

Program Modification

Exercise Science- Pre-Rehabilitation Sciences, BS

Program Code: HH-EXSC-BSX

College: Health and Human Services

Department: School of Exercise and Rehab Science

Contact: Thomas McLoughlin

Summary: Add SOC 1010 Introduction to Sociology as a required social science course for students in the Pre-Rehabilitation Sciences concentration.

Rationale: This modification would streamline the program offering and ease the burden on the advising staff of tracking graduation requirements of students within this concentration. Currently, to meet the (6) total credit hours of social science requirements, students in the concentration are required to take PSY 1010 Principles of Psychology. However, for the additional three (3) credit hour social science requirement, students can select from a vast array of elective courses, which poses a challenge for tracking graduation progress for the nearly 200 students in the concentration.

Program changes

Social Sciences Core	3
SOC 1010 Introduction To Sociology	3

Note: The total credit hours for the program are unchanged.

Program Modification

Computer Science and Engineering Technology, BS Cyber Security Concentration

Program Code: EN-CSET-BCT

College: Engineering

Department: Engineering Technology

Contact: Jared Oluoch

Summary: The CSET program is introducing a concentration in Cybersecurity effective Fall 2020. Students choosing to concentrate in Cyber Security will take the following courses: CSET 4750, CSET 4850, EECS 4790 OR EECS 5790 and cybersecurity focused projects in CSET 3300 and ENGT 4050.

Rationale: A critical shortage of cybersecurity professionals exists both nationally and in Ohio. Demand in this field is expected to grow significantly across all sectors over the next decade. This focus area is designed to offer a sequence of cyber security courses (11 credit hours) to Computer Science and Engineering Technology (CSET) and Information Technology (IT) students who are interested in the field of cyber security and prepare them for cyber security jobs in industry or pursuing advanced cyber security studies in the Master's Programs in Cyber Security in College of Engineering at The University of Toledo.

Concentration Requirements

The students must take the following courses:

CSET 4850 Computer and Network Security	4
EECS 4790 Network Security or EECS 5790 Network Security (BS/MS track into the Master's Programs in Cyber Security)	4
ENGT 4050 Senior Technology Capstone (students need to choose Cyber Security Related Projects – this will be coded as its own section)	3

Program Modification

Early Childhood Education (Pre K-5), BE

Program Code: CE-ERLY-BE

College: Education

Department: Teacher Education

Contact: Cynthia Richard

Summary: The program is changing from Pre K – grade 3 to Pre K – grade 5, due to new state legislation, therefore pre-professional licensure/content courses are being added and courses that are no longer useful for the program have been deleted. A course on “Classroom Engagement and Behavioral Supports” was also created and added to meet state requirements. The order of some courses has changed.

Rationale: Two recent legislative actions prompted these curricular changes:

First, Senate Bill 216 requires that the Early Childhood teaching license transform from a PreK-to-grade-3 credential to a PreK-to-grade-5 credential. Additionally, this expansion in grade-bands for the teaching license forced the Ohio Department of Higher Education update the accreditation standards to which Early Childhood programs must adhere (i.e., new the accreditation standards are the CAEP Elementary Standards).

Secondly, House Bill 318 requires all Early Childhood programs to include instruction on Positive Behavioral Intervention and Supports (PBIS), social-emotional development, classroom systems for collecting data, responding to unwanted behavior, and impact of trauma.

Since the Faculty Senate meeting on April 14, the early childhood education faculty and the music faculty have met and discussed the proposal. They have agreed on the modification added below (in purple).

University Core and General Education

Select a minimum of 36-42 hours 36

Pre-Professional Education*

AED 2100 Art Education for the Pre-Primary and Primary Child	3
CI 3400 Foundations of Literacy	3
CIEC 3200 Early Childhood Education: Philosophy And Practice	3
CIEC 3350 Child, Family & Public Policy In Early Childhood	3
CIEC 4340 Infant/Toddler Curriculum	3
EDP 3200 Applied Psychology For Teachers	3
EDP 3210 Child Development For Early Childhood Educators	3
EDP 4210 Child Behavior And Development	3
EDU 1000 Orientation To Education	1
EDU 1700 Introduction to Education	3
ETPT 2020 Technology And Multimedia In Educational Environments	3
SPED 2040 Perspectives In The Field Of Exceptionalities	3
TSOC 2000 Diversity In Contemporary Society	3

Pre-Professional Licensure Content Courses (counted in University Core)

HIST 1060 World History From 1500	3
or HIST 1130 Introduction To Historical Thinking	
or HIST 2010 America To 1865	
or HIST 2020 America From 1865	
ENGL 2710 Reading Fiction	3
or ENGL 2720 Reading Drama	

or ENGL 2730 Reading Poetry	
or ENGL 2770 Ethnic American Literature	
or ENGL 2800 Writing About Literature	
GEPL 1010 Human Geography	3
or GEPL 1100 Environmental Geography	
ECON 1010 Introduction To Economic Issues	3
or PSC 1200 American National Government	
or SOC 1010 Introduction To Sociology	
or SOC 1020 Social Problems	
or SOC 2410 Communities - Writing Across the Curriculum	

Cohort Semesters**

Cohort I

CIEC 4070 Effective Teaching Practices, Pre-K To 3rd Grade	3
CIEC 4480 Field Experience: Cohort I	3
GIFT 4100 Educating Young Talented And Gifted Children	3
MED 3030 Music for the Early Childhood Teacher	2
SPED 4080 Curriculum Adaptations & Strategies In Early Childhood Education	3

Cohort II

CIEC 4460 Science Methods For Early Childhood Education	3
CIEC 3380 Field Experience: Socio-Cultural Dimensions Of Education	3
CI 3430 Phonics And Word Identification For Early Childhood Education	3
EDP 4240 Classroom Engagement and Behavioral Supports	3
CI 3460 Literacy And Reading Development For Young Children	3

Cohort III

CIEC 4550 Teaching Methods For Early Childhood Social Studies	3
CIEC 4770 Practicum: Primary Grades	3
CIEC 4750 Developmental Assessment In Early Childhood	3
CI 4110 Developing Instruction for Middle Grades 4-5 Literacy and Social Studies	3
CI 4120 Developing Instruction in Mathematics and Science for Grades 4-5	3
CI 4470 Literacy Assessment and Remediation	3
CI 4510 Mathematics For The Young Child	3

Cohort IV

CIEC 4930 Internship/Student Teaching	12 8-16
CIEC 4900 Internship/Student Teaching Seminar	3

~~129-137~~
126

Total Hours

*Must be completed prior to making application for professional standing. See advisor for sequencing.

**Final four semesters in the program.

Professional standing required. Students must register for all courses listed under each cohort semester.

See advisor for sequencing of courses.

Note: The total credit hours for the program are changed from 129-137 to ~~139~~ 126.

Program Modification

Public Health, BS

Program Code: HH-PUBH-BS

College: Health and Human Services

Department: School of Population Health

Contact: Joseph Dake

Summary: We are making some changes to the primary Public Health major, including the addition of one new course (Program Evaluation - submitted separately) as well as several changes in the required courses. The new courses being added have been vetted through the appropriate departments to ensure that us adding this did not create undue burden on their courses.

Rationale: After consultation with previous graduates who are working in the field as well as feedback from our program advisory committee, we have revamped the undergraduate public health program to strengthen areas of limitation within the program.

Program changes

MATH 1180	Reasoning With Mathematics	3
MATH 1320	College Algebra	3
KINE 2510	Human Anatomy	3
KINE 2520	Human Anatomy Lab	1
KINE 2530	Human Physiology	3
KINE 2540	Human Physiology Lab	1
EXSC 1560	Fundamentals of Anatomy and Physiology	3
EXSC 1460	Fundamentals of Anatomy and Physiology Lab	1
KINE 3520	Exercise Physiology	3
KINE 3530	Exercise Physiology Lab	1
EXSC 3240	Concepts of Exercise Fitness and Health Strategies	3
BIOL 2170	Fundamentals of Life Science	4
BIOL 2180	Fundamentals of Life Science Laboratory	1
BIOL 2010	Major Concepts In Biology	3
KINE 2590	Microbiology and Infectious Disease	3
EEES 1170	Microbes And Society	3
EEES 1130	Down To Earth: Environmental Science	3
HEAL 2940	Practicum in Community Health	2 +
HEAL 4940	Senior Field Experience	6 1+12
HEAL 4250	Program Evaluation	3

Note: The total credit hours for the program are unchanged (120).

Program Modification

Public Health-Pre-Medical Track, BS

Program Code: HH-PUBH-BS

College: Health and Human Services

Department: School of Population Health

Contact: Joseph Dake

Summary: We are making some changes to the primary Public Health major, including the addition of one new course (Program Evaluation - submitted separately) as well as several changes in the required courses. The new courses being added have been vetted through the appropriate departments to ensure that us adding this did not create undue burden on their courses.

Rationale: After consultation with previous graduates who are working in the field as well as feedback from our program advisory committee, we have revamped the undergraduate public health program to strengthen areas of limitation within the program.

Program changes

MATH 1180	Reasoning With Mathematics	3
MATH 1340	College Algebra & Trigonometry	3
HEAL 4250	Program Evaluation	3

Note: The total credit hours for the program are unchanged (120).