

Addendum

Included in this addendum:

- Environmental Science-Biology Track Update (page 117)
- CS and MATH Prerequisite Updates
 - CS 275-Prerequisite Update (Page 75, 101, 102, 229)
 - MATH 309- Prerequisite Update (Page 111, 133, 134, 135, 272)
- Nursing Updates
 - Nurse Educator Certificate-Program Director Change (Page 190)
 - SNP 525-Credit Hour Update (Page 301)
 - SNP 680-Name Change (Page 189, 301)
- Music Updates
 - Course Description Updates for Core Aesthetics courses (Page 279-280)
 - MUS 010A
 - 010B-C
 - 011
 - 012
 - 013
 - 014
 - 015
 - 020
 - 022
 - 030
 - 031
 - 050
 - 051
 - 052

Biology Track Update (page 117)-change is indicated in Red

Biology Track

Students must also satisfy the requirements for the B.S. with major in biology.

<u>Course Number and Title</u>	<u>Hrs.</u>	<u>Prerequisites</u>
Choose one:	3-4	
CHEM 320 Quant. Analysis	(4)	CHEM 104
EVS 320 Intro. To GIS	(4)	GEOL 101
GEOL 210 Natural Disasters: Severe Weather	(3)	None
GEOL 309 Geomorphology	(4)	GEOL 101
GEOL 403 Environmental Geochemistry	(4)	GEOL 101, CHEM 104
Choose at least one course from 2 of these 3 areas:	7-8	
Cellular and molecular courses:		
BIO 340 Microbiology	(4)	BIO 201, CHEM 104
BIO 424 Cell Biology	(4)	12 hrs. Bio., BIO 303
BIO 429 Biochemistry	(4)	CHEM 307
Biodiversity courses:		
BIO 205 Zoology	(4)	BIO 202
BIO 207 Botany	(4)	BIO 202
BIO 219 Entomology	(4)	BIO 202
BIO 328 Vertebrate Biology	(4)	BIO 202
Physiology courses:		
BIO 325 Anatomy & Physiology I	(4)	BIO 201
BIO 327 Plant Physiology	(4)	BIO 202
BIO 330 Principles of Toxicology	(4)	BIO 201, 202, CHEM 104
BIO 425 Adv. Human Physiology	(4)	16 hrs. Biology
BIO 301 Prof. Preparation	1	BIO, tox, env sci maj.; Jr. Status
BIO 303 Genetics	4	BIO 201 & 6 BIO hrs
BIO 310 Ecology	4	BIO 202
BIO 495 Biology Senior Seminar	1	24 hrs. Bio, Sr. Status
CHEM 307/307L Organic Chemistry I	4	CHEM 104
2 mathematics courses (Calculus and/or Statistics recommended)	6-10	
BIO Electives to reach 44 hrs.*	8-14	
	44 hrs.	
Environmental Science Core	28 hrs.	
	72 hrs.	

Note: At least 8 hours at the 300 Level or above; may include up to 3 hours of BIO 493 or no more than 9 hours of BIO 493, BIO 497, and BIO 498

CS/MATH Updates

CS 275-Prerequisite Update (Page 75, 101, 102, 229)

CS 275 **WEB PROGRAMMING** **3**

Prerequisite: CS 175

A continuation of CS 175, with emphasis on Web services and server-side programming using PHP.

MATH 309- Prerequisite Update (Page 111, 133, 134, 135, 272)

MATH 309 **HISTORY OF MATHEMATICS** **3**

Prerequisite: MATH 206 OR 202, and MATH 223

A survey of the historical development of mathematics through the calculus, together with problems appropriate to the topics and period being studied.

Nursing Updates

Online Nurse Educator Certificate Program Director Change (Page 190)

Program Director

T. Jody Hostetler, DNP, MEd, RN

SNP 525 Credit Hour Update (Page 301)

SNP 525 **HEALTH CARE OF THE SCHOOL** **3**
COMMUNITY

Prerequisite: Admittance to SNP program, recommended to take first in sequence of courses

Utilizing the National Association of School Nurses (NASN) Framework for 21st Century School Nursing Practice, students will gain foundational knowledge and skills of school nursing practice. The focus of this course is school nursing practice and the health care of a school community. The population of interest is students in the school, focusing on children as a vulnerable population because of their age. Sub-populations of school children may be considered vulnerable populations for reasons other than their age such as having special health care needs. The fundamental components of school nursing practice will be discussed in reference to the outcome of students who are healthy, safe, and ready to learn.

SNP 680-Name Change (Page 189, 301)

SNP 680 **SCHOOL NURSE INTERNSHIP** **2-4**

Prerequisite: SNP 518, 520, 525, PSYC 594, EDIS 546

This internship is designed to prepare the Bachelor's prepared registered nurse (RN) for practice as a school nurse in the provision of school nursing and school health services with children and youth which meets the national standards of the profession and the requirements of the State of Ohio. This is a precepted and/or supervised experience which provides the opportunity for the student to orient to the role of the school nurse. Under supervision, the student intern gradually assumes a full schedule of school nursing practice. The school nurse candidate is expected to gradually assume the school nursing role and responsibilities without the preceptor being present; however the preceptor shall be available at all times, and the school nurse candidate will not serve as a substitute school nurse during the experience, if they do not hold a substitute license. This study is broadening experience that involves the application of knowledge, skills, and attitudes obtained by the school nurse intern during the required courses specific to the school nursing certificate program.

Music Updates

Course Description Updates for Core Aesthetics courses (Page 279-280)

MUSIC 010A	UNIVERSITY BAND-MARCHING	1	MUSIC 020	WOMEN'S CHORUS	.5
<i>Prerequisite: None</i>			<i>Prerequisite: Audition</i>		
Marching Band meets in the fall semester only. Membership is open to students from all majors. The band appears at all home football games, selected campus and community events, and a selected away game or marching exhibition. The ability to play a wind or percussion instrument or ability to be part of the auxiliary units (color guard or feature twirler) is a prerequisite. Auxiliary members must audition. Major ensemble. No audition is required. Up to 3 hrs. combined for Core Aesthetics Requirement.			Promotes healthy vocalization, musical literacy and artistic development through choral music for treble voices. Up to 3 hrs. combined for Core Aesthetics Requirement.		
MUSIC 010B-C	UNIVERSITY BAND-SYMPHONIC	.5-1	MUSIC 022	UNIVERSITY CHOIR	1
<i>Prerequisite: Audition</i>			<i>Prerequisite: Audition</i>		
Symphonic Band meets in the late fall semester and in the spring semester. Membership is open to students of all majors. This ensemble stresses a high level of artistry and membership and is intended to be an active medium for the study and performance of fine literature for the modern band. For music majors, it also provides the opportunity to observe rehearsal techniques and to reinforce and synthesize other aspects of their musical study. The ability to play a wind or percussion instrument is a prerequisite. Major ensemble. Up to 3 hrs. combined for Core Aesthetics Requirement.			Allows students to rehearse, learn, and perform music suitable for the choral medium to a high degree of artistic excellence. Major ensemble. Up to 3 hrs. combined for Core Aesthetics Requirement.		
MUSIC 011	BRASS ENSEMBLE	.5	MUSIC 030	CHAMBER SINGERS	.5
<i>Prerequisite: Audition</i>			<i>Prerequisite: Audition</i>		
Students will study, practice, and perform brass chamber music. Up to 3 hrs. combined for Core Aesthetics Requirement.			Allows students to rehearse, learn, and perform music suitable for vocal chamber ensembles to a high degree of artistic excellence. In the fall semester, the focus is usually on a traditional Renaissance Madrigal Feast. Up to 3 hrs. combined for Core Aesthetics Requirement.		
MUSIC 012	WOODWIND ENSEMBLE	.5	MUSIC 031	OPERA WORKSHOP	.5
<i>Prerequisite: Audition</i>			<i>Prerequisite: Audition</i>		
Students will study, practice, and perform woodwind chamber music. Up to 3 hrs. combined for Core Aesthetics Requirement.			Students will rehearse, learn, and perform operatic literature resulting in a staged and costumed production at the end of the semester. Up to 3 hrs. combined for Core Aesthetics Requirement.		
MUSIC 013	PERCUSSION ENSEMBLE	.5	MUSIC 050	SPECIAL ENSEMBLE	.5
<i>Prerequisite: Audition</i>			<i>Prerequisite: Audition</i>		
Students will study, practice, and perform percussion ensemble music. Up to 3 hrs. combined for Core Aesthetics Requirement.			The preparation and performance of music composed for a particular combination of resources not covered by other ensembles. Up to 3 hrs. combined for Core Aesthetics Requirement.		
MUSIC 014	JAZZ ENSEMBLE	1	MUSIC 051	ASHLAND AREA COMMUNITY CONCERT BAND	.5
<i>Prerequisite: Audition</i>			<i>Prerequisite: None</i>		
Students will sight read, rehearse and perform jazz music in the big band idiom at their highest potential. In addition to campus performances, there will be concerts and tours off campus. Up to 3 hrs. combined for Core Aesthetics Requirement.			This band is intended for both university students and members of the Ashland community to continue their musical study, creative activity and aesthetic enrichment. It meets one evening per week in both fall and spring semesters. The band performs once in the fall semester and several times in the spring. It performs a wide variety of literature from Broadway selections and classic marches to masterworks transcribed or written for concert band. The ability to play a wind or percussion instrument is a prerequisite. No audition is required. Up to 3 hrs. combined for Core Aesthetics Requirement.		
MUSIC 015	JAZZ COMBO	.5	MUSIC 052	ASHLAND AREA CHORUS	.5
<i>Prerequisite: Audition</i>			<i>Prerequisite: None</i>		
Students will study, practice, and perform jazz music with emphasis on improvisation. Up to 3 hrs. combined for Core Aesthetics Requirement.			A mixed chorus that allows students to rehearse, learn, and perform choral music to a high degree of artistic excellence. Previous choral singing is helpful, though not required. This chorus sings regularly with the Ashland Symphony Orchestra. No Audition is required. Up to 3 hrs. combined for Core Aesthetics Requirement.		