

Approved on April 9, 2018

COLLEGE OF ARTS AND SCIENCES
COMMITTEE ON INSTRUCTION
Minutes #19
April 2, 2018
217 Varner Hall

MINUTES

Present: G. Cassano, K. Castoldi, S. Dykstra, L. Ostergaard, E. Shesko, R. Sidelinger, R. Stewart

1. Committee approved Minutes #18, March 26, 2018.
2. Committee approved the requests from the Department of Biological Sciences to **renumber** the following *courses*:

From:

BIO 1006 Clinical Anatomy and Physiology (5)

To:

BIO 2006 Clinical Anatomy and Physiology (5)

From:

BIO 4333 Tropical Field Ecology (3)

To:

BIO 3333 Tropical Field Ecology (3)

From:

BIO 4511 Microbial Biotechnology (4)

To:

BIO 4550 Microbial Biotechnology (4)

3. Committee approved the request from the Department of Biological Sciences to **end date** the following *courses*:

BIO 1006 Clinical Anatomy and Physiology (5)

BIO 4333 Tropical Field Ecology (3)

BIO 4511 Microbial Biotechnology (4)

4. Committee approved the request from the Department of Biological Sciences to **change** the *credits* for the following courses:

BIO 4224 Science of Vision (~~3~~) (4)

BIO 4330 Stream Ecology (~~3~~) (4)

BIO 4334 Topics in Physiological Ecology (~~3~~) (4)

BIO 4342 Topics in Evolutionary Biology (~~3~~) (4)

BIO 4350 Topics in Behavioral Biology (~~3~~) (4)

5. Committee approved the request from the Department of Biological Sciences to **change** the *prerequisites* for the following courses:

BIO 3142 Biomaterials Approaches in Anatomy (4)

Prerequisite(s): ~~BIO 2100 and BIO 2101~~, BIO 1200 and BIO 1201, each with a grade of (C) or higher.

BIO 3232 Biochemistry I (4)

Prerequisite(s): BIO 1200 and CHM 2340, each with a grade of (C) or higher. ~~Pre/Corequisite(s): CHM 2340 (if prerequisite, with a grade of (C) or higher).~~

BIO 3501 General Microbiology Laboratory (1)

Pre/corequisite(s): BIO 3500 or *BIO 3520* (if prerequisite, with a grade of (C) or higher).

BIO 4222 Stem Cell Biology (4)

Prerequisite(s): BIO 1200 with a grade of (C) or higher, *and junior standing or permission of the instructor.*

BIO 4320 Medical Parasitology (4)

Prerequisite(s): BIO 1200, ~~BIO 1201~~ and BIO 1300, each with a grade of (C) or higher, *and junior standing or permission of the instructor.* Corequisite(s): BIO 4321.

BIO 4330 Stream Ecology (4)

Prerequisite(s): BIO 1300 with a grade of (C) or higher, *and junior standing or permission of the instructor*; BIO 3330 recommended.

BIO 4342 Topics in Evolutionary Biology (3)

Prerequisite(s): ~~BIO 3330, BIO 3350, and~~ BIO 3340 *or BIO 4340* with a grade of (C) or higher, or permission of the instructor.

BIO 4610 Advanced Topics in Cell Physiology (4)

Prerequisites: *BIO 3210 with a grade of (C) or higher; BIO 2600 or BIO 2640 recommended.*

BIO 4629 Scientific Inquiry (1)

Prerequisite: *Senior standing.*

6. Committee deferred the request from the Department of Biological Sciences to **add** the following *new course*:

BIO 3323 Marine Biology Laboratory (1)

Hands-on exploration into the form, function, and biodiversity of marine life, including both live and preserved specimens. Students will identify marine species and study anatomical, physiological, and behavioral adaptations of marine life through guided and inquiry-based activities. Includes introduction to salt water aquarium systems. Prerequisite(s): BIO 1201 with a grade of (C) or higher. Pre/corequisite(s): BIO 3322 (if prerequisite, with a grade of [C] or higher).

7. Committee approved the request from the Department of Biological Sciences to **add** the following *new courses*:

BIO 4380 Ecological Problem Solving (4)

Quantitative analysis of ecological systems including population dynamics, species interactions, biodiversity, and energy flow through ecosystems. Students will work collaboratively to test ecological hypotheses, simulate ecological dynamics, and find solutions to ecological problems. Offered in the winter semester. Prerequisite(s): BIO 1300 and (MTH 1221 or MTH 1441), each with a grade of (C) or higher, and junior standing or permission of the instructor. MTH 1554 recommended.

BIO 4381 Ecological Problem Solving Lab (1)

Practical introduction to ecological experimentation including the quantitative analysis of ecological data. Students will work in collaborative groups to design, execute, and analyze ecological experiments including simulations of ecological processes. To be taken with BIO 4380. Prerequisite(s): BIO 1201. Corequisite(s): BIO 4380.

8. Committee approved the request from the Department of Biological Sciences to **change** the *title* for the following courses:|

From:

BIO 3142 Biomaterials Approaches in Anatomy

To:

BIO 3142 Bioengineering Organs and Tissues

From:

BIO 4330 Stream Ecology

To:

BIO 4330 Ecology of Streams and Rivers

9. Committee deferred the request from the Liberal Studies Program to **add** the following program *concentration*:

Video Game Studies Concentration

Curriculum (28-36 credits)

Required core classes

- LBS 1100 – Video Game Design & Development 1 (4)
- LBS 2100 – Video Game Design & Development 2 (4) Prerequisite: LBS 1100 or LBS 1000
- 3 Foundational Classes in Video Game Fields
 - Select one course from three of the following four areas (Studio Art/Graphic Design, Writing & Rhetoric, Computer Science, Music)
 - Studio Art/Graphic Design (4 credits)
 - ART 1002 – Foundations of Studio Art 2D

- ART 1003 – Foundations of Studio Art 3D
- ART 1004 – Foundations of Media Art
- Writing & Rhetoric (one required course)
 - WRT 2070 – Introduction to Writing for Digital Media
 - WRT 3073 – Digital Storytelling
 - WRT 3074 – Rhetoric and Video Games
- Computer Science (4 credits)
 - CIT 1220– Computer Animation
 - CIT 1300 or 1310 – Introduction to Computer Programming
- Music (4 credits)
 - MUS 1002 – Exploring Technology in Music
 - MUS 1006 – Exploring Film Music
 - MUS 2020 – Computer-based music composition

Recommended Elective Design and Development Relevant Courses:

Communication

- COM 3602 – Popular Media in the Age of Convergence
- JRN 3290 – Digital Storytelling for the Media: Diversity, Identity and Community
- COM 3607 – Rise of Electronic Media
- COM 2654/JRN 2654 – Audio Production
- Focus – Voice Acting: COM3650/JRN 3840

Computer Science

- CIT 1300 or 1310 –Introduction to Computer Programming
 - Focus: CIT 2300 - Introduction to Object-Oriented Programming
 - CIT 3500 – Human Computer Interaction (includes user experience) (major standing required)

English

- CIN 1600 – Introduction to Filmmaking (CIN1150/ENG2610 prerequisite, major/minor standing)
- CW 2400 – Intro to Screen/TV writing (prereq. WRT160)
 - Focus: ENG 387 – Screenwriting (prereq. CW2400 and CIN 1150/ENG2610)

Theatre

- THA 2023 – Drawing and Rendering for the Theatre (THA 1024 prereq.)
 - Focus: THA 3022 – Costume Design

Psychology

- PSY 2350 – Social Psychology (PSY 1000 prereq.)
- PSY 3100 – Creativity & Innovation (PSY 1000 prerequisite)

- PSY 3160 – Cognitive Psychology (PSY 1000 & PSY 2500 prereq.)

Studio Art/Graphic Design

- ART 1002 – Foundations of Studio Art 2D
 - Focus –Drawing: ART 2100, ART 3100, ART 3120
 - Focus – Digital Illustration: DES 1130, DES2230, DES3330/ DES 3370
 - Focus – Motion Graphics: DES 1130, DES 3350, DES 3360
- ART 1004 – Foundations of Media Art
 - Focus: ART 3120, 3220, 3290
 - Focus – Digital Illustration: DES 1130, DES2230, DES3330/ DES 3370
 - Focus – Motion Graphics: DES 1130, DES 3350, DES 3360

Writing & Rhetoric

- WRT 3073 – Digital Storytelling
- WRT 3074 – Rhetoric and Video Games

10. Committee deferred the request from the Department of Mathematics and Statistics to **add** the following *new courses*:

MTH 1331 College Algebra (4)

Functions, roots of polynomials, rational, exponential and logarithmic functions. Students cannot receive credit for both MTH 1441 (or MTH 141) and MTH 1331.

Prerequisite(s): MTH 0662 (or MTH 062) with a grade of 2.0 or higher or placement.

MTH 1332 Trigonometry (4)

Trigonometric functions (including graphs, identities, inverse functions, equations and applications); complex numbers, analytic geometry and conic sections. Students cannot receive credit for both MTH 1441 (or MTH 141) and MTH 1332.

Prerequisite(s): MTH 1331 with a grade of 2.0 or higher or placement.

11. Committee deferred the request from the School of Music, Theatre and Dance to **add** the following *new course*:

THA 2024 Designer Computer Skills (2)

Introduction to graphics and computer drafting software that have become the industry standard for work in the performing arts. Includes architectural draftings, lighting plots and presentational renderings using Vectorworks and Photoshop, Introduces common programs such as AutoCAD, Sketch-Up and Illustrator.

Prerequisite(s) or corequisite(s): (THA 124 or THA 1024).

12. Committee deferred the request from the School of Music, Theatre and Dance to **change** the *title* and *course description* for the following courses:

From:

MUS 3053 Audio Techniques (4)

Study of electronic issues, basic hardware, and acoustical phenomena associated with sound recording and sound reinforcement. Projects will involve the recording of live concerts.

To:

MUS 3053 Acoustics for Musicians (4)

Physics of sound, characteristics of human hearing, room acoustics, psychoacoustics, measurement of sound, and analysis of sound properties of acoustic and electronic musical instruments. Class projects include frequency response and noise analysis of spaces, computation of RT60 reverb times, and interpretation FFT plots.

From:

MUS 3054 The Recording Studio (4)

Continuation of MUS 3053 and a study of recording, editing, mixing and mastering in a recording studio. The experience will conclude with the mastering of a CD. Prerequisite(s): MUS 3053

To:

MUS 3054 Basic Recording Techniques (4)

Introduction to audio recording techniques, from classic stereo through contemporary multi-channel recording. Examination of recording hardware, including microphones, preamplifiers, computer interfaces, digital and analog recording devices, and monitors, and software, including ProTools, Logic Pro, and associated plugins. Prerequisite: MUS 3053 (353).

From:

MUS 4701 Orchestration (4)

The art of instrumental combination as applied to various ensemble applications, including full orchestra and band. Prerequisite(s): MUS 2214.

To:

MUS 4701 Orchestration and Arranging (3)

Characteristics of instruments normally found in band and orchestra. Short writing projects for voice, chamber music, concert band, and orchestra along with sample library MIDI orchestration. Prerequisite: MUS 2214.

13. Committee deferred the request from the School of Music, Theatre and Dance to **add** the following *new courses*:

MUS 3711 Advanced Recording Techniques (2)

Application of advanced recording, editing, and sound manipulation techniques in video, sound and live audio.

Prerequisites: MUS 3053 and 3054.

MUS 4720 Career Building for Musicians (2)

Establishing oneself in the music industry, including music publishing and licensing, recording contracts, copyright laws, basic business practices and start-up, marketing and promotion, website design, social media outreach, artist branding, grant writing, press kits, and resume/digital portfolio building.

MUS 4951 Music Industry Internship (4)

Field application of theories and practices in professional music production, recording arts, or music technology industries.

Prerequisites: MUS 2702, 3711, 3702, and 4711.

14. Committee deferred the request from the Department of Political Science to **add** the following *major specializations*:

B.A. in Political Science with a Specialization in Courts, Justice, and Politics

B.A. in Political Science with a Specialization in Campaigns and Elections

B.A. in International Relations with a Specialization in Foreign Affairs and Diplomacy

B.A. in International Relations with a Specialization in Global Justice and Sustainability

15. Committee approved the request from the Women and Gender Studies Program to **change** the *prerequisites* for the following course:

WGS 3813 Sociology of Family (4)

Prerequisite(s): SOC 1000 or SOC 2200 or *WGS 1000*.

SD/as