**MINUTES --** **APPROVED**

**UNIVERSITY UNDERGRADUATE CURRICULUM COMMITTEE**

[**https://unt.curriculog.com/agenda:315/form**](https://unt.curriculog.com/agenda:315/form)

**Wednesday, October 2, 2019**

**3:00 p.m., Willis 250H**

**Voting:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Group** |  | **Representative** | **Departments** |
| **I** |  | Yayoi Takeuchi **(WLLC)** | AEAH, ADES, ASTU, JOUR, LING, PHIL, SPAN, TECM, WGST, WLLC |
|  | Tatiana Filosofova **(WLLC)** |
| **II** |  | Erin Miller **(LIBR)** | ENGL, INFO, LIBR, LTEC |
|  | Donna Arnold **(LIBR)** |
| **III** |  | Mary Ann Barber **(MATH)** | BMEN, CSCE, EENG, ENGR, MTSE, MEEN, MATH, PHYS |
|  | Haifeng Zhang **(MEEN)** |
| **IV** |  | Jessica Craig **(CJUS)** | BEHV, CJUS, ECON, EMDS, HNRS, INST, PADM, PSCI, PSYC, SOWK, TNTX |
|  | Glen Biglaiser **(PSCI)** |
| **V** |  | Ann Afflerbach **(HTM)** | ACCT, FIREL, HTM, ITDS, MDR, MGMT, MKTG, NC |
|  | VACANT |
| **VI** |  | Julie Leventhal **(EPSY)** | COHE, EPSY, HIST, KHPR, TEAD |
|  | Judith Bradetich **(EPSY)** |
| **VII** |  | Katsura Aoyama **(ASLP)** | ANTH, ASLP, BIOL, CHEM, COMM, GEOG, RHAB, SOCI |
|  | Brandi Levingston **(RHAB)** |
| **VIII** |  | James Martin **(MRTS)** | DANC, MUSIC, MRTS |
|  | April Prince **(MUSIC)** |
| **At-Large** |  | Doug Campbell **(LIBR)** |  |
|  | VACANT |  |
| **Voting**  **Dean’s**  **Designees** | Kirsten Broberg **(MUSIC)**  Laurel Crawford **(LIBR)**  Katie Crowder (**COI**)  Tracy Everbach (**JOUR**)  Lauren Mathews **(CHPS)**  Eddie Meaders (**CLASS**)  Sean Ryan (HNRS) | | |

**Non-Voting:**

Denise Baxter (CVAD)

Nandika D’Souza (ENG)

Jaymee Haefner (VPAA)

Lisa Maxwell (Sen. Adv.)

Brian McFarlin (COED)

Mike McKay (CLASS-adv.)

Luwis Mhlanga (CMHT)

Thomas Miles (OCCC)

Yolian Ogbu (SGA)

John Quintanilla (COS)

Desiree Robison (COB)

Peggy Shadduck (NC)

Hillary Shah (SGA)

Hanlyn Tyler (SGA)

Kim Wells (REG)

**Visiting:** Allen DominguezAnzo,Annalise Fletcher (proxy for Aoyama),Debra Griffin, Krista Hines,Ben Inn, Brenda Kihl, Katy McDaniel,Andrew Mount,Erin Donahoe-Rankin (proxy for Baxter),Monique Scales,AnnaSidorova,Kelly Spry,Justin Watts (proxy for Levingston).

## VPAA INFORMATION ITEMS

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

Introduction of new UUCC committee members

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.

* + - 1. Lisa Maxwell, Chair of Senior Advising Group (SAG)
      2. Mike McKay (CLASS)
      3. Des Robison (RCoB)

~~Curriculog discussion: Kim Wells/Katy McDaniel/Monique Scales~~

Please send updated curricular committee contact information to Julie Leventhal:  [Julie.leventhal@unt.edu](mailto: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.

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.

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.

~~Core information items:  Adam Wear~~

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

## REQUEST FOR NEW COURSE

### New College APPROVED

~~ACSO - 3030 - Applied Linear Algebra—New Course (Catalog year effective 2020-21)~~

~~ACSO - 3810 - Analytics Internship—New Course (Catalog year effective 2020-21)~~

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

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

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

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

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

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

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

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

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

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

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

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

SPDA - 2021 - Connections 1: Introduction to Collaborative thinking Lab —New Course (Catalog year effective 2020-21)—New Course (Catalog year effective 2020-21)

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

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

SPDA - 3020 - Connections II: Professional Communication—New Course (Catalog year effective 2020-21)

SPDA - 3021 - Connections II Professional Communications Lab—New Course (Catalog year effective 2020-21)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

~~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)~~

~~STPA - 4080 - Engineering Understanding of Privacy—New Course (Catalog year effective 2020-21)~~

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

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

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

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

### College of Engineering

#### Department of Biomedical Engineering APPROVED

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

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

#### Department of Computer Science and Engineering APPROVED

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

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

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

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

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

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

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

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

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

#### Department of Engineering Technology APPROVED

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

#### Department of Mechanical and Energy Engineering APPROVED

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

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

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

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

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

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

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

### College of Liberal Arts and Social Sciences APPROVED

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

#### Department of Communication Studies APPROVED

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

#### Department of Geography and the Environment APPROVED

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

#### Department of History APPROVED

HIST - 4114 - Race and Gender in British Imperial Wars 1830-present —New Course (Catalog year effective 2020-21)

#### Department of Philosophy and Religion APPROVED

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

### College of Music APPROVED

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

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

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

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

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

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

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

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

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

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

### College of Science APPROVED

* 1. TNTX - 4150 - Conceptual Geometry —New Course (Catalog year effective 2020-21)
  2. TNTX - 4200 - Conceptual Science —New Course (Catalog year effective 2020-21)

### College of Visual Arts and Design APPROVED

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

ART - 3030 - Digital Communication for Art and Creative Entrepreneurship—New Course (Catalog year effective 2020-21)

## REQUEST FOR EXPERIMENTAL COURSE

*None.*

## CHANGE IN EXISTING CORE CURRICULUM COURSE

### College of Education

#### Department of Kinesiology, Health Promotion and Recreation APPROVED

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

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

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

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

## ADDITION OF COURSE TO CORE CURRICULUm

### College of Engineering

#### Department of Computer Science and Engineering APPROVED

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

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

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

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

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

## DELETION OF COURSE FROM CORE CURRICULUM

*None.*

## ADD/DELETE DEGREE/MAJOR/PROFESSIONAL FIELD/CONCENTRATION/OPTION/MINOR

### New College APPROVED

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

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

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

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

### College of Engineering APPROVED

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

#### Department of Engineering Technology

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

#### Department of Mechanical and Energy Engineering APPROVED

Electromechanical Systems and Mechatronics certificate—Add certificate (Catalog year effective 2020-21)

### College of Liberal Arts and Social Sciences

#### Department of Anthropology APPROVED

Ethnic Studies minor—Delete minor (Catalog year effective 2020-21)

#### Department of Geography and the Environment APPROVED

GeoPhoto: Imaging Technology and Visualization certificate—Add certificate (Catalog year effective 2020-21)

#### Department of Philosophy and Religion APPROVED

Jain and India Studies certificate—Add certificate (Catalog year effective 2020-21)

### College of Music APPROVED

Music Business and Entrepreneurship minor—Add minor (Catalog year effective 2020-21)

Jazz Studies, BM—Add Commercial Music emphasis (Catalog year effective 2020-21)

## CHANGE IN PROGRAM

### College of Liberal Arts and Social Sciences APPROVED

Jewish and Israel Studies minor—Change in requirements (Catalog year effective: 2020-21)

LGBTQ Studies minor—Change in title and requirements (*from LGBT Studies minor*) (Catalog year effective: 2020-21)

#### Department of Anthropology APPROVED

Anthropology minor—Change in requirements (Catalog year effective: 2020-21)

Applied Anthropology certificate—Change in requirements (Catalog year effective: 2020-21)

### College of Science APPROVED

* 1. Mathematics and Science Secondary Teaching minor—Change in requirements (Catalog year effective: 2020-21)

#### Department of Biological Sciences APPROVED

Biological Sciences minor—Change in requirements (Catalog year effective: 2020-21)

#### Department of Physics APPROVED

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

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

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

* 1. Ceramics minor—Change in requirements (Catalog year effective: 2020-21)
  2. Drawing and Painting minor—Change in requirements (Catalog year effective: 2020-21)
  3. Metalsmithing and Jewelry minor—Change in requirements (Catalog year effective: 2020-21)
  4. New Media Art minor—Change in requirements (Catalog year effective: 2020-21)
  5. Photography minor—Change in requirements (Catalog year effective: 2020-21)
  6. Printmaking minor—Change in requirements (Catalog year effective: 2020-21)
  7. Sculpture minor—Change in requirements (Catalog year effective: 2020-21)

## CHANGE IN EXISTING COURSE/COURSE DELETIONS

* + 1. CHANGE IN EXISTING COURSE

### College of Liberal Arts and Social Sciences

#### Department of Anthropology APPROVED

* + - 1. 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

* + - 1. 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

* + - 1. BIOL - 2041 - Microbiology — Change in prerequisites and corequisites(Catalog year effective 2020-21)
      2. BIOL - 2042 - Microbiology Laboratory — Change in prerequisites and corequisites(Catalog year effective 2020-21)
      3. BIOL - 2140 - Principles of Ecology — Change in prerequisites (Catalog year effective 2020-21)
      4. BIOL - 2141 - Ecology Laboratory — Change in prerequisites (Catalog year effective 2020-21)
      5. BIOL - 2241 - Biology of Higher Plants — Change in prerequisites (Catalog year effective 2020-21)
      6. BIOL - 2251 - Biodiversity and Conservation of Animals — Change in prerequisites (Catalog year effective 2020-21)
      7. BIOL - 2311 - Human Anatomy and Physiology I Laboratory — Change in prerequisites and corequisites(Catalog year effective 2020-21)
      8. BIOL - 2312 - Human Anatomy and Physiology II Laboratory — Change in prerequisites and corequisites(Catalog year effective 2020-21)
      9. BIOL - 3080 - Physiological Bases of Exercise and Sport — Change in prerequisites (Catalog year effective 2020-21)
      10. BIOL - 3160 - Conservation Biology — Change in prerequisites (Catalog year effective 2020-21)
      11. BIOL - 3170 - Plants and Human Society — Change in prerequisites (Catalog year effective 2020-21)
      12. BIOL - 3850 - Introduction to Computational Life Science — Change in prerequisites (Catalog year effective 2020-21)
      13. BIOL - 4100 - Introduction to Environmental Impact Assessment — Change in prerequisites (Catalog year effective 2020-21)
      14. BIOL - 4810 - Biocomputing — Change in prerequisites (Catalog year effective 2020-21)
      15. BIOL - 4820 - Computational Epidemiology — Change in prerequisites (Catalog year effective 2020-21)
    1. COURSE DELETION

*None.*

## CONSENT CALENDAR Taken as whole-- APPROVED

* + 1. REQUEST FOR EXPERIMENTAL COURSE

*None.*

* + 1. CHANGE IN PROGRAM

### College of Liberal Arts and Social Sciences

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

#### Department of Anthropology

* + - 1. Anthropology, BA —Change in Requirements (Catalog year effective 2020-21)

#### Department of Communication Studies

* + - 1. Communication Studies, BA —Change in Requirements (Catalog year effective 2020-21)

#### Department of Geography and the Environment

* + - 1. Geography, BA —Change in Requirements (Catalog year effective 2020-21)
      2. Geography, BS —Change in Requirements (Catalog year effective 2020-21)

#### Department of History

* + - 1. History, BA —Change in Requirements (Catalog year effective 2020-21)

#### Department of Media Arts

* + - 1. Converged Broadcast Media, BA —Change in Requirements (Catalog year effective 2020-21)
      2. Media Arts, BA —Change in Requirements (Catalog year effective 2020-21)

#### Department of Philosophy and Religion

* + - 1. Philosophy, BA —Change in Requirements (Catalog year effective 2020-21)

### College of Science

#### Department of Biological Sciences

* + - 1. Biology, BA —Change in Requirements (Catalog year effective 2020-21)
      2. Biology, BSBIO —Change in Requirements (Catalog year effective 2020-21)
      3. Ecology for Environmental Science, BS —Change in Requirements (Catalog year effective 2020-21)
      4. Medical Laboratory Sciences, BSMLS —Change in Requirements (Catalog year effective 2020-21)

### College of Visual Arts and Design

* + - 1. 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

* + - 1. Art History, BA — Remove college admission requirements (Catalog year effective 2020-21)
      2. Interdisciplinary Art and Design Studies, BA — Remove college admission requirements and change in requirements (Catalog year effective 2020-21)
      3. 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)
      4. Art Education pre-major — Change in title and requirements (*from Visual Arts Studies pre-major*) (Catalog year effective 2020-21)

#### Department of Design

* + - 1. Communication Design pre-major — Change in requirements (Catalog year effective 2020-21)
      2. Communication Design with a concentration in Graphic Design, BFA — Change in requirements (Catalog year effective 2020-21)
      3. Communication Design with a concentration in User-Experience Design, BFA — Change in requirements (Catalog year effective 2020-21)
      4. Fashion design pre-major — Change in requirements (Catalog year effective 2020-21)
      5. Fashion Design, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)
      6. Interior Design pre-major — Change in requirements (Catalog year effective 2020-21)
      7. Interior Design, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)

#### Department of Design

* + - 1. Studio Art with a concentration in Ceramics, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)
      2. Studio Art with a concentration in Drawing and Painting, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)
      3. Studio Art with a concentration in Metalsmithing and Jewelry, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)
      4. Studio Art with a concentration in New Media Art, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)
      5. Studio Art with a concentration in Photography, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)
      6. Studio Art with a concentration in Printmaking, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)
      7. Studio Art with a concentration in Sculpture, BFA — Change in requirements and remove college admission requirements (Catalog year effective 2020-21)
    1. CHANGE IN EXISTING COURSE

### College of Engineering

#### Department of Biomedical Engineering

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

#### Department of Computer Science and Engineering

* + - 1. CSCE - 4610 - Computer Architecture —Change in prerequisites (Catalog year effective 2020-21)

#### Department of Electrical Engineering

* + - 1. EENG - 2610 - Circuit Analysis — Remove cross-listing (Catalog year effective 2020-21)

#### Department of Engineering Technology

* + - 1. 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

* + - 1. EADP - 3080 - Leadership and Organizational Behavior — Remove cross-listing (Catalog year effective 2020-21)

#### Department of Public Administration

* + - 1. PADM - 3020 - Public Management — Remove cross-listing (Catalog year effective 2020-21)

### College of Liberal Arts and Social Sciences

#### Department of Anthropology

* + - 1. ANTH - 4011 - Anthropological Field Methods — Change in prerequisites (Catalog year effective 2020-21)
      2. ANTH - 4751 - Anthropology of Religion—course title and short course title (*from Magic, Witchcraft and Religion*) (Catalog year effective 2020-21)

### College of Music

* + - 1. 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)
      2. 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)
      3. 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)
      4. 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)
      5. MUCP - 1180 - Contemporary Materials and Techniques I — Change in course title and short course title (*from Beginning Composition I*) (Catalog year effective 2020-21)
      6. MUCP - 1190 - Contemporary Materials and Techniques II — Change in course title and short course title (*from Beginning Composition II*) (Catalog year effective 2020-21)
      7. MUCP - 3320 - Instrumentation — Change in course number (*from MUCP 4310*) (Catalog year effective 2020-21)
      8. MUCP - 3670 - Introduction to Electroacoustic Music — Change in course number (*from MUCP 4670*) (Catalog year effective 2020-21)
      9. 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)
      10. 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

* + - 1. BIOC - 3621 - Principles of Biochemistry — Change in prerequisites (Catalog year effective 2020-21)
      2. BIOC - 4540 - Biochemistry I — Change in prerequisites (Catalog year effective 2020-21)
      3. BIOC - 4550 - Biochemistry II I — Change in prerequisites (Catalog year effective 2020-21)
      4. BIOC - 4570 - Biochemistry and Molecular Biology of the Gene — Change in prerequisites (Catalog year effective 2020-21)
      5. BIOL - 3000 - Comparative Anatomy of Vertebrates — Change in prerequisites (Catalog year effective 2020-21)
      6. BIOL - 3030 - Careers in the Life Sciences — Change in prerequisites (Catalog year effective 2020-21)
      7. BIOL - 3150 - Conservation Biology Laboratory — Change in prerequisites (Catalog year effective 2020-21)
      8. BIOL - 3331 - Biomedical Criminalistics — Change in prerequisites (Catalog year effective 2020-21)
      9. BIOL - 3381 - Medical Bacteriology — Change in prerequisites (Catalog year effective 2020-21)
      10. BIOL - 3382 - Medical Bacteriology Laboratory — Change in prerequisites (Catalog year effective 2020-21)
      11. BIOL - 3451 - Genetics — Change in prerequisites (Catalog year effective 2020-21)
      12. BIOL - 3452 - Genetics Laboratory — Change in prerequisites (Catalog year effective 2020-21)
      13. BIOL - 3510 - Cell Biology — Change in prerequisites (Catalog year effective 2020-21)
      14. BIOL - 3520 - Cell Biology Laboratory — Change in prerequisites (Catalog year effective 2020-21)
      15. BIOL - 3770 - Biotechnology — Change in prerequisites (Catalog year effective 2020-21)
      16. BIOL - 3800 - Animal Physiology — Change in prerequisites (Catalog year effective 2020-21)
      17. BIOL - 4000 - Plant Ecology — Change in prerequisites (Catalog year effective 2020-21)
      18. BIOL - 4005 - Contemporary Topics in Biology — Change in prerequisites (Catalog year effective 2020-21)
      19. BIOL - 4045 - Foundations of Ecological Theory — Change in prerequisites (Catalog year effective 2020-21)
      20. BIOL - 4050 - Animal Ecology — Change in prerequisites (Catalog year effective 2020-21)
      21. BIOL - 4051 - Community Ecology — Change in prerequisites and corequisites (Catalog year effective 2020-21)
      22. BIOL - 4052 - Community Ecology Laboratory — Change in prerequisites and corequisites (Catalog year effective 2020-21)
      23. BIOL - 4055 - Ornithology — Change in prerequisites and corequisites (Catalog year effective 2020-21)
      24. BIOL - 4056 - Ornithology Laboratory — Change in prerequisites and corequisites (Catalog year effective 2020-21)
      25. BIOL - 4057 - Mammalian Ecology and Evolution — Change in prerequisites (Catalog year effective 2020-21)
      26. BIOL - 4070 - Insect Biology — Change in prerequisites (Catalog year effective 2020-21)
      27. BIOL - 4080 - Radiation Safety — Change in prerequisites (Catalog year effective 2020-21)
      28. BIOL - 4085 - Fish Diversity and Ecology — Change in prerequisites and contact hours (Catalog year effective 2020-21)
      29. BIOL - 4091 - Parasitology — Change in prerequisites (Catalog year effective 2020-21)
      30. BIOL - 4110 - Endocrinology — Change in prerequisites (Catalog year effective 2020-21)
      31. BIOL - 4120 - Environmental Chemistry — Change in prerequisites (Catalog year effective 2020-21)
      32. BIOL - 4130 - Economic Botany — Change in prerequisites (Catalog year effective 2020-21)
      33. BIOL - 4160 - Advanced Techniques in Microbiology and Molecular Biology — Change in prerequisites (Catalog year effective 2020-21)
      34. BIOL - 4180 - Techniques in Molecular Biology — Change in prerequisites (Catalog year effective 2020-21)
      35. BIOL - 4201 - Immunology — Change in prerequisites (Catalog year effective 2020-21)
      36. BIOL - 4220 - Neuropsychopharmacology — Change in prerequisites (Catalog year effective 2020-21)
      37. BIOL - 4221 - Experimental Methodologies in Neuropsychopharmacology — Change in prerequisites (Catalog year effective 2020-21)
      38. BIOL - 4230 - Cardio-respiratory Physiology — Change in prerequisites (Catalog year effective 2020-21)
      39. BIOL - 4240 - Forensic Microscopy — Change in prerequisites (Catalog year effective 2020-21)
      40. BIOL - 4250 - Pharmacology: Biological Basis of Drug Action — Change in prerequisites (Catalog year effective 2020-21)
      41. BIOL - 4260 - Principles of Evolution — Change in prerequisites (Catalog year effective 2020-21)
      42. BIOL - 4280 - Aquatic Botany — Change in prerequisites (Catalog year effective 2020-21)
      43. BIOL - 4290 - Marine Biology — Change in prerequisites (Catalog year effective 2020-21)
      44. BIOL - 4300 - Histology — Change in prerequisites (Catalog year effective 2020-21)
      45. BIOL - 4320 - Integrative Molecular Physiology Laboratory — Change in prerequisites (Catalog year effective 2020-21)
      46. BIOL - 4330 - Developmental Biology — Change in prerequisites (Catalog year effective 2020-21)
      47. BIOL - 4370 - General Toxicology — Change in prerequisites (Catalog year effective 2020-21)
      48. BIOL - 4375 - Molecular Toxicology — Change in prerequisites (Catalog year effective 2020-21)
      49. BIOL - 4380 - Fundamentals of Aquatic Toxicology — Change in prerequisites (Catalog year effective 2020-21)
      50. BIOL - 4400 - Wetland Ecology and Management — Change in prerequisites (Catalog year effective 2020-21)
      51. BIOL - 4420 - Invertebrate Biology — Change in prerequisites (Catalog year effective 2020-21)
      52. BIOL - 4440 - Stream Ecology — Change in prerequisites (Catalog year effective 2020-21)
      53. BIOL - 4460 - Eukaryotic Genetics — Change in prerequisites (Catalog year effective 2020-21)
      54. BIOL - 4480 - Medical Genetics — Change in prerequisites (Catalog year effective 2020-21)
      55. BIOL - 4501 - Bacterial Diversity and Physiology — Change in prerequisites (Catalog year effective 2020-21)
      56. BIOL - 4503 - Plant Physiology and Development — Change in prerequisites (Catalog year effective 2020-21)
      57. BIOL - 4505 - Comparative Animal Physiology — Change in prerequisites (Catalog year effective 2020-21)
      58. BIOL - 4530 - Virology — Change in prerequisites (Catalog year effective 2020-21)
      59. BIOL - 4560 - Aquatic Insects of North America — Change in prerequisites (Catalog year effective 2020-21)
      60. BIOL - 4570 - Biochemistry and Molecular Biology of the Gene — Change in prerequisites (Catalog year effective 2020-21)
      61. BIOL - 4590 - Forensic Molecular Biology Laboratory — Change in prerequisites (Catalog year effective 2020-21)
      62. BIOL - 4650 - Environmental Science Field Course — Change in prerequisites (Catalog year effective 2020-21)
      63. BIOL - 4700 - Research Methods for Secondary Science Instruction — Change in prerequisites (Catalog year effective 2020-21)
      64. BIOL - 4720 - Sediment Toxicology — Change in prerequisites (Catalog year effective 2020-21)
      65. BIOL - 4751 - Neuroscience I: Cells and Circuits — Change in prerequisites (Catalog year effective 2020-21)
      66. BIOL - 4752 - Neuroscience II: Brain and Plasticity — Change in prerequisites (Catalog year effective 2020-21)
      67. BIOL - 4800 - Biological Sciences Seminar Series — Change in prerequisites (Catalog year effective 2020-21)
      68. BIOL - 4801 - Microbial Genetics — Change in prerequisites (Catalog year effective 2020-21)
      69. BIOL - 4805 - Biological Sciences Capstone Seminar — Change in prerequisites (Catalog year effective 2020-21)

### College of Visual Arts and Design

* + - 1. ART - 4614 - Art and Business — Change in prefix and prerequisites (*from AEAH 4614*) (Catalog year effective 2020-21)
      2. ART - 4940 - Understanding Art Museums — Change in prefix (*from AEAH 4940*) (Catalog year effective 2020-21)

#### Department of Art Education and Art History

* + - 1. AEAH - 3753 - Art Education: Foundations — Change in course title, short course title and prerequisites (*from Visual Arts Studies: Foundations of Visual Arts Studies*) (Catalog year effective 2020-21)
      2. 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)
      3. 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)
      4. 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)
      5. 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)
      6. 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)
      7. 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

* + - 1. ADES - 1513 - Contextual Research Methods — Change in contact hours (Catalog year effective 2020-21)
      2. ADES - 1540 - Foundations for Communication Design — Change in prerequisites (Catalog year effective 2020-21)
      3. ADES - 1543 - Foundations of User-Centered Design — Change in prerequisites (Catalog year effective 2020-21)
      4. ADES - 1560 – Fashion Design: Introduction to Industrial Sewing Techniques — Change in prerequisites (Catalog year effective 2020-21)
      5. ADES - 2513 - Typographic Systems — Change in prerequisites and corequisites (Catalog year effective 2020-21)
      6. ADES - 2518 - Design Prototyping and User Testing — Change in prerequisites and corequisites (Catalog year effective 2020-21)
      7. ADES - 2550 - Fashion: Patternmaking I — Change in prerequisites (Catalog year effective 2020-21)
      8. ADES - 2630 - Drawing for Interior Design — Change in prerequisites and notes (Catalog year effective 2020-21)
      9. ADES - 2640 - Interior Design: Space Planning I — Change in prerequisites (Catalog year effective 2020-21)
      10. 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)
      11. ADES - 3550 - Fashion: Draping — Change in description and prerequisites (Catalog year effective 2020-21)
      12. 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)
      13. ADES - 4662 - Design Management Integrative Capstone — Change in prerequisites (Catalog year effective 2020-21)

#### Department of Studio Art

* + - 1. ASTU - 2101 - Beginning Ceramics: Handbuilding — Change in prerequisites (Catalog year effective 2020-21)
      2. ASTU - 2102 - Beginning Ceramics: Throwing — Change in prerequisites (Catalog year effective 2020-21)
      3. ASTU - 2201 - Beginning Drawing and Painting: Painting I — Change in prerequisites (Catalog year effective 2020-21)
      4. ASTU - 2401 - Beginning Metalsmithing — Change in prerequisites (Catalog year effective 2020-21)
      5. ASTU - 2402 - Beginning Jewelry — Change in prerequisites (Catalog year effective 2020-21)
      6. ASTU - 2501 - Beginning Photography: Photo I — Change in prerequisites (Catalog year effective 2020-21)
      7. ASTU - 2601 - Beginning Printmaking: Relief — Change in prerequisites (Catalog year effective 2020-21)
      8. ASTU - 2602 - Beginning Printmaking: Screen Printing — Change in prerequisites (Catalog year effective 2020-21)
      9. ASTU - 2701 - Beginning New Media: Time and Movement — Change in prerequisites (Catalog year effective 2020-21)
      10. ASTU - 2702 - Beginning New Media: Analog and Avant-Garde — Change in prerequisites (Catalog year effective 2020-21)
      11. ASTU - 2801 - Beginning Sculpture: Traditional Methods — Change in prerequisites (Catalog year effective 2020-21)
      12. ASTU - 2802 - Beginning Sculpture: Digital Methods — Change in prerequisites (Catalog year effective 2020-21)
      13. ASTU - 3000 - Interdisciplinary: Rotating Topics — Change in prerequisites (Catalog year effective 2020-21)
      14. ASTU - 3202 - Intermediate Drawing and Painting: Figure Drawing I — Change in prerequisites (Catalog year effective 2020-21)
      15. ASTU - 4010 - Professional Practices for the Studio Artist — Change in short course title, prerequisites and corequisites (Catalog year effective 2020-21)
      16. ASTU - 4100 - Senior Ceramics Studio — Change in prerequisites, allowed repeats and notes (Catalog year effective 2020-21)
      17. ASTU - 4200 - Senior Drawing and Painting Studio — Change in prerequisites, allowed repeats and notes (Catalog year effective 2020-21)
      18. ASTU - 4400 - Senior Metalsmithing and Jewelry Studio — Change in prerequisites, allowed repeats and notes (Catalog year effective 2020-21)
      19. ASTU - 4500 - Senior Photography Studio — Change in prerequisites, allowed repeats and notes (Catalog year effective 2020-21)
      20. ASTU - 4600 - Senior Printmaking Studio — Change in prerequisites, allowed repeats and notes (Catalog year effective 2020-21)
      21. ASTU - 4700 - Senior New Media Studio — Change in prerequisites, allowed repeats and notes (Catalog year effective 2020-21)
      22. ASTU - 4800 - Senior Sculpture Studio — Change in prerequisites, allowed repeats and notes (Catalog year effective 2020-21)
    1. COURSE DELETIONS

### College of Liberal Arts and Social Sciences

#### Department of History

* + - 1. HIST - 4020 - History of Science and Technology Since Newton — Delete course (Catalog year effective 2020-21)
      2. HIST - 4030 - Gold, Silver, and Settlement in the Americas — Delete course (Catalog year effective 2020-21)
      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

* + - 1. AEAH - 3750 - Children and Art — Delete course (Catalog year effective 2020-21)
      2. AEAH - 4770 - Visual Arts Studies: Technology in the Visual Arts — Delete course (Catalog year effective 2020-21)
    1. GRAD TRACK PATHWAYS

### *None.*

## CORE INFORMATION ITEMs

*None.*

## Curricular Information Items

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