seconded by Jennifer Gonzalez-Zugasti, Approved: Yes 8, No 0

- 5. B.S.E. Chemical Engineering Nuclear Engineering (Zhiyong Gu, Eric Maase, & Stephen Lam) Change Plan https://uml.curriculog.com/proposal:2538/form Add ENGN.2100 Professional Development Seminar (1-credit) as a required course; add undergraduate seminars (CHEN.2000/3000/4000); add new course CHEM.2240 Industrial Organic Chemistry in place of CHEM.2220; move ENGY courses one semester forward; add additional electives; update incorrect course names & numbers; change credits from 134 to 135. Motion to approve by Walter Toomey, seconded by Dina Bozicas, Approved: Yes 8, No 0
- 6. **B.S.E.** Computer Engineering (*Ryan McPherson & Mike Geiger*) Change Plan https://uml.curriculog.com/proposal:2441/form Add *ENGN.2100 Professional Development Seminar* (1-credit) as a required course; replace Chemistry I + Lab with *EECE.4330 Electronic Materials*; replace Electronics II + Lab with new *EECE.3500 Digital System Design*; add new *EECE.3230 Algorithm Analysis and Design*; change credits from 124 to 125. Committee did discuss ongoing issue with faculty of record in ENGN.2100. Motion to approve by Walter Toomey, seconded by Mary Kate Keyes, Approved: Yes 8, No 0
- 7. **B.S.E.** Electrical Engineering (Ryan McPherson & Mike Geiger) Change Plan https://uml.curriculog.com/proposal:2456/form Add ENGN.2100 Professional Development Seminar (1-credit) as a required course; replace Chemistry I and Lab with EECE.4330 Electronic Materials; replace EECE.3550 Electromechanics requirement with choice between Electromechanics and new EECE.4200 Computer-Aided Simulation and Design. Motion to approve by Dina Bozicas, seconded by Mary Kate Keyes, Approved: Yes 8, No 0
- 8. B.S.E. Electrical Engineering with Additional Major in Computer Science (*Mike Geiger*) Change Plan

 https://uml.curriculog.com/proposal:2252/form Add *ENGN.2100 Professional Development Seminar* (1-credit) as a required course during Fall semester of Sophomore year; Change the number of credits from 139 to 140; Update Fall semester of Junior year course from "PHIL.3340 Engineering and Ethics" to "PHIL.2410 Engineering and Ethics" as the course number has changed. Motion to approve by Mary Kate Keyes, seconded by Wen Zhu, Approved: Yes 8, No 0
- 9. B.S.E. Electrical Engineering with Additional Major in Physics (Mike Geiger) Change Plan

 https://uml.curriculog.com/proposal:2222/form Add ENGN.2100 Professional

 Development Seminar (1-credit) as a required course during Fall semester of
 Sophomore year; Change the number of credits from 138 to 139; Update Fall
 semester of Junior year course from "PHIL.3340 Engineering and Ethics" to
 "PHIL.2410 Engineering and Ethics" as the course number has changed. Motion to
 approve by Mary Kate Keyes, seconded by Jennifer Gonzalez-Zugasti, Approved:
 Yes 8, No 0

10. Minor – Nuclear Engineering (Eric Maase & Stephen Lam) – Change Plan https://uml.curriculog.com/proposal:2537/form Update required courses to ensure students learn the minimum to provide an effective understanding of the foundations of nuclear energy. The updated requirements are necessary prior to enrolling in a nuclear design class, which is being removed as a requirement for the minor and transitioning to the 5000 level as a capstone experience. Discussion noted that new electives currently have no course numbers. Motion to approve by Jennifer Gonzalez-Zugasti, seconded by Mary Kate Keyes, Approved: Yes 8, No 0

11. Minor – Population Health Informatics and Technology (Karyn Heavner) – Change Plan

https://uml.curriculog.com/proposal:2542/form Remove requirement that students take two courses outside the college housing their major, add additional options for electives, and include course offerings related to the use of informatics and information technology for substance use research. Change catalog description to better reflect content of minor with updates. Motion to approve by Dina Bozicas, seconded by Mary Kate Keyes, Approved: Yes 8, No 0

- 12. Certificate in Information Technology (Yelena Rykalova) Change Plan https://uml.curriculog.com/proposal:2493/form Add INFO.2670 C Programming, INFO.2750 Introduction to Networking, INFO.2785 Introduction to Operating Systems to requirements and remove INFO.2020 Microsoft Office to provide more comprehensive intro to IT field; update elective list to make it more concise and relevant to IT field, as well as align with prerequisites for MSIT program. Motion to approve by Walter Toomey, seconded by Leslie Farris, Approved: Yes 8, No 0
- 13. Certificate in Java Development (Yelena Rykalova) Phase Out Plan https://uml.curriculog.com/proposal:2480/form Phase out certificate due to consistently low enrollment by Fall 2025. Motion to approve by Mary Kate Keyes, seconded by Wen Zhu, Approved: Yes 8, No 0
- 14. Certificate in Multimedia Applications (Yelena Rykalova) Phase Out Plan https://uml.curriculog.com/proposal:2433/form Phase out certificate due to consistently low enrollment by Fall 2025. Motion to approve by Mary Kate Keyes, seconded by Wen Zhu, Approved: Yes 8, No 0
- 15. Certificate in UNIX/Linux Operating Systems (Yelena Rykalova) Phase Out Plan

https://uml.curriculog.com/proposal:2481/form Phase out certificate due to consistently low enrollment by Fall 2025. Motion to approve by Mary Kate Keyes, seconded by Raj Kumar Gondle, Approved: Yes 8, No 0

- 16. Certificate in Contemporary Communications (Katie Shrieves) Phase Out Plan https://uml.curriculog.com/proposal:2476/form Pause admissions to certificate based on GPS recommendation; doing so will allow English department to reassess certificate relevance and explore reintegrating it later, possibly with focus on digital literacy. Motion to approve by Mary Kate Keyes, seconded by Wen Zhu, Approved: Yes 8, No 0
- 17. **BFA Art Studio Art** (*Caitlin Foley*) **Change List of Approved Electives**https://uml.curriculog.com/proposal:2517/form Remove courses from elective list that have become requirements; update names of courses that have changed; add new courses to give students more options. Motion to approve by Dina Bozicas, seconded by Mary Kate Keyes, Approved: Yes 8, No 0
- 18. B.S. Public Health Community Health/Health Promotion (Nicole Champagne) Change List of Approved Electives

 https://uml.curriculog.com/proposal:2544/form Add several courses to list of possible Public Health Electives. Discussion noted that the degree pathway does not show those courses; Nicole Champagned provided an updated list after the meeting. Motion to approve by Wen Zhu, seconded by Dina Bozicas, Approved: Yes 8, No 0
- 19. B.S. Public Health Health Sciences (Nicole Champagne) Change List of Approved Electives https://uml.curriculog.com/proposal:2551/form Add several courses to list of possible Public Health Electives.
- 4. Course Proposals

New Courses

- 1. CHEM.2240 Industrial Organic Chemistry (Khalilah Reddie) New Course https://uml.curriculog.com/proposal:2498/form This course provides an alternative to traditional Organic Chemistry II, tailored for chemical engineering students. The course starts with the basics of small organic chemicals and their industrial applications, gradually progressing to more complex topics, including industrial polymers. Students will learn about the synthesis, properties, and industrial significance of both small molecules and polymers, preparing them for real-world applications in various industries.
- 2. **EECE.3230 Algorithm Analysis and Design** (*Mike Geiger*) New Course https://uml.curriculog.com/proposal:2462/form Design, analysis, and application of computing algorithms. Students will practice algorithm design to solve complex computing problems. Exploration of algorithmic paradigms such as greedy algorithms, divide and conquer algorithms, and dynamic programming. Traditional search and ordering techniques and scalability of data structures.

- 3. **EECE.3500 Digital Systems Design** (Ryan McPherson) New Course https://uml.curriculog.com/proposal:2460/form Design methodologies for combinational and sequential logic circuits and systems. Introduction to simulation and synthesis tools using Hardware Description Language (HDL). CMOS circuit structure and electrical characteristics. Overview of FPGA structure. Hands on projects using FPGAs. Course description updated to spell out abbreviations
- 4. **EECE.4200 Computer-Aided Simulation and Design** (*Mike Geiger*) New Course https://uml.curriculog.com/proposal:2362/form This course prepares students with working knowledge and skills in simulation and computational softwares that are extensively used for the development of electrical and electronics systems, such as MATLAB, Simulink, Simscape and LTspice. Simulation models will be constructed using different softwares for various real-world application examples such as analog/digital filters, batteries, electromechanical systems, AC-DC, DC-DC power converters, photovoltaic systems, and wind turbine generators. Through this course, students will gain proficiency in using these softwares, as well as experience in simulation and design of electrical and electronics systems for intended function and desirable performance. Students will also learn tools for processing/analyzing the simulation data, generating images for demonstration and presentation. There will be lecture labs where the students follow the examples in the lecture to construct simulation models on their computers. *Course description updated to remove details appropriate for syllabus only*.
- 5. ENGL.3375 Psychology and Stories We Tell (TBD) New Course https://uml.curriculog.com/proposal:2475/form This course explores the psychological dimensions of storytelling in culture, literature, and film, examining how narratives reveal the workings of the mind, identity, memory, fantasy, desire, trauma, power, and love. Drawing from canonical works in psychology and critical theory, we will investigate how the stories we, as well as fiction writers and filmmakers, tell reveal and help shape the foundational workings of self and society. Readings may include Freud, Lacan, Winnicott, Fanon, Mulvey, Žižek, and other contemporary psychoanalytic thinkers, alongside films and literary works that engage psychological themes.
- 6. **ENGL.3693 Reading and Writing in the Age of Artificial Intelligence** (Katie Shrieves) New Course https://uml.curriculog.com/proposal:2489/form This course examines how artificial intelligence is reshaping reading, writing, and literacy across academic, professional, and creative contexts. Students will critically engage with AI tools for summarization, analysis, and composition while assessing their limitations, ethical risks, and impact on authorship.

7. HONR.3301 Creative Collaboration and Play Development (Rae Mansfield) – New Course https://uml.curriculog.com/proposal:2467/form This interdisciplinary course explores play development and creative collaboration, emphasizing devised theatre, textual adaptation, and improvisation. Students will workshop scripts through brainstorming, staged readings, and revisions. The course fosters transferable skills in project management, communication, and teamwork, making it valuable for students across disciplines. Participants will generate original dramatic writing, adapt texts, and collaborate on performance pieces in an interactive, exploratory format.

Discussion of this course and the other HONR courses (items 8-10) revolved around the problems with subject-specific courses coming from the Honors College without approval from the related colleges. The ownership of disciplinary expertise was a topic as well, with the ultimate recommendation being to have a meeting between the Honors College, Paula Haines, Julie Nash, and other appropriate parties. Motion to table the four courses by Dina Bozicas, seconded by Raj Kumar Gondle, Tabled: Yes 8, No 0

- 8. HONR.3310 Wives, Witches, and Weirdness: Early Modern England (*Rae Mansfield*) New Course https://uml.curriculog.com/proposal:2468/form This interdisciplinary Honors seminar explores the political, religious, and cultural landscape of England during the Tudor and Stuart reigns (1485-1714). Topics include monarchy, gender, witchcraft trials, economic changes, and religious reform, with a focus on primary sources. Scottish and Irish history, as well as the broader European context, are also examined. Students will engage in research, visual presentations, and analysis of historical texts to understand the complexity of this period and its lasting influence. *See item 7*.
- 9. **HONR.3330 Designing Your Life** (*Rae Mansfield*) New Course https://uml.curriculog.com/proposal:2470/form This course prepares motivated students to pursue their life-goals and achieve their potential by extending their intellectual development beyond their UML education. The course focuses on self-reflection, constructing effective fellowship and scholarship applications, gaining admission to graduate school, and identifying and preparing strategies to acquire the skills required for entry into careers in your field. The course includes creating personal statements, building résumés, preparing research proposals, and developing interview strategies. *See item 7*.
- 10. HONR.3350 Exploring History through Dance (Rae Mansfield) New Course https://uml.curriculog.com/proposal:2318/form Throughout history dance has been something that has been used to celebrate the best of times and the worst of times. Regardless of the emotion, dance is a place to explore, express and feel. This course has two aims: a place to allow students an opportunity to explore movement and dance techniques to express emotions or stories and to explore the history of dance at weddings, funeral processions, comedies, entertainment, as a means of protest, opportunities and more. Students in this class will explore different genres in dance

both in movement as well as in historical presence, including ballet, tap, jazz, lyrical, contemporary, and ballroom. Through this exploration students will also gain confidence, strength, and flexibility and explore expressing their emotions through movement and choreography. *See item 7*.

- 11. **HSCI.2190L** Emergency Medical Technician Lab (Mary Kate Keyes) New Course https://uml.curriculog.com/proposal:2535/form This laboratory course is the practical complement to classroom instruction. It emphasizes applying theoretical knowledge in real-world scenarios, covering life-saving interventions such as airway management, cardiopulmonary resuscitation (CPR), patient assessment (both medical and trauma), splinting, bandaging, and safe patient movement.
- 12. **INFO.2270 Introduction to Artificial Intelligence** (*Yelena Rykalova*) New Course https://uml.curriculog.com/proposal:2477/form Artificial Intelligence (AI) stands as one of the most groundbreaking technologies of the 21st century, revolutionizing various industries and reshaping daily life. From chatbots and virtual assistants to self-driving cars and medical diagnostics, AI enhances productivity, efficiency, and accuracy across numerous sectors. This undergraduate course offers an accessible and comprehensive introduction to AI, aimed at students keen on understanding the foundational concepts, practical applications, and broader implications of AI technology. By presenting a balanced view of AI's opportunities and challenges, this course prepares students to engage with this dynamic and rapidly evolving field.
- 13. MIST.2020 Emerging Technologies and Data Storytelling (Wen Zhu) New Course https://uml.curriculog.com/proposal:2428/form In this course, students will explore emerging technologies with a focus on generative AI tools, and learn how to use them responsibly within a business context. In parallel, they will develop essential data storytelling skills by working with visualization tools.
- 14. PUBH.3031 Big Data Appl in Substance Use Disorder Research (Karyn Heavner)

 New Course https://uml.curriculog.com/proposal:2545/form Healthcare today generates huge amounts of information that is commonly stored in large datasets, often referred to as "big data." Big data has revolutionized our ability to study health outcomes and healthcare delivery among diverse settings and populations. This is especially true in the field of substance use disorders (SUD) where other data sources may be limited due to challenges in enrolling and retaining people in research studies. However, the use of big data in SUD research requires special skills and understanding of the strengths and limitations of this powerful data source. This seminar will introduce students to these concepts.
- 15. WLSP.3530 Latin America on Screen (Maria Matz) New Course https://uml.curriculog.com/proposal:2429/form This course examines crucial moments in Latin American history through the lens of cinema, analyzing how film has represented, interpreted, and shaped the understanding of significant historical

events. Students will develop critical analysis skills while exploring the intersection between history, collective memory, and cinematic representation. Taught in Spanish.

16. WLSP.3945 Sports, Language, and Identity (Maria Matz, Oscar Ruiz Hernandez, or Danielle Boutwell) – New Course https://uml.curriculog.com/proposal:2482/form
This course (prerequisite: WLSP.2120 Spanish 4 and Culture or equivalent) develops advanced linguistic skills in Spanish while exploring the intersection of sports media, advertising, and Hispanic identity. Through authentic texts —such as sports journalism, advertisements, podcasts, broadcasts, documentaries, and social media—students will enhance vocabulary, grammatical accuracy, and critical analysis. The course addresses key questions: How do sports media portray Hispanic identity? How do advertisements influence cultural narratives? What role do athletes play in shaping national identities? Conducted entirely in Spanish, the course targets Advanced Mid proficiency (ACTFL Guidelines) by the end of semester and equips students with tools for academic and professional success.

Change Courses

- 17. ACCT.3030 Accounting Information Systems (MSB Representative) Change Course https://uml.curriculog.com/proposal:2505/form Add co-requisites: ACCT.3200 Corporate Financial Reporting II or ACCT.3020 Intermediate Accounting II
- 18. **ARTS.2420 Language of Video** (*Caitlin Foley*) Inactivate Course https://uml.curriculog.com/proposal:2527/form Inactivate course that has not been offered for several years.
- 19. **ARTS.2590 Papermaking** (*Caitlin Foley*) Inactivate Course https://uml.curriculog.com/proposal:2526/form Inactivate course that has not been offered for several years.
- 20. **ARTS.2730 Watercolor** (*Caitlin Foley*) Inactivate Course https://uml.curriculog.com/proposal:2525/form Inactivate course that has not been offered for several years.
- 21. **BIOL.2150 Introduction to Marine Biology** (Sarah Rozelle) Change Course https://uml.curriculog.com/proposal:2474/form Add pre-requisites: BIOL.1110 Principles of Biology I and BIOL.1120 Principles of Biology II; remove current corequisite lab, which is not currently offered.
- 22. CHEN.4000 Chemical Engineering Senior Seminar (Eric Maase & Zhiyong Gu) Change Course https://uml.curriculog.com/proposal:2250/form Add co-requisites: CHEN.4090 Engineering Economics and Process Analysis OR CHEN.4100 Plant Design; add enrollment requirement: Chemical Engineering Majors only

- 23. CIVE.2260 Geomatics (*Raj Gondle*) Change Course https://uml.curriculog.com/proposal:2399/form Add additional pre-requisite: CIVE.1070 Introduction to Engineering for Civil & Environmental Engineers
- 24. **ENGL.2070 English Studies in a Digital Environment** (*Katie Shrieves*) Change Course https://uml.curriculog.com/proposal:2488/form Retitle "Introduction to English Studies for Majors"; limit enrollment to English Studies or BLA-English students
- 25. ENGY.3310 Fundamentals of Nuclear Science and Engineering (Eric Maase) Change Course https://uml.curriculog.com/proposal:2539/form Renumber as ENGY.4310; change current co-requisite (Differential Equations) to pre-requisite
- 26. **HONR.4910 Honors Thesis Project Research** (*Rae Mansfield*) Change Course https://uml.curriculog.com/proposal:2052/form Retitle "Honors Thesis Project Placeholder" and update course description to clarify course is not credit-bearing.
- 27. **HSCI.1900** Chemistry of Health and the Environment (Mary Kate Keyes) Change Course https://uml.curriculog.com/proposal:2385/form Change course title to "Introductory Chemistry for Health Professionals" and change the catalog description.
- 28. **HSCI.1900L** Chemistry of Health and the Environment Laboratory (Mary Kate Keyes) Change Course https://uml.curriculog.com/proposal:2387/form Change course title to "Introductory Chemistry for Health Profs Lab"; change the catalog description, and remove the final exam requirement.
- 29. **HSCI.2190 Emergency Medical Technician** (*Mary Kate Keyes*) Change Course https://uml.curriculog.com/proposal:2534/form Add new lab course HSCI.2190L as co-requisite; add cumulative 2.7 GPA as enrollment requirement. *Addressed question regarding requisites*.
- 30. MATH.1310 Calculus I (Theresa Schille) Change Course https://uml.curriculog.com/proposal:2509/form Add MATH.1380 Calculus for the Life Sciences I as anti-requisite since content is too similar
- 31. MATH.1380 Calculus for the Life Sciences I (*Theresa Schille*) Change Course https://uml.curriculog.com/proposal:2507/form Add MATH.1310 Calculus I as antirequisite since content is too similar; update pre-requisite to remove inactive course MATH.1200
- 32. MUED.2490 Progressive Music Performance & Production Pedagogy (Seth Adams) Change Course https://uml.curriculog.com/proposal:2096/form Retitle "Community Music Education"; update course description; update credits from 1 to 3
- 33. NURS.3150 Health Promotion and Risk Reduction of Families II (Mary Kate Keyes) Change Course https://uml.curriculog.com/proposal:2536/form Add NURS.3140 as co-requisite

34. **NUTR.2310 Practice of Nutrition Professional** (Mary Kate Keyes) – Change Course https://uml.curriculog.com/proposal:2552/form Update course description

Motion to approve all course proposals except the tabled courses (7-10) by Walter Toomey, seconded by Dina Bozicas, Approved: Yes 8, No 0

5. Discussion

The meeting was adjuourned at 5:15 PM

Next UPC Meeting: Monday September 15, 2025 at 3:30-5:00pm in Alumni Hall 102.