

**Programs Committee**  
**Agenda Items for UCC September 10, 2019**

**Programs Committee new processes:**

- HLC program teach-out document
- Piloting new 1 reading process for program changes

**SECOND READINGS – PROGRAM CHANGES**

**1. The Patton College of Education**

Program Code: MS8160  
Program Name: Coaching Education  
Department: Recreation & Sport Pedagogy  
Contact: Stephen Harvey

The Coaching Education program wishes to make program changes after faculty completed their seven-year periodic program self-study and review by a college level committee.

- Reduction in credit hours from 36 to 30.
- Addition of COED 5213 Dynamics of Skill Acquisition (3 credits) as a core class and a reorganization of program electives to read “Choose 2 of the following”:
  - COED 6240 Social Dynamics of Coaching (new)
  - COED 6115 Foundations of Coaching II (existing)
  - COED 6130 Finance for Sports Coaches (existing)
  - COED 6180 Utilizing Technology in Athletic Coaching (existing)
  - COED 6230 Sports (existing)
  - COED 6340 Performance Recovery. (existing)

**2. The Patton College of Education**

Program Code: BS6175, BS6177, BS6180  
Program Name: Middle Childhood Education Math/Social Studies, Math/Science, Language Arts/  
Math  
Department: Teacher Education  
Contact: Mathew Felton

We are replacing the requirement for MATH 3070 with a newly created course EDMC 2300, because MATH 3070 was not best meeting students’ needs. This decision was made in collaboration with the Mathematics Department. This will not change total program hours.

**3. The Russ College of Engineering and Technology**

Program Code: BS7273  
Program Name: Bachelors of Science in Technical Operations Management  
Department: Engineering Technology & Management  
Contact: Zaki Kuruppalil

Removed BUSL 2000 from required business course and added the three credit hours to free electives.

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**4. Arts & Sciences**

Program Code: BS4242  
Program Name: Geography- Urban Planning and Sustainability  
Department: Geography  
Contact: Risa Whitson

We are proposing two changes:

- 1) Add GEOG 4799: Foundations for Capstone Research in Geography to the list of Geography Foundation courses. This change will result in the required credit hours for the program changing from 44 to 45.
- 2) Add GEOG 3450: Access to Water in a Changing World to the list of Core Electives. This is a new class which is appropriate for the core elective list for this major.

**5. Arts & Sciences**

Program Code: BS4240  
Program Name: Geography- Environmental Prelaw Geography  
Department: Geography  
Contact: Risa Whitson

We are proposing two changes:

- 1) Add GEOG 4799: Foundations for Capstone Research in Geography to the list of Geography Foundation courses. This change will result in the required credit hours for the program changing from 64 to 65 total credits (44 to 45 credits required in Geography).
- 2) Add GEOG 3450: Access to Water in a Changing World to the list of Core Electives. This is a new class which is appropriate for the core elective list for this major.

**6. Arts & Sciences**

Program Code: BS4238  
Program Name: Geography- Meteorology  
Department: Geography  
Contact: Risa Whitson

We are proposing two changes:

- 1) Add GEOG 4799: Foundations for Capstone Research in Geography to the list of Geography Foundation courses.
- 2) Remove GEOG 3030: Meteorological Observations (1 credit hour) and replace it with GEOG 3031: Meteorological Observations (2 credit hours). These change will result in the required credit hours for the program changing from 73 to 75 total credits (44 to 46 credits required in Geography).

**7. Arts & Sciences**

Program Code: BS4235  
Program Name: Geography- Geographic Information Science  
Department: Geography  
Contact: Risa Whitson

We are proposing to add GEOG 4799: Foundations for Capstone Research in Geography to the list of Geography Foundation courses. This change will result in the required credit hours for the program changing from 44 to 45.

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**8. Arts & Sciences**

Program Code: BS4232  
Program Name: Geography- Environmental Geography  
Department: Geography  
Contact: Risa Whitson

We are proposing two changes:

- 1) Add GEOG 4799: Foundations for Capstone Research in Geography to the list of Geography Foundation courses. This change will result in the required credit hours for the program changing from 65 to 66 total credits (44 to 45 credits required in Geography).
- 2) Add GEOG 3450: Access to Water in a Changing World to the list of Core Electives.

**9. Arts & Sciences**

Program Code: BA4231 & BS4231  
Program Name: Geography  
Department: Geography  
Contact: Risa Whitson

We are proposing to add GEOG 4799: Foundations for Capstone Research in Geography to the list of Geography Foundation courses. This change will result in the required credit hours for the program changing from 41 to 42.

**10. Arts & Sciences**

Program Code: BS3105  
Program Name: Actuarial Science  
Department: Math  
Contact: Todd Young

We are dropping the required courses MATH 4520 Stochastic Processes and MGT 2000 Introduction to Management. These course have become of marginal relevance to the actuarial profession.

We are adding MATH 3560 Theory of Interest. This course covers essential material and is design to prepare students for the Society of Actuaries exam SOA FM, which employers are coming to expect for internship applicants. This change decreases total program hours by 3 credits.

**11. College of Business**

Program Code: CTENTR  
Program Name: Entrepreneurship Certificate  
Department: Management  
Contact: Ana Rosado Feger

Remove ISE 4190 and ISE 4191 from the list of approved electives and add ISE 4192 to the list of approved electives because ISE 4190 and ISE 4191 have been combined by the ISE department.

Remove MGT 3710 from the list of approved electives.  
Rationale: It has been moved to the Applied Experience Section.

Add the following courses to the list of approved electives in the Entrepreneurship Certificate.

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- RFPD 3830 – Product Development, Evaluation and Distribution
- RFPD 4230 – Retail Merchandising – Promotional Strategy
- RFPD 4300 – Fashion Buying and Assortment Planning
- RFPD 4910 – Internship: Retail Merchandising and Fashion Product Development
- RFPD 4930 – Independent Study – Retail Merchandising and Fashion Product Development
- ART 3960 – Student Design Agency
- MDIA 4600 – Business of Hollywood Aug 2016

Current: “Applied Experience” lists only MGT 3730. We would like to add to the “Applied Experience” Section:

- MGT 3710 – Business Plan Design
- MGT 3735 – Entrepreneurship in Practice Rationale:

**SECOND READINGS – NEW PROGRAMS**

**1. College of Health Sciences & Professions**

Program Code: MSXX13

Program Name: Cardiovascular Perfusion

Department: Interdisciplinary Health Studies

Contact: Sally Marinellie

This proposal is for a Master of Science in Cardiovascular Perfusion (MSCP), a professional master’s degree that prepares post-baccalaureate students to work as cardiovascular perfusionists. The program will be housed in the College of Health Sciences and Professions (CHSP), Department of Interdisciplinary Health Studies (DIHS). Perfusion faculty will be housed at Cleveland Clinic’s Miller Family Heart and Vascular Institute, Ohio. The program is 53 semester credit hours.

A cardiovascular perfusionist is an allied healthcare professional, qualified by academic and clinical education, who operates the extracorporeal circulation equipment necessary to support a patient’s cardiopulmonary, circulatory, or respiratory function. The perfusionist monitors the patient’s blood circulation and keeps the surgical team informed of any changes as well as operating mechanical devices to assist the heart and lungs, and aide in conservation of blood.

The need for a graduate degree in the field reflects the increasing demands due to patient complexity and technological advances (Sistino, 2014). Hospitals and healthcare facilities recognize that high educational levels are associated with decreases in mortality, readmission rates, and length of stay. Furthermore, there is a need to train future perfusionists to be leaders in their discipline. Currently there are five certificate programs, four baccalaureate programs, and nine graduate programs for perfusion in the U.S. A graduate-level program is the desired entry level into the perfusion profession (Sistino, 2014; Toomasian, Searles, Kurusz, 2003).

Enrollment will be limited by the resources at Cleveland Clinic; it is expected that no more than seven students per year will be accepted into the program until additional resources become available.

This degree is a unique partnership with Cleveland Clinic. The Cleveland Clinic has been training perfusionists for over 50 years. Cleveland Clinic has the expertise and resources to deliver the instruction and supervision of students in this degree program. The degree would be administered

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by Ohio University, in the College of Health Sciences and Professions. The Department of IHS will offer the online non-perfusion courses to the students in the program

Non-Perfusion courses: (12 credit hours)

IHS 5520 - Research and Evidence-Based Practice in Healthcare  
IHS 5447 - Critical Thinking and Reasoning in Clinical Problem Solving  
HLTH 5850 - Quality Improvement in Healthcare Organizations  
IHS 5513 – Health Informatics for the Health Professions

Perfusion courses: (41 credit hours) (note: All of the courses below are newly proposed)

IHS 6921- Perfusion Practicum I – 4 cr  
IHS 6922- Perfusion Practicum II – 4 cr  
IHS 6923- Perfusion Practicum III – 4 cr  
IHS 6924- Perfusion Practicum IV – 4 cr  
IHS 6925 - Perfusion Practicum V- 5 cr

IHS 6301 – Perfusion Theory I – 3cr  
IHS 6302 – Perfusion Circuit – 2cr  
IHS 6303 - Clinical Implementation I - 2cr  
IHS 6304 – Perfusion Theory II- 2cr  
IHS 6305 – Clinical Implementation II – 2cr  
IHS 6306 – Perfusion Theory III- 2 cr  
IHS 6307 – Mechanical Support in Perfusion– 3cr  
IHS 6900 – Special Topics in Perfusion – 1cr

IHS 6940 - Research Seminar I –1 cr  
IHS 6941 - Research Seminar II – 1 cr  
IHS 6942 - Research Seminar III – 1 cr

The total number of credit hours required for completion of the degree: The degree requires a minimum of 53 credit hours.

**2. College of Health Sciences & Professions**

Program Code: CTX40G  
Program Name: Nursing Leadership Certificate  
Department: Nursing  
Contact: Char Miller

The proposal is for a Post-Masters Nursing Leadership (NL) certificate. This specialized focused certification will be available only to students who have a Master's degree in nursing. Completion of the NL Post-Masters Certificate Program will allow students who complete the certificate courses to be eligible for national certification from the American Nurses Credentialing Center (ANCC).

The Nursing Leadership certificate program prepares graduates for the advanced role of nursing and health care management. This specialty is designed to prepare nurses at the graduate level to manage the delivery of nursing and health care services across the spectrum of health care settings.

The program includes 20 credit hours of Nursing Leadership track courses. These courses provide the concepts related to the competencies for nursing leaders and prepare graduates for certification.

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Program of Study:

NRSE 6801 Leadership in Systems and Organizations 3cr

NRSE 6803 Health Policy and Advocacy 2 cr

NRSE 6804 Principles of Business and resource Management 3 cr

NRSE 6710 Nursing Administration 3 cr

NRSE 6212 Project Planning and Evaluation for APN 3 cr (100 clinical hours) 3 cr

NRSE 6829 Practicum for Nurse Leaders (300 clinical hours) 6 cr

**3. College of Arts & Sciences**

Program Code: CTX77U

Program Name: Certificate in Forensic Studies

Department: Linguistics

Contact: Michelle O'Malley

This certificate will provide an interdisciplinary overview of forensic studies, exploring scientific components of criminal investigation and criminal justice processes through a multidisciplinary lens. A wide range of courses in criminology, psychology, sociology, biology, business, linguistics, political science, accounting, chemistry, and cyber/data security, as well as other relevant disciplines, will give students the opportunity to learn about various notions, methods, and approaches behind criminal investigation and the criminal justice process.

Total # of credits required: 18 minimum

Required Courses:

CAS 2000 (3) (proposed): Foundations in Forensic Studies

LET 1450 (3): Introduction to Criminalistics and Forensic Science

SOC 2600 (3): Criminal Justice

Elective Courses: \*At least one course, or a minimum of 3 credit hours, from each of the following three categories must be completed, and at least one course must be at the 3000-level or above.

Category I: Social Sciences

LING 2800 - Language in America (3cr.)

LING 3880 – Forensic Linguistics (3cr.)

SOC 3640 - Police in Society (3 cr.)

SOC 4620 - Sociology of the Courts (3 cr.)

POLS 4570- National Security in the Contemporary Era (3 cr.)

Category II: Natural & Behavioral Sciences

PSY 3520 - Social Psychology of Justice (3 cr.)

ANTH 2010 - Biological Anthropology (3 cr.)

COMS 3601 - Courtroom Rhetoric (3 cr.)

BIOS 2500 - Genetics & Human Society (3 cr.)

BIOS 3640 - Forensic Biology (3 cr.)

Category III: Applied & Computational Sciences

ACCT 3200- Forensic Accounting (3 cr.)

CTCH 2640 - Computer & Network Security (3 cr.)

ITS 4510 - Telecommunications Network Security (3 cr.)

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MIS 2800 - Business Intelligence & Information Management (3 cr.)  
GEOG 2680 - GIS & Mapping (3 cr.)

**FIRST READING- PROGRAM CHANGES**

**1. College of Arts & Sciences**

Program Code: MA4416  
Program Name: Law, Justice & Culture  
Department: Center for Law, Justice & Culture  
Contact: Haley Duschinski

Changing credit hours from 34 hours to 32 hours. With this proposed program change, the degree will consist of 12 hours of core coursework, 16 hours of elective coursework, and 4 hours of research.

**2. College of Arts & Sciences**

Program Code: BA4903  
Program Name: African American Studies  
Department: African American Studies  
Contact: Gary Holcomb

AAS would like to change its requirements for the B.A. to reflect the requirements of other AAS programs outside of OHIO as well as other Humanities programs at OHIO. It is proposed that students will take a total of 18 credits instead of 12 divided between two concentration areas (e.g., 3 courses in HST for 9 credits, and 3 in Lit for 9 credits) then take 3 electives. Including the 3.0 introduction course, the student would be required to complete a total of 30.0 credit hours. Electives may come from the list under electives and/or other concentration areas not selected for their major.

**3. College of Arts & Sciences**

Program Code: BA4241  
Program Name: Geography- Globalization & Development  
Department: Geography  
Contact: Risa Whitson

Add GEOG 4799: Foundations for Capstone Research in Geography to the list of Geography Foundation courses. This change will result in the required credit hours for the program changing from 53 to 54 total credits (47 to 48 credits required in Geography).

Add GEOG 3450: Access to Water in a Changing World to the list of Core Electives.

**4. College of Arts & Sciences**

Program Code: BS3321  
Program Name: Geological Sciences  
Department: Geological Sciences  
Contact: Greg Springer

DROP GEOL 4660 from list of required courses for the major. Reduce number of core required credit hours from 41 to 38 hours.



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Under extra-departmental courses Component 3, add an Option 5 of taking the sequence below: PBIO 1140 - Foundations of Plant Biology -andPBIO 1150 - Plant Structure and Development This change is to give students additional options and flexibility in their schedules.

**5. College of Fine Arts**

Program Code: BM5101  
Program Name: Voice  
Department: School of Music  
Contact: Matthew James

Add new course (MUS 3751: Italian for Singers) as requirement for this degree. This will add one credit hour to the total required for the degree. The new sequence will emphasize the International Phonetic Alphabet, and the study of diction, phonology and grammar as appropriate for singing in English, Italian, German and French.

The new four-course sequence will be: MUS 3750, MUS 3751, MUS 3752 and MUS 3753.

Change the language requirement for this degree so that instead of requiring ITAL 1110 and either FR 1110 or GER 1110, the new requirement is two semesters of grammar in a single language (either Italian, or French, or German). This will not result in a change of credits for the degree, nor any additional resources.

**6. College of Health Sciences & Professions**

Program Code: BS8100  
Program Name: Community Health Services  
Department: Social and Public Health  
Contact: Heather Harmon

The Community and Public Health (CPH) major has a Health Science Core Requirement, Part I. Under this requirement, there are three options. We would like to revise the first option, which is named Health Science Core Option 1. We would like to remove BIOS 2030, 2035, and 3450 from this option. The Department of Biological Sciences will not be affected by this change as they are no longer offering BIOS 2030 and BIOS 2035. The BIOS 3450 is taught at a level that is not appropriate for our majors and requires more biological science background before taking it. We would like to add IHS 3020, a course that is currently being offered by the Interdisciplinary Health Studies Department, will better meet the educational needs of our students.

**7. College of Health Sciences & Professions**

Program Code: CTAPSU  
Program Name: Appalachian Studies Certificate  
Department: Social and Public Health  
Contact: Sally Marinellie

We are proposing: 1. Addition of IHS 2230 to the Appalachian Studies Certificate as a required course under “core requirements”; 2. Reducing minimum credit hours from 21 to 19; and 3. Minimizing redundancy in the electives by allowing the two selected core courses to fulfil the relevant elective category.



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**FIRST READING- NEW PROGRAM/ CERTIFICATE**

**1. College of Business**

Program Code: CTX84U  
Program Name: Banking and Financial Services Certificate  
Department: Finance  
Contact: Travis Davidson

The Banking and Financial Services Certificate program will consist of 15 credit hours including four required courses and one elective course. The program incorporates the economic foundation for the role of the banking industry as well as practical, hands-on applications and skills needed for success in a banking career. The courses will include coverage of: (1) the role that bank services play in the economy; (2) a practical knowledge of risk management tools used to improve bank performance; (3) the legal and ethical implications of the banking industry; (4) a foundational understanding of financial assets and financial institutions with which a bank may interact; (5) skills needed to market financial services to better serve the customer. The Banking and Financial Services Certificate will admit students from within the CoB and students from outside of the CoB.

Required Courses (3 hours each for a total of 12 credit hours):

1. MKT 3580 – Foundations of Professional Sales
2. FIN 3270 – Financial Markets and Institutions
3. FIN 4280 – Bank Management
4. FIN 4290 – Advanced Bank Management OR FIN 3310 – Risk and Insurance

Choose 1 of the following Elective Courses (3 hours):

1. REAL 1010 – Real Estate Principles and Practices
2. ITS 2010 – Understanding Internet Technology
3. MGT 2590 – Strategic Leadership Onboarding
4. MGT 3300 – Human Resource Management
5. MKT 4200 – Services Marketing

**2. College of Business**

Program Code: CTX83U  
Program Name: Financial Programming Certificate  
Department: Finance  
Contact: Travis Davidson

The Financial Programming Certificate program will consist of two required courses and three elective courses for a total of 15 to 17 credit hours. Interested students in the College of Business (CoB) can tailor their education to add programming skills in preparation for a career in the financial services industry, while non-CoB students can broaden their education and attain an industry-specific application of their complementary skills.

The program will incorporate two finance courses and three computer programming courses which include coverage of: (1) financial assets, institutions, and markets; (2) investment theories and applications; and (3) structure, design, and implementation of the computer programming languages C#, C++, and SQL.

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Required Courses (6 total credit hours):

1. FIN 3270 – Financial Markets and Institutions
2. FIN 3410 – Investments

Electives (9-11 credit hours total):

Group 1 (Choose two courses): C++ and C#

1. CS 2400 – Introduction to Computer Science I
2. CS 2401 – Introduction to Computer Science II
3. MIS 3200 - Systems Development
4. ETM 3030 – Applications of Object Oriented Programming

Group 2 (Choose 1 course): SQL

1. MIS 2800 – Business Intelligence and Information Management
2. ETM 3310 – Database Applications & Analytics

### **EXPEDITED REVIEW**

#### **1. College of Arts & Sciences**

Program Code: BS3323

Program Name: Geological Sciences Environmental Geology

Department: Geology

Contact: Greg Springer

Under extra-departmental courses BS Physics or Biology component, add an Option 5 of taking the sequence below: PBIO 1140 - Foundations of Plant Biology -and PBIO 1150 - Plant Structure and Development

Please rename the component, “Other Natural Sciences component”.

### **NOTIFICATIONS**

#### **1. The Patton College of Education**

Program Code: ME6396 & ME6397

Program Name: AYA Physical Science-Physics & AYA Physical Science-Chemistry

Department: Teacher Education

Contact: Danielle Dani

Request to suspend admissions and ultimately close AYA Physical Science-Physics & AYA Physical Science-Chemistry. No students have matriculated or graduated from these two programs since they were developed.

#### **2. Arts & Sciences**

Program Code: OR5224

Program Name: Russian Minor

Department: Modern Languages

Contact: Christopher Coski

Due to the necessity of reducing faculty in light of the recent budget crisis, the Department of Modern Languages would like to request that the Programs Committee consider approving a hiatus and suspension of admissions for the minor Program in Russian (OR5224). There are currently 9

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Russian minors who will either be able to complete the requirements while current faculty are here. Independent studies may also be used if necessary.

**3. College of Business**

Program Code: MS6100

Program Name: Management

Department: Management

Contact: Amy Taylor-Bianco

The Higher Learning Commission required the program to reduce the number of credit hours from 39-36 hours.