**MINUTES --**\n**APPROVED**\n**UNIVERSITY UNDERGRADUATE CURRICULUM COMMITTEE**\n[https://unt.curriculog.com/agenda:315/form](https://unt.curriculog.com/agenda:315/form) \n**Wednesday, October 2, 2019** \n**3:00 p.m., Willis 250H**

**Voting:**

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<tr>
<th>Group</th>
<th>Representative</th>
<th>Departments</th>
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<tr>
<td>I</td>
<td>☒ Yayoi Takeuchi (WLLC)</td>
<td>AEAH, ADES, ASTU, JOUR, LING, PHIL, SPAN, TECM, WGST, WLLC</td>
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<td></td>
<td>☐ Tatiana Filosofova (WLLC)</td>
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<td>II</td>
<td>☒ Erin Miller (LIBR)</td>
<td>ENGL, INFO, LIBR, LITEC</td>
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<td>☐ Donna Arnold (LIBR)</td>
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<td>III</td>
<td>☒ Mary Ann Barber (MATH)</td>
<td>BMEN, CSCE, EENG, ENGR, MTSE, MEEN, MATH, PHYS</td>
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<td>☐ Haifeng Zhang (MEEN)</td>
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<td>IV</td>
<td>☒ Jessica Craig (CJUS)</td>
<td>BEHV, CJUS, ECON, EMDS, HNRS, INST, PADM, PSCI, PSYC, SOWK, TNTX</td>
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<td>☐ Glen Biglaiser (PSCI)</td>
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<td>☒ Ann Afflerbach (HTM)</td>
<td>ACCT, FIREL, HTM, ITDS, MDR, MGMT, MKTG, NC</td>
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<td>VI</td>
<td>☒ Julie Leventhal (EPSY)</td>
<td>COHE, EPSY, HIST, KHPR, TEAD</td>
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<td>☒ Judith Bradetich (EPSY)</td>
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<td>VII</td>
<td>☒ Katsura Aoyama (ASLP)</td>
<td>ANTH, ASLP, BIOL, CHEM, COMM, GEOG, RHAB, SOCI</td>
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<td>☒ Brandi Levingston (RHAB)</td>
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<td>VIII</td>
<td>☐ James Martin (MRTS)</td>
<td>DANC, MUSIC, MRTS</td>
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<td>☒ April Prince (MUSIC)</td>
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<td>At-Large</td>
<td>☐ Doug Campbell (LIBR)</td>
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**Non-Voting:**

- ☒ Denise Baxter (CVAD)  
- ☑ Mike McKay (CLASS-adv.)  
- ☒ Desiree Robison (COB)  
- ☑ Nandika D’Souza (ENG)  
- ☐ Luwis Mhlanga (CMHT)  
- ☐ Peggy Shadduck (NC)  
- ☐ Jaymee Haefner (VPAA)  
- ☐ Thomas Miles (OCCC)  
- ☐ Hillary Shah (SGA)  
- ☑ Lisa Maxwell (Sen. Adv.)  
- ☐ Yolian Ogbu (SGA)  
- ☐ Hanlyn Tyler (SGA)  
- ☐ Brian McFarlin (COED)  
- ☐ John Quintanilla (COS)  
- ☐ Kim Wells (REG)  
- ☐ Lauren Mathews (CHPS)  
- ☐ Eddie Meaders (CLASS)

I. VPAA INFORMATION ITEMS

I-1 Introduction of Brenda Kihl, Vice Provost for Curricular Innovation and Academic Partnerships

I-2 Introduction of new UUCC committee members

I-3 Introduction of Academic Advisors who will attend the UUCC meetings as non-voting members. Our agendas will also go to the Senior Advising Group in an effort to identify cross-curricular impacts before UUCC votes take place. A message was also sent to the deans, encouraging participation of advisors on local curricular committees.

- Lisa Maxwell, Chair of Senior Advising Group (SAG)
- Mike McKay (CLASS)
- Des Robison (RCoB)

I-4 Curriculog discussion: Kim Wells/Katy McDaniel/Monique Scales

I-5 Please send updated curricular committee contact information to Julie Leventhal: Julie.leventhal@unt.edu. Julie and Jaymee will be scheduling visits with individual units on campus to discuss curricular procedures and processes beginning in November.

I-6 Proposals after the October meeting will be added to the 2021-2022 catalog. If an exception is warranted, it will need approval from the UUCC co-chairs. Please email the co-chairs directly.

I-7 Reminder to send a representative from your unit to UUCC meetings when you have items on the agenda. We will ask if there is a representative who can speak when questions arise, and items may be held to be discussed on a future meeting if no representative is present for discussion.

I-8 Core information items: Adam Wear

Items that are struck through were not voted on at the meeting.

II. REQUEST FOR NEW COURSE

New College APPROVED

II-1 ACSO 3030—Applied Linear Algebra—New Course (Catalog year effective 2020-21)
II-2 ACSO - 3810 - Analytics Internship—New Course (Catalog year effective 2020-21)

II-3 ACSO - 4230 - Data Analytics and Computational Statistics—New Course (Catalog year effective 2020-21)

II-4 ACSO - 4240 - Principles of Structures, Harvesting, and Wrangling—New Course (Catalog year effective 2020-21)

II-5 ACSO - 4340 - Methods for Discovery and Learning from Data—New Course (Catalog year effective 2020-21)

II-6 ACSO - 4410 - Introduction to Stochastic Processes—New Course (Catalog year effective 2020-21)

II-7 ACSO - 4510 - Deterministic Modeling for Operations Research—New Course (Catalog year effective 2020-21)

II-8 ACSO - 4520 - Stochastic Modeling for Operations Research—New Course (Catalog year effective 2020-21)

II-9 ACSO - 4610 - Applications in Analytics and Operations Research I—New Course (Catalog year effective 2020-21)

II-10 ACSO - 4620 - Applications in Analytics and Operations Research II—New Course (Catalog year effective 2020-21)

II-11 ACSO - 4910 - Analytical and Computational Capstone—New Course (Catalog year effective 2020-21)

II-12 SPDA - 2010 - Applied Industry Seminar: Introduction to Decision Making—New Course (Catalog year effective 2020-21)

II-13 SPDA - 2011 - Internship Project Management—New Course (Catalog year effective 2020-21)

II-14 SPDA - 2020 - Connections I - Collaborative Thinking—New Course (Catalog year effective 2020-21)

II-15 SPDA - 2021 - Connections I: Introduction to Collaborative thinking Lab —New Course (Catalog year effective 2020-21)—New Course (Catalog year effective 2020-21)

II-16 SPDA - 3010 - Applied Industry Seminar: Operational Decision Making—New Course (Catalog year effective 2020-21)

II-17 SPDA - 3011 - Internship Project and Design—New Course (Catalog year effective 2020-21)

II-18 SPDA - 3020 - Connections II: Professional Communication—New Course (Catalog year effective 2020-21)
II-19 SPDA - 3021 - Connections II Professional Communications Lab—New Course (Catalog year effective 2020-21)

II-20 SPDA - 3120 - Connections III: Problem Analysis —New Course (Catalog year effective 2020-21)

II-21 SPDA - 3121 - Connections III Problem Analysis Lab—New Course (Catalog year effective 2020-21)

II-22 SPDA - 3220 - Connections IV Team Creativity —New Course (Catalog year effective 2020-21)

II-23 SPDA - 3221 - Connections IV Team Creativity Lab —New Course (Catalog year effective 2020-21)

II-24 SPDA - 4010 - Applied Industry Seminar: Strategic Decision Making—New Course (Catalog year effective 2020-21)

II-25 SPDA - 4011 - Internship Strategic Analysis—New Course (Catalog year effective 2020-21)

II-26 SPDA - 4020 - Connections V Global Design—New Course (Catalog year effective 2020-21)

II-27 SPDA - 4021 - Connections V Global Design Lab—New Course (Catalog year effective 2020-21)

II-28 SPDA - 4120 - Connections VI Thinking in Leadership —New Course (Catalog year effective 2020-21)

II-29 SPDA - 4121 - Connections VI Thinking in Leadership Lab—New Course (Catalog year effective 2020-21)

II-30 STCC - 3011 - Digital Systems Literacy (Foundation)—New Course (Catalog year effective 2020-21)

II-31 STCC - 3012 - Quantitative Systems Literacy (Foundation)—New Course (Catalog year effective 2020-21)

II-32 STCC - 3013 - Human Creative Enterprise Literacy (Foundation)—New Course (Catalog year effective 2020-21)

II-33 STCC - 3014 - Communication and Connection Systems Literacy (Foundation)—New Course (Catalog year effective 2020-21)

II-34 STCC - 3015 - Commerce, Analysis and Project Management Literacy (Foundation)—New Course (Catalog year effective 2020-21)

II-35 STCE - 3040 - Project and Performance Management—New Course (Catalog year effective 2020-21)

II-36 STCE - 3050 - Business Case Analysis —New Course (Catalog year effective 2020-21)
STCE - 4050 - Advanced Project Management—New Course (Catalog year effective 2020-21)

STCE - 4070 - Generating Network Value for Buyers, Suppliers and Stakeholders—New Course (Catalog year effective 2020-21)

STCT - 3060 - Theory and Science of High Performance: Individuals—New Course (Catalog year effective 2020-21)

STCT - 3061 - Theory and Science of High Performance: Individual Lab—New Course (Catalog year effective 2020-21)

STCT - 3900 - High performance Teams Internship: Individual—New Course (Catalog year effective 2020-21)

STCT - 4060 - Theory and Science of High Performance Teams—New Course (Catalog year effective 2020-21)

STCT - 4061 - Theory and Science of High Performance Teams Lab—New Course (Catalog year effective 2020-21)

STCT - 4080 - Distributed Leadership—New Course (Catalog year effective 2020-21)

STCT - 4091 - Capstone in High Performance Teams: Application to Commerce—New Course (Catalog year effective 2020-21)

STPA - 3040 - Career Survey of Policy and Analysis—New Course (Catalog year effective 2020-21)

STPA - 3050 - Public Interest Design I: Triple Bottom Line—New Course (Catalog year effective 2020-21)

STPA - 3060 - Quantitative Methods in Policy I—New Course (Catalog year effective 2020-21)

STPA - 3080 - Project Management for Policy—New Course (Catalog year effective 2020-21)

STPA - 3081 - Policy Workshop—New Course (Catalog year effective 2020-21)

STPA - 4020 - Game Theory, Political Institutions, and Wealth Distribution—New Course (Catalog year effective 2020-21)

STPA - 4031 - Quantitative Methods in Policy II—New Course (Catalog year effective 2020-21)

STPA - 4050 - Public Interest Design II—New Course (Catalog year effective 2020-21)

STPA - 4051 - Public Policy Analysis—New Course (Catalog year effective 2020-21)
II-55  STPA - 4080 - Engineering Understanding of Privacy—New Course (Catalog year effective 2020-21)

II-56  STPA - 4081 - Privacy, Policy and the New Economy—New Course (Catalog year effective 2020-21)

II-57  STPA - 4082 - Privacy as a Market—New Course (Catalog year effective 2020-21)

II-58  STPA - 4090 - Policy and Analysis Capstone—New Course (Catalog year effective 2020-21)

II-59  STPA - 4900—Policy and Analysis Internship—New Course (Catalog year effective 2020-21)

College of Engineering

Department of Biomedical Engineering APPROVED

II-60  BMEN - 4314 - Tissue Engineering —New Course (Catalog year effective 2020-21)

II-61  BMEN - 4319 - Cardiovascular flows —New Course (Catalog year effective 2020-21)

Department of Computer Science and Engineering APPROVED

II-62  CSCE - 1035 - Computer Programming I—New Course (Catalog year effective 2020-21)

II-63  CSCE - 1045 - Computer Programming II—New Course (Catalog year effective 2020-21)

II-64  CSCE - 2550 - Foundations of Cybersecurity—New Course (Catalog year effective 2020-21)

II-65  CSCE - 4357 - Database Systems Security—New Course (Catalog year effective 2020-21)

II-66  CSCE - 4565 - Secure Software Systems—New Course (Catalog year effective 2020-21)

II-67  CSCE - 4570 - Information Privacy—New Course (Catalog year effective 2020-21)

II-68  CSCE - 4575 - Blockchain and Applications—New Course (Catalog year effective 2020-21)

II-69  CSCE - 4907 - Cybersecurity Capstone I—New Course (Catalog year effective 2020-21)
II-70  CSCE - 4927 - Cybersecurity Capstone II—New Course (Catalog year effective 2020-21)

**Department of Engineering Technology APPROVED**

II-71  MEET - 4140 - Engineering Vibration in Mechanical Systems —New Course (Catalog year effective 2020-21)

**Department of Mechanical and Energy Engineering APPROVED**

II-72  MEEN - 4710 - Polymer Additive Manufacturing: Materials, Manufacturing and Performance—New Course (Catalog year effective 2020-21)

II-73  MEEN - 4720 - Advanced Experimental Design and Analysis in Engineering—New Course (Catalog year effective 2020-21)

II-74  MEEN - 4730 - Advanced Solid Mechanics—New Course (Catalog year effective 2020-21)

II-75  MEEN - 4740 - Feedback Controls of Dynamic Systems—New Course (Catalog year effective 2020-21)

II-76  MEEN - 4750 - Automotive Manufacturing Processes & Production Systems—New Course (Catalog year effective 2020-21)

II-77  MEEN - 4760 - Introduction to Robotics and Automation —New Course (Catalog year effective 2020-21)

II-78  MEEN - 4770 - Computational Fluid Dynamics—New Course (Catalog year effective 2020-21)

**College of Liberal Arts and Social Sciences APPROVED**

II-79  WGST - 3100 - LGBTQ Studies —New Course (Catalog year effective 2020-21)

**Department of Communication Studies APPROVED**

II-80  COMM - 4220 - Theories of Crisis Communication —New Course (Catalog year effective 2020-21)

**Department of Geography and the Environment APPROVED**

II-81  GEOG - 4530 - Digital Image Analysis —New Course (Catalog year effective 2020-21)

**Department of History APPROVED**

II-82  HIST - 4114 - Race and Gender in British Imperial Wars 1830-present —New Course (Catalog year effective 2020-21)
Department of Philosophy and Religion **APPROVED**

II-83 PHIL - 4250 - Climate Change —New Course (Catalog year effective 2020-21)

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**College of Music APPROVED**

II-84 MUAC - 1540 - Private Lessons (Concentration) in Electronics—New Course (Catalog year effective 2020-21)

II-85 MUAE - 3100 - Introduction to Digital Audio Workstation Techniques—New Course (Catalog year effective 2020-21)

II-86 MUAE - 2100 - Sound Engineering—New Course (Catalog year effective 2020-21)

II-87 MUAE - 3200 - Advanced Digital Audio Workstation Techniques—New Course (Catalog year effective 2020-21)

II-88 MUAE - 4100 - Mixing and Mastering—New Course (Catalog year effective 2020-21)

II-89 MUAE - 4200 - Album Making, Pre- to Post-Production—New Course (Catalog year effective 2020-21)

II-90 MUAG - 4310 - Science and Pedagogy of Singing—New Course (Catalog year effective 2020-21)

II-91 MUJS - 3950 - Advanced Songwriting—New Course (Catalog year effective 2020-21)

II-92 MULB - 1822 - Electronics Ensemble —New Course (Catalog year effective 2020-21)

II-93 MUTH - 3530 - Form in 20th- and 21st-Century Popular Song—New Course (Catalog year effective 2020-21)

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**College of Science APPROVED**

II-94 TNTX - 4150 - Conceptual Geometry —New Course (Catalog year effective 2020-21)

II-95 TNTX - 4200 - Conceptual Science —New Course (Catalog year effective 2020-21)

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**College of Visual Arts and Design APPROVED**

II-96 ART - 2020 - Digital Tools and Technologies for Creative Practice—New Course (Catalog year effective 2020-21)

II-97 ART - 3030 - Digital Communication for Art and Creative Entrepreneurship—New Course (Catalog year effective 2020-21)
III. REQUEST FOR EXPERIMENTAL COURSE

None.

IV. CHANGE IN EXISTING CORE CURRICULUM COURSE

College of Education

Department of Kinesiology, Health Promotion and Recreation APPROVED

IV-1 PHED - 1000 - Scientific Principles and Practices of Health-Related Fitness — change in contact hours (catalog year effective 2020-21)

College of Liberal Arts and Social Sciences

Department of English APPROVED

IV-2 ENGL - 2341 - Forms of Literature — change in course title, short course title, course number (from 2400), description, prerequisites, TCCNS number and foundational area (from Component Area Option B to Language, Philosophy and Culture) (catalog year effective 2020-21)

Department of Philosophy and Religion APPROVED

IV-3 PHIL - 2070 – World Religions — change in course title, short course title and description (from Great Religions) (catalog year effective 2020-21)

College of Science

Department of Mathematics APPROVED

IV-4 MATH - 1681 - Elementary Probability and Statistics with Algebra Review — change in contact hours and notes (catalog year effective 2020-21)

V. ADDITION OF COURSE TO CORE CURRICULUM

College of Engineering

Department of Computer Science and Engineering APPROVED

V-1 CSCE - 1010 - Discovering Computer Science — addition of course to Component Area Option B area of the Core (catalog year effective 2020-21)

College of Liberal Arts and Social Sciences
Department of English  
**APPROVED**

V-2  
ENGL - 2321 - British Literature— addition of course to Language, Philosophy and Culture area of the Core (catalog year effective 2020-21)

V-3  
ENGL - 2326 - American Literature— addition of course to Language, Philosophy and Culture area of the Core (catalog year effective 2020-21)

V-4  
ENGL - 2331 - World Literature— addition of course to Language, Philosophy and Culture area of the Core (catalog year effective 2020-21)

V-5  
ENGL - 2351 - Mexican American Literature— addition of course to Language, Philosophy and Culture area of the Core (catalog year effective 2020-21)

VI.  
DELETION OF COURSE FROM CORE CURRICULUM

None.

VII.  
ADD/DELETE DEGREE/MAJOR/PROFESSIONAL FIELD/CONCENTRATION/OPTION/ MINOR

New College  
**APPROVED**

VII-1  
Analytics and Computational Science, BS—Add major (Catalog year effective 2020-21)

VII-2  
Commerce and High Performance Teams, BS—Add major (Catalog year effective 2020-21)

VII-3  
Policy Analysis and Public Good, BS—Add major (Catalog year effective 2020-21)

VII-4  
Project Design and Analysis, BS—Add major (Catalog year effective 2020-21)

College of Engineering  
**APPROVED**

VII-5  
Additive and Digital Manufacturing certificate—Add certificate (Catalog year effective 2020-21)

Department of Engineering Technology

VII-6  
Construction Engineering Management, BS—Add major (Catalog year effective 2020-21)

Department of Mechanical and Energy Engineering  
**APPROVED**

VII-7  
Electromechanical Systems and Mechatronics certificate—Add certificate (Catalog year effective 2020-21)
College of Liberal Arts and Social Sciences

Department of Anthropology APPROVED
VII-8 Ethnic Studies minor—Delete minor (Catalog year effective 2020-21)

Department of Geography and the Environment APPROVED
VII-9 GeoPhoto: Imaging Technology and Visualization certificate—Add certificate (Catalog year effective 2020-21)

Department of Philosophy and Religion APPROVED
VII-10 Jain and India Studies certificate—Add certificate (Catalog year effective 2020-21)

College of Music APPROVED
VII-11 Music Business and Entrepreneurship minor—Add minor (Catalog year effective 2020-21)
VII-12 Jazz Studies, BM—Add Commercial Music emphasis (Catalog year effective 2020-21)

VIII. CHANGE IN PROGRAM

College of Liberal Arts and Social Sciences APPROVED
VIII-1 Jewish and Israel Studies minor—Change in requirements (Catalog year effective: 2020-21)
VIII-2 LGBTQ Studies minor—Change in title and requirements (from LGBT Studies minor) (Catalog year effective: 2020-21)

Department of Anthropology APPROVED
VIII-3 Anthropology minor—Change in requirements (Catalog year effective: 2020-21)
VIII-4 Applied Anthropology certificate—Change in requirements (Catalog year effective: 2020-21)

College of Science APPROVED
VIII-5 Mathematics and Science Secondary Teaching minor—Change in requirements (Catalog year effective: 2020-21)

Department of Biological Sciences APPROVED
VIII-6 Biological Sciences minor—Change in requirements (Catalog year effective: 2020-21)

**Department of Physics APPROVED**

VIII-7 Physics, BSPHY —Change in requirements and major hours (Catalog year effective: 2020-21)

**College of Visual Arts and Design**

**Department of Art Education and Art History APPROVED**

VIII-8 Art Education, BFA — Change in title, requirements and removal of college admission requirements (*from Visual Arts Studies, BFA*) (Catalog year effective: 2020-21)

VIII-9 Interdisciplinary Art and Design Studies with a concentration in Design Management, BA — Change in requirements, major hours and removal of college admission requirements (Catalog year effective: 2020-21)

**Department of Studio Art APPROVED**

VIII-10 Ceramics minor—Change in requirements (Catalog year effective: 2020-21)

VIII-11 Drawing and Painting minor—Change in requirements (Catalog year effective: 2020-21)

VIII-12 Metalsmithing and Jewelry minor—Change in requirements (Catalog year effective: 2020-21)

VIII-13 New Media Art minor—Change in requirements (Catalog year effective: 2020-21)

VIII-14 Photography minor—Change in requirements (Catalog year effective: 2020-21)

VIII-15 Printmaking minor—Change in requirements (Catalog year effective: 2020-21)

VIII-16 Sculpture minor—Change in requirements (Catalog year effective: 2020-21)

**IX. CHANGE IN EXISTING COURSE/COURSE DELETIONS**

**A. CHANGE IN EXISTING COURSE**

**College of Liberal Arts and Social Sciences**

**Department of Anthropology APPROVED**
ANTH - 4920 - Cooperative Education in Anthropology — Change in Repeat Status (repeatable to non-repeatable), semester credit hours (from 1-3 to 3), and notes (Catalog year effective 2020-21)

College of Science APPROVED

TNTX - 3100 - Conceptual Algebra — Change in course title, short course title, repeat status and description (from Conceptual Algebra and Geometry) (Catalog year effective 2020-21)

Department of Biological Sciences APPROVED

IX-A-3  BIOL - 2041 - Microbiology — Change in prerequisites and corequisites (Catalog year effective 2020-21)

IX-A-4  BIOL - 2042 - Microbiology Laboratory — Change in prerequisites and corequisites (Catalog year effective 2020-21)

IX-A-5  BIOL - 2140 - Principles of Ecology — Change in prerequisites (Catalog year effective 2020-21)

IX-A-6  BIOL - 2141 - Ecology Laboratory — Change in prerequisites (Catalog year effective 2020-21)

IX-A-7  BIOL - 2241 - Biology of Higher Plants — Change in prerequisites (Catalog year effective 2020-21)

IX-A-8  BIOL - 2251 - Biodiversity and Conservation of Animals — Change in prerequisites (Catalog year effective 2020-21)

IX-A-9  BIOL - 2311 - Human Anatomy and Physiology I Laboratory — Change in prerequisites and corequisites (Catalog year effective 2020-21)

IX-A-10 BIOL - 2312 - Human Anatomy and Physiology II Laboratory — Change in prerequisites and corequisites (Catalog year effective 2020-21)

IX-A-11 BIOL - 3080 - Physiological Bases of Exercise and Sport — Change in prerequisites (Catalog year effective 2020-21)

IX-A-12 BIOL - 3160 - Conservation Biology — Change in prerequisites (Catalog year effective 2020-21)

IX-A-13 BIOL - 3170 - Plants and Human Society — Change in prerequisites (Catalog year effective 2020-21)

IX-A-14 BIOL - 3850 - Introduction to Computational Life Science — Change in prerequisites (Catalog year effective 2020-21)

IX-A-15 BIOL - 4100 - Introduction to Environmental Impact Assessment — Change in prerequisites (Catalog year effective 2020-21)
IX-A-16  BIOL - 4810 - Biocomputing — Change in prerequisites (Catalog year effective 2020-21)

IX-A-17  BIOL - 4820 - Computational Epidemiology — Change in prerequisites (Catalog year effective 2020-21)

B.  COURSE DELETION

None.

X.  CONSENT CALENDAR  TAKEN AS WHOLE-- APPROVED

A.  REQUEST FOR EXPERIMENTAL COURSE

None.

B.  CHANGE IN PROGRAM

College of Liberal Arts and Social Sciences

X-B-1  Liberal Arts and Social Sciences degree requirements —Change in Requirements (Catalog year effective 2020-21)

Department of Anthropology

X-B-2  Anthropology, BA —Change in Requirements (Catalog year effective 2020-21)

Department of Communication Studies

X-B-3  Communication Studies, BA —Change in Requirements (Catalog year effective 2020-21)

Department of Geography and the Environment

X-B-4  Geography, BA —Change in Requirements (Catalog year effective 2020-21)

X-B-5  Geography, BS —Change in Requirements (Catalog year effective 2020-21)

Department of History

X-B-6  History, BA —Change in Requirements (Catalog year effective 2020-21)

Department of Media Arts

X-B-7  Converged Broadcast Media, BA —Change in Requirements (Catalog year effective 2020-21)
X-B-8 Media Arts, BA — Change in Requirements (Catalog year effective 2020-21)

**Department of Philosophy and Religion**
X-B-9 Philosophy, BA — Change in Requirements (Catalog year effective 2020-21)

**College of Science**

**Department of Biological Sciences**
X-B-10 Biology, BA — Change in Requirements (Catalog year effective 2020-21)
X-B-11 Biology, BSBIO — Change in Requirements (Catalog year effective 2020-21)
X-B-12 Ecology for Environmental Science, BS — Change in Requirements (Catalog year effective 2020-21)
X-B-13 Medical Laboratory Sciences, BSMLS — Change in Requirements (Catalog year effective 2020-21)

**College of Visual Arts and Design**
X-B-14 Admission to the College of Visual Arts and Design — Remove college admission requirements (Catalog year effective 2020-21)

**Department of Art Education and Art History**
X-B-15 Art History, BA — Remove college admission requirements (Catalog year effective 2020-21)
X-B-16 Interdisciplinary Art and Design Studies, BA — Remove college admission requirements and change in requirements (Catalog year effective 2020-21)
X-B-17 Interdisciplinary Art and Design Studies with a concentration in Arts Management, BA — Remove college admission requirements and change in requirements (Catalog year effective 2020-21)
X-B-18 Art Education pre-major — Change in title and requirements (from Visual Arts Studies pre-major) (Catalog year effective 2020-21)

**Department of Design**
X-B-19 Communication Design pre-major — Change in requirements (Catalog year effective 2020-21)
X-B-20 Communication Design with a concentration in Graphic Design, BFA — Change in requirements (Catalog year effective 2020-21)
X-B-21 Communication Design with a concentration in User-Experience Design, BFA — Change in requirements (Catalog year effective 2020-21)
X-B-22  Fashion design pre-major — Change in requirements (Catalog year effective 2020-21)

X-B-23  Fashion Design, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)

X-B-24  Interior Design pre-major — Change in requirements (Catalog year effective 2020-21)

X-B-25  Interior Design, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)

**Department of Design**

X-B-26  Studio Art with a concentration in Ceramics, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)

X-B-27  Studio Art with a concentration in Drawing and Painting, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)

X-B-28  Studio Art with a concentration in Metalsmithing and Jewelry, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)

X-B-29  Studio Art with a concentration in New Media Art, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)

X-B-30  Studio Art with a concentration in Photography, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)

X-B-31  Studio Art with a concentration in Printmaking, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)

X-B-32  Studio Art with a concentration in Sculpture, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)

C. **CHANGE IN EXISTING COURSE**

**College of Engineering**

**Department of Biomedical Engineering**

X-C-1  BMEN - 3310 - Engineering Measurements from Human Systems — Change in description (Catalog year effective 2020-21)
X-C-2  BMEN - 4310 – Biomedical Modeling — Add cross-listing (Catalog year effective 2020-21)

**Department of Computer Science and Engineering**

X-C-3  CSCE - 4610 - Computer Architecture — Change in prerequisites (Catalog year effective 2020-21)

**Department of Electrical Engineering**

X-C-4  EENG - 2610 - Circuit Analysis — Remove cross-listing (Catalog year effective 2020-21)

**Department of Engineering Technology**

X-C-5  ENGR - 2405 - Circuit Analysis — Remove cross-listing (Catalog year effective 2020-21)

**College of Health and Public Service**

**Department of Emergency Management and Disaster Science**

X-C-6  EADP - 3080 - Leadership and Organizational Behavior — Remove cross-listing (Catalog year effective 2020-21)

**Department of Public Administration**

X-C-7  PADM - 3020 - Public Management — Remove cross-listing (Catalog year effective 2020-21)

**College of Liberal Arts and Social Sciences**

**Department of Anthropology**

X-C-8  ANTH - 4011 - Anthropological Field Methods — Change in prerequisites (Catalog year effective 2020-21)

X-C-9  ANTH - 4751 - Anthropology of Religion—course title and short course title *(from Magic, Witchcraft and Religion)* (Catalog year effective 2020-21)

**College of Music**

X-C-10  MUAG - 1102 - High Brass Methods — Change in course title, short course title, repeat status (repeatable to non-repeatable) and description *(from Brass Class)* (Catalog year effective 2020-21)
X-C-11  MUAG - 1125 - Flute and Saxophone Methods — Change in course title, short course title, repeat status (repeatable to non-repeatable) and description (from Woodwinds Class) (Catalog year effective 2020-21)

X-C-12  MUAG - 1202 - Low Brass Methods — Change in course title, short course title, repeat status (repeatable to non-repeatable) and description (from Brass Class) (Catalog year effective 2020-21)

X-C-13  MUAG - 1225 - Clarinet, Oboe and Bassoon Methods — Change in course title, short course title, repeat status (repeatable to non-repeatable) and description (from Woodwinds Class) (Catalog year effective 2020-21)

X-C-14  MUCP - 1180 - Contemporary Materials and Techniques I — Change in course title and short course title (from Beginning Composition I) (Catalog year effective 2020-21)

X-C-15  MUCP - 1190 - Contemporary Materials and Techniques II — Change in course title and short course title (from Beginning Composition II) (Catalog year effective 2020-21)

X-C-16  MUCP - 3320 - Instrumentation — Change in course number (from MUCP 4310) (Catalog year effective 2020-21)

X-C-17  MUCP - 3670 - Introduction to Electroacoustic Music — Change in course number (from MUCP 4670) (Catalog year effective 2020-21)

X-C-18  MUCP - 4195 - Senior Composition Capstone Project — Change in course title, short course title and description (from Senior Composition Recital Capstone) (Catalog year effective 2020-21)

X-C-19  MULB - 1807 - Wind Orchestra — Change in course title and short course title (from Symphonic Band) (Catalog year effective 2020-21)

College of Science

Department of Biological Sciences

X-C-20  BIOC - 3621 - Principles of Biochemistry — Change in prerequisites (Catalog year effective 2020-21)

X-C-21  BIOC - 4540 - Biochemistry I — Change in prerequisites (Catalog year effective 2020-21)

X-C-22  BIOC - 4550 - Biochemistry II I — Change in prerequisites (Catalog year effective 2020-21)

X-C-23  BIOC - 4570 - Biochemistry and Molecular Biology of the Gene — Change in prerequisites (Catalog year effective 2020-21)

X-C-24  BIOL - 3000 - Comparative Anatomy of Vertebrates — Change in prerequisites (Catalog year effective 2020-21)
| X-C-25 | BIOL - 3030 - Careers in the Life Sciences — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-26 | BIOL - 3150 - Conservation Biology Laboratory — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-27 | BIOL - 3331 - Biomedical Criminalistics — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-28 | BIOL - 3381 - Medical Bacteriology — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-29 | BIOL - 3382 - Medical Bacteriology Laboratory — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-30 | BIOL - 3451 - Genetics — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-31 | BIOL - 3452 - Genetics Laboratory — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-32 | BIOL - 3510 - Cell Biology — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-33 | BIOL - 3520 - Cell Biology Laboratory — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-34 | BIOL - 3770 - Biotechnology — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-35 | BIOL - 3800 - Animal Physiology — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-36 | BIOL - 4000 - Plant Ecology — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-37 | BIOL - 4005 - Contemporary Topics in Biology — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-38 | BIOL - 4045 - Foundations of Ecological Theory — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-39 | BIOL - 4050 - Animal Ecology — Change in prerequisites (Catalog year effective 2020-21) |
| X-C-40 | BIOL - 4051 - Community Ecology — Change in prerequisites and corequisites (Catalog year effective 2020-21) |
| X-C-41 | BIOL - 4052 - Community Ecology Laboratory — Change in prerequisites and corequisites (Catalog year effective 2020-21) |
| X-C-42 | BIOL - 4055 - Ornithology — Change in prerequisites and corequisites (Catalog year effective 2020-21) |
X-C-43  BIOL - 4056 - Ornithology Laboratory — Change in prerequisites and corequisites (Catalog year effective 2020-21)
X-C-44  BIOL - 4057 - Mammalian Ecology and Evolution — Change in prerequisites (Catalog year effective 2020-21)
X-C-45  BIOL - 4070 - Insect Biology — Change in prerequisites (Catalog year effective 2020-21)
X-C-46  BIOL - 4080 - Radiation Safety — Change in prerequisites (Catalog year effective 2020-21)
X-C-47  BIOL - 4085 - Fish Diversity and Ecology — Change in prerequisites and contact hours (Catalog year effective 2020-21)
X-C-48  BIOL - 4091 - Parasitology — Change in prerequisites (Catalog year effective 2020-21)
X-C-49  BIOL - 4110 - Endocrinology — Change in prerequisites (Catalog year effective 2020-21)
X-C-50  BIOL - 4120 - Environmental Chemistry — Change in prerequisites (Catalog year effective 2020-21)
X-C-51  BIOL - 4130 - Economic Botany — Change in prerequisites (Catalog year effective 2020-21)
X-C-52  BIOL - 4160 - Advanced Techniques in Microbiology and Molecular Biology — Change in prerequisites (Catalog year effective 2020-21)
X-C-53  BIOL - 4180 - Techniques in Molecular Biology — Change in prerequisites (Catalog year effective 2020-21)
X-C-54  BIOL - 4201 - Immunology — Change in prerequisites (Catalog year effective 2020-21)
X-C-55  BIOL - 4220 - Neuropsychopharmacology — Change in prerequisites (Catalog year effective 2020-21)
X-C-56  BIOL - 4221 - Experimental Methodologies in Neuropsychopharmacology — Change in prerequisites (Catalog year effective 2020-21)
X-C-57  BIOL - 4230 - Cardio-respiratory Physiology — Change in prerequisites (Catalog year effective 2020-21)
X-C-58  BIOL - 4240 - Forensic Microscopy — Change in prerequisites (Catalog year effective 2020-21)
X-C-59  BIOL - 4250 - Pharmacology: Biological Basis of Drug Action — Change in prerequisites (Catalog year effective 2020-21)
X-C-60  BIOL - 4260 - Principles of Evolution — Change in prerequisites (Catalog year effective 2020-21)
X-C-61  BIOL - 4280 - Aquatic Botany — Change in prerequisites (Catalog year effective 2020-21)
X-C-62  BIOL - 4290 - Marine Biology — Change in prerequisites (Catalog year effective 2020-21)
X-C-63  BIOL - 4300 - Histology — Change in prerequisites (Catalog year effective 2020-21)
X-C-64  BIOL - 4320 - Integrative Molecular Physiology Laboratory — Change in prerequisites (Catalog year effective 2020-21)
X-C-65  BIOL - 4330 - Developmental Biology — Change in prerequisites (Catalog year effective 2020-21)
X-C-66  BIOL - 4370 - General Toxicology — Change in prerequisites (Catalog year effective 2020-21)
X-C-67  BIOL - 4375 - Molecular Toxicology — Change in prerequisites (Catalog year effective 2020-21)
X-C-68  BIOL - 4380 - Fundamentals of Aquatic Toxicology — Change in prerequisites (Catalog year effective 2020-21)
X-C-69  BIOL - 4400 - Wetland Ecology and Management — Change in prerequisites (Catalog year effective 2020-21)
X-C-70  BIOL - 4420 - Invertebrate Biology — Change in prerequisites (Catalog year effective 2020-21)
X-C-71  BIOL - 4440 - Stream Ecology — Change in prerequisites (Catalog year effective 2020-21)
X-C-72  BIOL - 4460 - Eukaryotic Genetics — Change in prerequisites (Catalog year effective 2020-21)
X-C-73  BIOL - 4480 - Medical Genetics — Change in prerequisites (Catalog year effective 2020-21)
X-C-74  BIOL - 4501 - Bacterial Diversity and Physiology — Change in prerequisites (Catalog year effective 2020-21)
X-C-75  BIOL - 4503 - Plant Physiology and Development — Change in prerequisites (Catalog year effective 2020-21)
X-C-76  BIOL - 4505 - Comparative Animal Physiology — Change in prerequisites (Catalog year effective 2020-21)
X-C-77  BIOL - 4530 - Virology — Change in prerequisites (Catalog year effective 2020-21)
X-C-78  BIOL - 4560 - Aquatic Insects of North America — Change in prerequisites (Catalog year effective 2020-21)
X-C-79  BIOL - 4570 - Biochemistry and Molecular Biology of the Gene — Change in prerequisites (Catalog year effective 2020-21)

X-C-80  BIOL - 4590 - Forensic Molecular Biology Laboratory — Change in prerequisites (Catalog year effective 2020-21)

X-C-81  BIOL - 4650 - Environmental Science Field Course — Change in prerequisites (Catalog year effective 2020-21)

X-C-82  BIOL - 4700 - Research Methods for Secondary Science Instruction — Change in prerequisites (Catalog year effective 2020-21)

X-C-83  BIOL - 4720 - Sediment Toxicology — Change in prerequisites (Catalog year effective 2020-21)

X-C-84  BIOL - 4751 - Neuroscience I: Cells and Circuits — Change in prerequisites (Catalog year effective 2020-21)

X-C-85  BIOL - 4752 - Neuroscience II: Brain and Plasticity — Change in prerequisites (Catalog year effective 2020-21)

X-C-86  BIOL - 4800 - Biological Sciences Seminar Series — Change in prerequisites (Catalog year effective 2020-21)

X-C-87  BIOL - 4801 - Microbial Genetics — Change in prerequisites (Catalog year effective 2020-21)

X-C-88  BIOL - 4805 - Biological Sciences Capstone Seminar — Change in prerequisites (Catalog year effective 2020-21)

College of Visual Arts and Design

X-C-89  ART - 4614 - Art and Business — Change in prefix and prerequisites (from AEAH 4614) (Catalog year effective 2020-21)

X-C-90  ART - 4940 - Understanding Art Museums — Change in prefix (from AEAH 4940) (Catalog year effective 2020-21)

Department of Art Education and Art History


X-C-92  AEAH - 3770 - Art Education: Computer Art Applications — Change in course title, short course title and prerequisites (from Visual Arts Studies: Computer Art Applications) (Catalog year effective 2020-21)

X-C-93  AEAH - 4750 - Art Education: Elementary Art Education Practices — Change in course title, short course title and prerequisites (from Visual Arts Studies: Constructing Visual Arts Practices) (Catalog year effective 2020-21)
X-C-94  AEAH - 4760 - Art Education: Global Aesthetics — Change in course title and short course title (from Visual Arts Studies: A Global Examination of Aesthetics) (Catalog year effective 2020-21)

X-C-95  AEAH - 4780 - Art Education: Secondary Art Education Practices — Change in course title, short course title and prerequisites (from Visual Arts Studies: Reflective Visual Arts Practices) (Catalog year effective 2020-21)

X-C-96  AEAH - 4790 - Art Education: Inquiry and Dialogue about Art — Change in course title, short course title and prerequisites (from Visual Arts Studies: Inquiry and Dialogue About Art) (Catalog year effective 2020-21)

X-C-97  AEAH - 4795 - Topics in Art Education — Change in course title and short course title (from Topics in Visual Arts Studies) (Catalog year effective 2020-21)

Department of Design

X-C-98  ADES - 1513 - Contextual Research Methods — Change in contact hours (Catalog year effective 2020-21)

X-C-99  ADES - 1540 - Foundations for Communication Design — Change in prerequisites (Catalog year effective 2020-21)

X-C-100  ADES - 1543 - Foundations of User-Centered Design — Change in prerequisites (Catalog year effective 2020-21)

X-C-101  ADES - 1560 – Fashion Design: Introduction to Industrial Sewing Techniques — Change in prerequisites (Catalog year effective 2020-21)

X-C-102  ADES - 2513 - Typographic Systems — Change in prerequisites and corequisites (Catalog year effective 2020-21)

X-C-103  ADES - 2518 - Design Prototyping and User Testing — Change in prerequisites and corequisites (Catalog year effective 2020-21)

X-C-104  ADES - 2550 - Fashion: Patternmaking I — Change in prerequisites (Catalog year effective 2020-21)

X-C-105  ADES - 2630 - Drawing for Interior Design — Change in prerequisites and notes (Catalog year effective 2020-21)

X-C-106  ADES - 2640 - Interior Design: Space Planning I — Change in prerequisites (Catalog year effective 2020-21)

X-C-107  ADES - 3513 - The Design of Visual Information — Change in course title and short course title (from Data Visualization and the Design of Information) (Catalog year effective 2020-21)

X-C-108  ADES - 3550 - Fashion: Draping — Change in description and prerequisites (Catalog year effective 2020-21)
X-C-109  ADES - 4523 - Advanced UX Campaigns — Change in course title and short course title (from Advanced Product Design in User-Centered Design) (Catalog year effective 2020-21)

X-C-110  ADES - 4662 - Design Management Integrative Capstone — Change in prerequisites (Catalog year effective 2020-21)

**Department of Studio Art**

X-C-111  ASTU - 2101 - Beginning Ceramics: Handbuilding — Change in prerequisites (Catalog year effective 2020-21)

X-C-112  ASTU - 2102 - Beginning Ceramics: Throwing — Change in prerequisites (Catalog year effective 2020-21)

X-C-113  ASTU - 2201 - Beginning Drawing and Painting: Painting I — Change in prerequisites (Catalog year effective 2020-21)

X-C-114  ASTU - 2401 - Beginning Metalsmithing — Change in prerequisites (Catalog year effective 2020-21)

X-C-115  ASTU - 2402 - Beginning Jewelry — Change in prerequisites (Catalog year effective 2020-21)

X-C-116  ASTU - 2501 - Beginning Photography: Photo I — Change in prerequisites (Catalog year effective 2020-21)

X-C-117  ASTU - 2601 - Beginning Printmaking: Relief — Change in prerequisites (Catalog year effective 2020-21)

X-C-118  ASTU - 2602 - Beginning Printmaking: Screen Printing — Change in prerequisites (Catalog year effective 2020-21)

X-C-119  ASTU - 2701 - Beginning New Media: Time and Movement — Change in prerequisites (Catalog year effective 2020-21)

X-C-120  ASTU - 2702 - Beginning New Media: Analog and Avant-Garde — Change in prerequisites (Catalog year effective 2020-21)

X-C-121  ASTU - 2801 - Beginning Sculpture: Traditional Methods — Change in prerequisites (Catalog year effective 2020-21)

X-C-122  ASTU - 2802 - Beginning Sculpture: Digital Methods — Change in prerequisites (Catalog year effective 2020-21)

X-C-123  ASTU - 3000 - Interdisciplinary: Rotating Topics — Change in prerequisites (Catalog year effective 2020-21)

X-C-124  ASTU - 3202 - Intermediate Drawing and Painting: Figure Drawing I — Change in prerequisites (Catalog year effective 2020-21)
X-C-125  ASTU - 4010 - Professional Practices for the Studio Artist — Change in short course title, prerequisites and corequisites (Catalog year effective 2020-21)

X-C-126  ASTU - 4100 - Senior Ceramics Studio — Change in prerequisites, allowed repeats and notes (Catalog year effective 2020-21)

X-C-127  ASTU - 4200 - Senior Drawing and Painting Studio — Change in prerequisites, allowed repeats and notes (Catalog year effective 2020-21)

X-C-128  ASTU - 4400 - Senior Metalsmithing and Jewelry Studio — Change in prerequisites, allowed repeats and notes (Catalog year effective 2020-21)

X-C-129  ASTU - 4500 - Senior Photography Studio — Change in prerequisites, allowed repeats and notes (Catalog year effective 2020-21)

X-C-130  ASTU - 4600 - Senior Printmaking Studio — Change in prerequisites, allowed repeats and notes (Catalog year effective 2020-21)

X-C-131  ASTU - 4700 - Senior New Media Studio — Change in prerequisites, allowed repeats and notes (Catalog year effective 2020-21)

X-C-132  ASTU - 4800 - Senior Sculpture Studio — Change in prerequisites, allowed repeats and notes (Catalog year effective 2020-21)

D. COURSE DELETIONS

College of Liberal Arts and Social Sciences

Department of History

X-D-1  HIST - 4020 - History of Science and Technology Since Newton — Delete course (Catalog year effective 2020-21)

X-D-2  HIST - 4030 - Gold, Silver, and Settlement in the Americas — Delete course (Catalog year effective 2020-21)

X-D-3  HIST - 4115 - Canadian History — Delete course (Catalog year effective 2020-21)

College of Visual Arts and Design

Department of Art Education and Art History

X-D-4  AEAH - 3750 - Children and Art — Delete course (Catalog year effective 2020-21)

X-D-5  AEAH - 4770 - Visual Arts Studies: Technology in the Visual Arts — Delete course (Catalog year effective 2020-21)
E. GRAD TRACK PATHWAYS

None.

XI. CORE INFORMATION ITEMS

None.

XII. CURRICULAR INFORMATION ITEMS

XII-1 ART AP exam updates (catalog year effective 2020-21)
XII-2 NCPS 2010--change effective Spring 2020