



Academic Notes

ACADEMIC NOTES PUBLICATION SCHEDULE

Below is the publication schedule for the electronic copy of *Academic Notes*. All submissions for inclusion in *Academic Notes* are due in the Office of Academic Affairs no later than 11:00 a.m. on the Deadline for Items date shown below. Submissions must be in hard copy along with an email, zip drive, or CD with the same information. The electronic version must be formatted either in Word with pages with signatures scanned and inserted as a picture OR PDF saved as text and image. (Do NOT send PDF just saved as an image.) Information submitted to *Academic Notes* that is not accompanied by an electronic version or that is incomplete or unusable will be returned to the appropriate office. *Academic Notes* is available using Acrobat Reader at http://www.indstate.edu/academicaffairs/academic_notes.htm

If you have questions, please contact Yvonne Russell in Academic Affairs, extension 3662.

ACADEMIC NOTES PUBLICATION SCHEDULE

FALL 2014

<u>Deadline for Items</u>	<u>Issue Date</u>
October 15	October 27
October 22	November 3
October 29	November 12

CURRICULUM

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GRADUATE PROPOSALS

PROGRAM REVISIONS

COLLEGE OF ARTS AND SCIENCES: Psychology

Clinical Psychology PsyD. (96 credits minimum)

CIP Code: 190001 Major Code: 3768

Brief Summary:

The Psychology department wishes to make the following changes to their Clinical Psychology program:

1. PSY 677 (3 credit class) will be removed as a required course.
2. Students will take 1 credit of PSY 696 in Fall/Spring of 4th year (2 credits total).
3. Students will take 1 additional credit of electives.
4. Students will enroll for 2 credits of Psy 696 instead of 1 credit during the 2nd and 3rd year of the program.

Rationale for Change:

The first proposed change is being made due to a reduction in faculty. We are combining 2 courses into one course to save faculty resources (thus eliminating Psy 677).

We are also making changes to ensure that our program is meeting requirements established by our external accrediting body, American Psychological Association. The first of these changes is to add 1 credit of practicum (Psy 696) in the fall and spring semesters for students in the 4th year of the program, to ensure that students have the opportunity to process and discuss their external placement experiences with a licensed faculty member. We are also adding 1 credit of electives, increasing the requirement from 14 to 15 hours, as 15 hours is more consistent with the practice of taking five 3-credit classes. Lastly, we are increasing the number of credits of Psy 696 (Practicum) that students take during the 2nd and 3rd year of the program to better reflect faculty and student time required for this course. Students in the 2nd and 3rd year of the program are required to work 3-5 hours a week seeing clients in the ISU Psychology Clinic, attend 2-3 hours of weekly supervision, and also spend time writing reports and other documentation. Rather than enrolling for only 1 credit of Psy 696, we feel that 2 credits is a better reflection of the requirements of this course. Although this will increase the minimum course requirements for the program from 96 to 100 hours, this change will not impact student time to complete the program, as the change is intended to better reflect the time required for the practicum work that students currently are required to complete.

Proposed Catalog Copy:

Clinical Psychology PsyD. (100 credits minimum)

COURSE REQUIREMENTS OF THE PROGRAM

The Psy.D. Program in Clinical Psychology requires a total of 100 credits. Students are able to earn a master's degree, as part of the 100 total hours, after the second year of the program. Although the Program does not require obtaining the master's degree, it is strongly recommended because it assists with finding clinical placements and may give an advantage in seeking internships.

The 100 hours are distributed as follows: Psychology Core (33 credits), Clinical/Professional Core (40 credits), electives (15 credits), dissertation (12 credits), and Internship (1 credit hour). A grade of B- or better must be earned in all required courses. Any required course in which a grade lower than a B- is received must be repeated and any elective course in which a grade lower than a B- is received cannot be counted toward the 96 hours required for graduation. Students who receive two grades of C+ or lower will be expelled from the Program.

NOTE:

Courses in the 500 series are open to undergraduates as *400 series. Graduate students are required to do additional work of a research nature. A course taken at the 400 level may not be repeated at the 500 level.

PSYCHOLOGY CORE (33 CREDITS)

All of the following courses are required unless an alternative is listed.

BIOLOGICAL BASIS OF BEHAVIOR

PSY 608 - Proseminar: Biopsychology 3 credits
PSY 658 - Clinical Psychopharmacology 3 credits

COGNITIVE & AFFECTIVE BASIS OF BEHAVIOR

PSY 603 - Proseminar: Learning and Cognition 3 credits

SOCIAL BASIS OF BEHAVIOR

PSY 607 - Proseminar: Social Bases of Individual Behavior 3 credits

INDIVIDUAL DIFFERENCES

PSY 566 - Human Ontogeny 3 credits
PSY 662 - Theories of Personality 3 credits
PSY 668 - Advanced Psychopathology 3 credits

METHODOLOGY: THEORY, RESEARCH DESIGN, AND QUANTITATIVE METHODS

PSY 602 - Proseminar: Theoretical and Methodological Foundations of Psychology 3 credits

PSY 604 - Advanced Statistics 3 credits

PSY 680 - The Appraisal of Research in Clinical Psychology 3 credits

HISTORY AND SYSTEMS OF PSYCHOLOGY

PSY 521 - History and Systems of Psychology 3 credits

CLINICAL/PROFESSIONAL CORE (36 CREDITS)

REQUIRED CLINICAL COURSES (28 CREDITS)

COUN 666 - Multicultural Counseling 3 credits

OR

PSY 627 - Clinical Practice in a Pluralistic Society 3 credits

PSY 663 - Professional Clinical Psychology 3 credits

PSY 664A - Ability Assessment 3 credits

PSY 664C - Objective Personality Assessment 3 credits

PSY 665A - Foundations of Psychotherapy 3 credits

PSY 665B - Cognitive Behavior Therapy 3 credits

PSY 671 - Clinical Supervision 3 credits

PSY 676 - Advanced Psychological Assessment and Treatment 3 credits

PSY 690A-Z - Advanced Graduate Seminar 1-3 credits (1 credit required)

PRACTICUM REQUIREMENT (8 CREDITS)

Eight academic-year credits of practicum (PSY 696) or its equivalent are required for graduation, of which no more than one can be credited in a given semester.

CLINICAL PLACEMENT (2 CREDITS)

Fourth year students enroll in a total of 2 credits of Clinical Placement (PSY 796), 1 credit in the fall and spring semesters, but may sign up for additional placement credits dependent on their course load.

ELECTIVES (15 HOURS)

Students may select from numerous possible elective courses within and outside the Department to complete the 96 credits needed for graduation. No more than 3 credits of the following practicum and independent study courses will count as elective hours without approval of the student's Doctoral Committee and the DCT: PSY 696, 796, 697A, 697B, 698.

DISSERTATION (12 HOURS)

Students must complete 12 credits of PSY 799, Dissertation. Students cannot enroll for 799 credits until they enter doctoral candidacy.

INTERNSHIP (1 HOUR)

Students must complete one year of fulltime clinical internship in a training program approved by the Program and enroll for 1 credit hour of PSY 784.

Effective term: Fall 2015

UNDERGRADUATE APPROVALS

COURSE REVISIONS

COLLEGE OF TECHNOLOGY: Built Environment

CNST 214 - Plan Interpretation and Quantity Take-Off

3 credits

Interpretation of working drawings and quantity take-off for commercial and residential construction projects.

Prerequisites: CNST 111

Remove prerequisites to:

CNST 214 - Plan Interpretation and Quantity Take-Off

3 credits

Interpretation of working drawings and quantity take-off for commercial and residential construction projects.

A-F Grading

Effective term: Fall 2015

CNST 310 - Construction Safety

3 credits

An analysis of OSHA regulations as they pertain to the construction industry. Course includes job site visits and reporting. Upon successful completion of this course, students will receive a ten-hour OSHA certification.

Change description to:

CNST 310 - Construction Safety

3 credits

An analysis of OSHA regulations as they pertain to the construction industry. Course includes job site visits and reporting. Upon successful completion of this course, students will receive a thirty-hour OSHA certification.

A-F Grading

Effective term: Fall 2015

CNST 318 - Statics and Strength of Materials

3 credits

Analysis of static forces in construction materials and application of this knowledge to the design of structural components and systems.

Prerequisites: MATH 123

Change prerequisites to:

CNST 318 - Statics and Strength of Materials

3 credits

Analysis of static forces in construction materials and application of this knowledge to the design of structural components and systems.

Prerequisites: MATH 112 and MATH 115

A-F Grading

Effective term: Fall 2015

CNST 420 - Construction Surveying

2 credits

Basic surveying, use of instruments, recording and computing data, site layout, and earthwork.

Prerequisites: MATH 123.

Change credits and prerequisites to:

CNST 420 - Construction Surveying

3 credits

Basic surveying, use of instruments, recording and computing data, site layout, and earthwork.

Prerequisites: MATH 112, OR MATH 123, OR MATH 131.

A-F Grading

Effective term: Fall 2015

NEW PROGRAMS

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Kinesiology, Recreation, and Sport:

Nonprofit Leadership Minor (24-31 credits)

CIP Code: 31.0301 Major Code:

Brief Summary:

This proposal is one portion of a broader revision to the B.S. in Recreation and Sport Management (RCSM) program by adding a minor in Nonprofit Leadership to departmental offerings. This proposal is simply taking the nationally-recognized and award-winning ISU Nonprofit Leadership Alliance Certification Program and converting it into a minor. The total number of required credit hours is 24, which is a bit high, but necessary so that all students completing the minor will receive the Nonprofit Leadership Alliance – Certified Nonprofit Professional (CNP) national credential. It should be noted that the Indiana State University Nonprofit Leadership Alliance Certification Program was recognized as the 2013 Sprint Campus

Partner of the Year making us the #1 Nonprofit Leadership education program in the United States among 55 campus partners.

Student Learning:

In 2011, the national NLA office conducted a national revalidation study of the nonprofit education competencies/learning outcomes used as the basis for all NLA campus partners. The results of this study were published in: "The Skills the Nonprofit Sector Requires of Its Managers and Leaders." There were 3,200 nonprofit executives and human resource professionals who responded to the study and provided input and feedback on the program learning outcomes. The output of this study was a revised set of NLA nonprofit education learning outcomes (or competencies) that are intended to guide each of the 55 campuses' curricular and co-curricular experiences and requirements. The full revalidation report can be found at:

<http://www.nonprofitleadershipalliance.org/cnp/revalidation.html#sthash.pYgWGQu2.dpbs>

The new 2012 NLA learning outcomes/competencies for curriculum guidance can be found at:

<http://www.nonprofitleadershipalliance.org/cnp/competencies.html#sthash.8OP843BZ.dpbs>

Shortly after the Revalidation Study was published, the NLA national office funded a Cohen Grant project for 5 NLA campus/executive directors and 2 national staff members to develop the 2012 Nonprofit Management and Leadership Competencies and Learning Outcomes Rubric. This rubric is a comprehensive learning outcomes assessment guide for campus/executive directors to use for program revisions and growth. This rubric was used in the development of this proposal.

The proposal to create a Nonprofit Leadership minor is based on: 1) the national NLA Revalidation Study of Competencies; 2) the national NLA Learning Outcomes Rubric; and 3) the growth and national recognition of the ISU Nonprofit Leadership Alliance Certification Program.

Approved Catalog Copy:

Nonprofit Leadership Minor (24-31 credits)

CIP Code: 31.0301 Major Code:

The Nonprofit Leadership minor is an innovative course of study that prepares students for disciplinary-based careers in all nonprofit subsectors: faith-based; youth, human, and social services; environmental and conservation; animal-rights; fine, performing, and studio arts, humanities, and cultural; educational and historical; health and medical-related; and international non-governmental organizations. The minor leads to the Nonprofit Leadership Alliance credentialing as a Certified Nonprofit Professional (CNP). The minor compliments the following academic programs: human development and family studies, psychology, recreation management & youth leadership, sport management, social work, business, marketing, communication, public relations, criminology and criminal justice, theater, applied health sciences, and the University Honors Program-Leadership and Civic Engagement Concentration.

RCSM 150 - Intro Nonprofit Ldrshp &Mgt (3 credits)

RCSM 205 - Experience Management Cycle I (3 credits)

RCSM 310 - Nonprofit Ldrshp Practicum I (1 credit)

RCSM 332 - Public & Nonprofit Finance (3 credits)

RCSM 410 - Nonprofit Ldrshp Practicum II (1 credit)
RCSM 440 - Volunteer Management (3 credits)
RCSM 462 - Nonprft Ldrshp Profssnl Exp (1 credit)
RCSM 483 - Fundamentals of Fundraising (3 credits)
RCSM 489 - Advanced Nonprofit Admin (3 credits)
Internship (3 credits)

Note: All nonprofit internships must be in a nonprofit organization for a minimum of 300 contact hours and count for a minimum of 3 credit hours via ISU. A minimum of five nonprofit leadership competencies must be significantly addressed through pre-determined internship goals and objectives. The following internship credits may qualify for nonprofit leadership internship credit.

Effective term: Spring 2015

**COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Kinesiology,
Recreation, and Sport:**

**Outdoor Recreation Leadership Minor (19-21 credits)
CIP Code: 31.0301 Major Code:**

Brief Summary:

The Outdoor Recreation Leadership Minor will offer a 19-21 credit hour minor to prepare students for careers in the outdoor recreation industry.

Student Learning:

This proposal is one portion of a broader revision to the B.S. in Recreation and Sport Management (RCSM) program. RCSM majors must select one of four concentrations: Recreation Management and Youth Leadership (RMYL), Sport Management (SPM), Recreation Therapy (RT), or Nonprofit Leadership (NPL). Currently, the SPM Program Faculty in the Department of Kinesiology, Recreation, and Sport are concurrently revising the Sport Management Concentration. The existing program offers students in RMYL a choice of two outdoor courses. The new program in RMYL will no longer require outdoor recreation courses. The faculty is proposing this minor in order to meet the needs of many students with a desire to be prepared for careers in the Outdoor Recreation Industry. The new minor will use existing approved RCSM courses.

Approved Catalog Copy:

**Outdoor Recreation Leadership Minor (19-21 credits)
CIP Code: 31.0301 Major Code:**

The Outdoor Recreation Leadership minor is designed to prepare students for careers in the outdoor recreation industry. Potential careers include outdoor skill instruction, guiding, base

camp management, adventure education, outdoor adventure education, environmental education, natural resource management, wilderness therapy, search and rescue, equipment manufacturing and sales, and outdoor business enterprises, including the adventure travel industry.

Courses are designed to offer a broad base of education, training, and experience in outdoor recreation, adventure programming, tourism, and facility operations. This minor complements the following majors on campus: Criminology, Earth and Environmental Sciences, Geography/Geology, Recreation Management and Youth Leadership, Science Education.

Required Courses [19-21 credit hours]:

- RCSM 262 – Outdoor Living Skills (3 credits) or RCSM 464 – Consortium on Outdoor Recreation (3 credits)
- RCSM 361 – Introduction to Outdoor Education (3 credits)
- RCSM 363 – Design and Facilitation of Adventure Challenge Experiences (1 credit)
- RCSM 363L – Design and Facilitation of Adventure Challenge Experiences Lab (2 credits)
- RCSM 369 – Expedition Leadership (3 credits)
- RCSM 393 – Outdoor Recreation Leadership Fieldwork (3 credits)
- RCSM 460 – Organization and Administration of Camping (3 credits)
- RCSM 449 – Independent Readings and Research (1-3 credits)

Effective term: Spring 2015

PROGRAM REVISIONS

COLLEGE OF ARTS AND SCIENCES: Interdisciplinary Studies

New Department - Multidisciplinary Studies

Brief Summary:

This is a proposal for administrative restructuring to create a new department in the College of Arts and Sciences. The department will be Multidisciplinary Studies (MST) and will house the existing programs of the Multidisciplinary Studies Major and Minor, International Studies Minor, Philosophy Major and Minor, Sociology Minor, and Women's Studies (soon to be Gender Studies) Minor. The Philosophy faculty and Sociology faculty will be full-time faculty in MST. The Interdisciplinary Programs (IP) unit will be dissolved.

Rationale for Change:

Dean Murray charged the New Department Working Group with creating a new department centered around a common theme that would include, at a minimum, faculty from Philosophy and Sociology, the programs from those units, and the programs housed in Interdisciplinary Programs. Multidisciplinary Studies will be fully resourced and will solve some of the existing structural problems associated with an extremely small department (philosophy), the previous

dissolution of a department (sociology), and the lack of both faculty and monetary resources for the programs currently in IP. It is the hope that this new structure will better support faculty and students, encourage the growth of current programs, serve as a place for new program development, provide more opportunities for collaboration among the various constituents, and provide more opportunities for students to have access to a truly multidisciplinary experience.

Approved Catalog Copy:

Department of Multidisciplinary Studies

Chairperson:

Department Office: Holmstedt Hall, room 291

Web site:

E-mail: Barbara.McNeill@indstate.edu

The Multidisciplinary Studies Department offers several programs, including the Multidisciplinary Major and Minor, the Philosophy Major and Minor, the International Studies Minor, and the Women's Studies Minor.

[NOTE: no changes to program curricula are being proposed here, so the current programs will have hyperlinks changed so they connect to the new department.]

Effective term: Spring 2015

BAYH COLLEGE OF EDUCATION: Elementary, Early, and Special Education

Elementary Education Major

CIP Code: 131202 Major Code: 8542

Brief Summary:

The purpose of this proposal is to remove ELED 101, a 1 credit class, from the elementary education program and to no longer require a designated foundational studies course for Communication.

Rationale for Change:

ELED 101, a 1 credit class, will be removed from the elementary education program. The removal of ELED 101 and using ELED 200 as the introductory course will serve to increase program effectiveness through giving students a more substantive introduction to teaching as a profession, providing the scaffolding necessary for student retention, and better preparing students for the phase II courses. Removing the designated Communication course will allow students more choice in regard to the course they choose to fulfill the foundational studies requirement for Communication.

Approved Catalog Copy:

Elementary Education Major
CIP Code: 131202 Major Code: 8542

(85 credits minimum)

The student who desires to be an elementary teacher must remain in good standing in the Teacher Education Program and complete the program outlined below which will satisfy requirements for the bachelor of science degree or the bachelor of arts degree, provided the foreign language requirement is fulfilled. Satisfactory completion of the program will also make the individual eligible for the Standard Instructional License in the state of Indiana provided that the individual satisfies the test requirements. Upon completion of this degree, the holder can be licensed in the elementary, primary, and intermediate school setting.

Required Subject Matter (26 credits minimum):

A grade of C or better is required in each course as well as a minimum grade point average of 2.5.

- An approved Fine Arts class (ART 151 or ARTE 390) 3-4 credits
- EPSY 341 - Education in a Multicultural Society 3 credits (May fulfill Foundational Studies)
- AHS 327 - School Health for the Elementary Teacher 3 credits
- MATH 205 - Mathematics for Elementary Teachers I 3 credits
- MATH 305 - Mathematics for Elementary Teachers II 3 credits
- MUS 325 - Music in the Education of Children 3 credits
- PE 348 - Methods of Teaching Physical Education in Elementary Schools 2 credits
- ENG 280 - Children's Literature 3 credits

Choose one of the following:

- HIST 201 - The United States to 1877 3 credits (May fulfill Foundational Studies)
- HIST 202 - The United States since 1865 3 credits (May fulfill Foundational Studies)

Professional Education Component (59 credits minimum):

The professional education component in elementary education consists of a sequential pattern of course work integrated into phases. Each subsequent phase has the previous phase as a prerequisite. Prior to enrolling in Phase II, the student must have been admitted to Becoming a Complete Professional I. Early and continuous experiences with children in school settings are included throughout the professional education component and are an integral part of the professional courses. These practicum experiences are required to successfully complete each professional course, but do not carry course credit.

A grade of C or better is required in each course as well as a minimum grade point average of 2.5.

Phase I (8 credits):

- ELED 200 - Best Practices in Teaching 2 credits
- EPSY 202 - Psychology of Childhood and Adolescence 3 credits
- SPED 226 - The Exceptional Learner in the Regular Classroom 3 credits

Phase II - Admission to BCP I (15 credits):

- ELED 250 - Teaching-Learning and Classroom Management 3 credits
- ELED 250L - Teaching-Learning and Classroom Management 0 credits
- ELED 259 - Measurement and Evaluation in the Elementary School 3 credits
- ELED 324 - Emergent Literacy 3 credits
- ELED 335 - Early Childhood: Teaching and Learning in the Kindergarten 3 credits
- SPED 215 – Classroom Management 3 credits

Phase III (18 credits):

- ELED 392 - The Teaching of Elementary School Social Studies 3 credits
- ELED 394 - The Teaching of Elementary School Mathematics 3 credits
- ELED 397 - Teaching Developmental Reading and Other Language Arts 3 credits
- ELED 398 - Corrective Reading in the Classroom 3 credits
- ELED 400 - Theory to Practice 3 credits
- SCED 393 - Science in the Elementary School 2 credits
- SCED 393L - Science in the Elementary School Laboratory 1 credits

Student Teaching (12 credits):

- ELED 451 - Supervised Teaching 6 credits
- ELED 453 - Supervised Teaching 3 credits
- ELED 457 - Elementary and Special Education Capstone 3 credits

Electives and Courses for Additional License Area (6 credits minimum):

A grade of C or better is required in each course as well as a minimum grade point average of 2.5.

- Special Education
- Reading
- Early Childhood
- English as a New Language
- Middle School Math
- Other approved licensed area

Effective term: Fall 2015

BAYH COLLEGE OF EDUCATION: Communication Disorders and Counseling, School and Educational Psychology

**Pre-Speech-Language Pathology; Speech-Language Pathology Major
CIP Code: 51.0204 Major Code: 8642PRB; 8641BS**

Brief Summary:

We are proposing several changes in our undergraduate major. The main change is the elimination of CD 498: School Practicum which then eliminates the need for CD 422: Methods and Administration. We are adding a course in the major, CD 398: Introduction to Clinical Methods, and requiring two courses outside of the program to fulfill certification and licensing requirements. The two courses are statistics and a second science course, either a biologic or physical science. It is important to note that we will retain experiential learning opportunities through CD 398 and CD 400: Clinical Practicum in Speech, Language, Hearing. We are eliminating the Praxis I requirement and students will not need to meet other BCP-1 requirements. Therefore, we are eliminating the Pre-Speech Language Pathology major [8642PRB]. An increase in the GPA required to declare the major will increase from 2.5 to 2.75. We have retained the requirement for a grade of 'C' in all CD courses in the major and a 3.0 overall GPA to register for clinical practicum, CD 400.

Rationale for Change:

The decision to eliminate CD 498 resulted from an assessment of the feedback received from the supervising speech pathologists over the past several years and from the outcome of our most recent reaccreditation process. Despite adequate performance of the undergraduate students during the school practicum allowing individuals at the bachelor's level of training to provide services is inconsistent with state licensure laws that state that a master's level of preparation is necessary. The practitioners reported that it was difficult for them to obtain adequate support from their administrators to hire master's level clinicians when an undergraduate student performs their job for ten weeks. State licensure for speech-language pathologists who intend to practice in the schools is now administered by the Indiana Professional Licensing Agency. Speech-language pathology is no longer considered a teacher education program; therefore, the BCP-1 requirements are no longer necessary. Therefore, the Pre-Speech Language Pathology major is being eliminated.

New standards for obtaining the Certificate of Clinical Competence from the American Speech-Language-Hearing Association that will become effective September 1, 2014 requires coursework in Statistics. In addition, coursework in both biological and physical sciences is required for certification. This foundational coursework in sciences and statistics is expected to be completed as an undergraduate student. Therefore, the inclusion of this coursework as part of the major insures that students who pursue graduate studies and eventual certification will have the required foundational coursework. The addition of the new course, CD 398, was in response to analysis of student performance in CD 399 and 400. It was noted that the students needed much more supervisor direction because they were providing direct clinical services while

concurrently learning how to deliver services, plan intervention, and prepare clinical reports. CD 398 will enable students to fully engage in learning about the process of clinical service delivery, participate in guided observations of therapy sessions, and assist graduate clinicians in service delivery to gain experience in data collection and interpretation. With CD 398 as a pre-requisite to CD 400 it is expected that the students will be better prepared to provide clinical services with greater independence. We have increased the GPA to declare the major to account for the increased demand and competitiveness for entry into graduate studies.

Approved Catalog Copy:

Speech-Language Pathology Major (55 credits)

CIP Code: 51.0204 Major Code: 8642PRB; 8641BS

Students in this program will complete an undergraduate major that can serve as a prerequisite for admission to a graduate program for professional preparation in speech-language pathology. Completion of a master's degree is required to obtain the Certificate of Clinical Competence from the American Speech-Language-Hearing Association (ASHA CCC) and state licensure. The holder of the CCC's and a state license will be able to work with individuals at all age levels within a variety of settings (e.g., educational institutions, hospitals, rehabilitation centers, skilled nursing facilities, and private practice). Baccalaureate degree requirements are outlined below.

Required Courses:

Core coursework (42 credits)

- CD 211 - Phonetics 3 credits
- CD 212 - Anatomy and Physiology Basic to Communication 3 credits
- CD 213 - Speech and Language Development 3 credits
- CD 224 - Speech and Hearing Science 3 credits
- CD 225 - Articulation Disorders and Management 3 credits
- CD 226 - Language Disabilities 3 credits
- CD 303 – Psycholinguistics for Communication Specialists **OR** LING 210 – Introduction to Linguistics 3 credits
- CD 311 - Evaluation of Communication Disorders 3 credits
- CD 312 - Assessment of Auditory Pathologies 3 credits
- CD 323 - Introduction to Rhythm, Voice, and Neurogenic Communication Disorders 3 credits
- CD 324 - Speech and Language for the Hearing Impaired 3 credits
- CD 398 – Introduction to Clinical Methods and Procedures 3 credits
- CD 400 – Clinical Practicum in Speech, Language, Hearing 3 credits
- CD 411 - Phonological Theories and Disorders 3 credits

Related coursework (13 credits)

- 6 credits from professionally related areas from the following: AHS 237, AHS 238, AHS 336, CD 412, COUN 433, EPSY 202, EPSY 221, EPSY 341, EPSY 421, EPSY 422, PSY 344,

PSY 340, LING 316, LING 413, LING 417, LING 420, or others as approved by your advisor

- 3 credits in Statistics*
- 4 credits in either Biology [BIO 112], Chemistry [CHEM 100], or Physics [PHYS 101] depending on course used to meet the Laboratory Science Foundational Studies requirement*

*Note coursework in statistics, biologic science, physical science, behavioral science, and linguistics are required to fulfill American Speech-Language-Hearing Association certification requirements.

Note:

All students must have a minimum GPA of 2.75 declare the major and to enroll in CD 398. To be eligible to take advanced clinical coursework (CD 400) students must maintain a minimum overall grade point average of 3.0. A grade of 'C' is required for all CD courses in the major.

Effective term: Fall 2015

COLLEGE OF ARTS AND SCIENCES: Earth and Environmental Systems

Earth and Environmental Sciences Major (58-75 credits)

CIP Code: 400601 Major Code: 2124

Brief Summary:

The B.S. degree program is being reduced to 70 credits in compliance with the University's Long Program Review. This will be achieved by:

1. Removing ENVI 457 Environmental Geology from the geoscience core as it is not a typical core requirement in most geoscience programs. We have also encountered scheduling problems with ENVI 457 because it is offered every other year due to staffing issues. This makes it difficult for students to fit the course into their schedules, and forces them to complete the course without having the proper background. The two year rotation also results in large class sizes (e.g., 40 students), making it difficult to conduct the course in seminar format. ENVI 457 Environmental Geology will be added to the Directed Electives under the category of Environmental Processes.
2. Removing the option of completing PHYS 115/115L and PHYS 116/116L instead of PHYS 105/105L and PHYS 106/106L because PHYS 115/115L and PHYS 116/116L require an additional credit hour, each. If a student wishes to complete the higher level physics courses, the department advisor will petition for them to count in the program.

Additionally, a typo in the "Old Program" will also be corrected. Under the "Directed Electives" the word consultation will be changed to consultation.

We are also revising the major to provide our students with the option of completing either CHEM 106/106L General Chemistry II or ENVI 481 Geochemistry. The Earth and

Environmental Sciences major is relatively new, and we have found that our majors are very interested in applying chemistry to earth materials but are having a difficult time fitting ENVI 481 into their curriculum along with CHEM 106/106L. ENVI 481 is a suitable substitution because it has considerable overlap with CHEM 106/106L in the areas of thermodynamics, reaction rates, aqueous equilibria, and physical properties of earth materials. The students also benefit from the lab activities that are related more closely to geoscience applications. ENVI 481 content also focuses on soil and atmosphere geochemistry, organic geochemistry, and geochemical cycles. We believe it would be beneficial to the students to have the option of either pursuing the more traditional route of taking CHEM 106/106L or selecting ENVI 481 to enhance their career options. CHEM 106/106L is often required in graduate programs and would benefit those students pursuing advanced degrees. ENVI 481 is an important course for students pursuing careers in the environmental field and would be an option for students pursuing a B.S. in geosciences as a terminal degree.

Rationale for Change:

Students working in the environmental field often have successfully completed a chemistry sequence, but do not fully understand how the concepts are applied to interpret real world data and solve real problems. ENVI481 has been recently revised to provide students with lectures and field/laboratory activities that will help prepare them more directly for work in government and industry professions. The course presents many of the same basic concepts presented in CHEM106/106L but with explicit examples and applications to geosciences.

Approved Catalog Copy:

Earth and Environmental Sciences Major
CIP Code: 400601 Major Code: 2124

EARTH AND ENVIRONMENTAL SCIENCES MAJOR

(58-70 credits)

COMMON CORE FOR ALL DEPARTMENTAL CONCENTRATIONS (14 CREDITS)

ENVI 110 - Introduction to Environmental Sciences 3 credits
ENVI 110L - Environmental Sciences: Human and Environmental Change Laboratory 1 credits
ENVI 130 - World Cultures and Environments 3 credits
ENVI 170 - Earth Science 3 credits
ENVI 170L - Earth Science Laboratory 1 credits
ENVI 460 - Conservation and Sustainability of Natural Resources 3 credits

MATHEMATICS AND SCIENCE CORE FOR EARTH AND ENVIRONMENTAL SCIENCES MAJOR (16 CREDITS):

CHEM 105 - General Chemistry I 3 credits
CHEM 105L - General Chemistry I Laboratory 1 credits

MATH 131 - Calculus I 4 credits
MATH 132 - Calculus II 4 credits
PHYS 105 - General Physics I 3 credits
PHYS 105L - General Physics I Laboratory 1 credits

COMPLETE ONE OF THE FOLLOWING CONCENTRATIONS:

ATMOSPHERE AND SURFACES PROCESSES CONCENTRATION (13 CREDITS)

ENVI 211 - Physical Geography 3 credits
ENVI 350 - Geomorphic Processes 3 credits
ENVI 353 - Weather and Climate 3 credits

CHOOSE ONE PAIR FROM THE FOLLOWING:

CHEM 106 - General Chemistry II 3 credits
CHEM 106L - General Chemistry II Laboratory 1 credits
Or
PHYS 106 - General Physics II 3 credits
PHYS 106L - General Physics II Laboratory 1 credits

DIRECTED ELECTIVES (15 CREDITS)

See list below

GEOSCIENCE CONCENTRATION (24-25 CREDITS)

ENVI 270 - Earth History 3 credits
ENVI 380 - Mineralogy 3 credits
ENVI 382 - Petrology 3 credits
ENVI 385 - Structural Geology 3 credits
ENVI 389 - Introduction to Field Geology 1 credits
ENVI 389L - Introduction to Field Geology Laboratory 1 credits
ENVI 475 - Stratigraphy and Sedimentation 3 credits
PHYS 106 - General Physics II 3 credits
PHYS 106L - General Physics II Laboratory 1 credits

CHOOSE ONE FROM THE FOLLOWING:

ENVI 481 Geochemistry 3 credits
Or the pair of
CHEM 106 - General Chemistry II 3 credits
CHEM 106L - General Chemistry II Laboratory 1 credits

DIRECTED ELECTIVES (15 CREDITS)

See list below

DIRECTED ELECTIVES

FOR ATMOSPHERE AND SURFACES CONCENTRATION (AT LEAST ONE COURSE FROM EACH AREA):

ATMOSPHERE AND HYDROSPHERE:

ENVI 361 - Oceanography 3 credits
ENVI 453 - Climatology 3 credits
ENVI 454 - Introduction to Hydrology 3 credits

LANDSCAPES:

ENVI 351 - Regional Geomorphology 3 credits
ENVI 452 - Quaternary Environments 3 credits
ENVI 463 - Soil Genesis and Classification 3 credits

METHODS OF ENVIRONMENTAL ANALYSIS:

ENVI 401 - Geographic Information Systems: Applications 3 credits
ENVI 405 - Fundamentals of Remote Sensing 3 credits
ENVI 415 - Advanced Quantitative Geography 3 credits
ENVI 490 - Field Geography of the United States 1-6 credits

FOR GEOSCIENCE CONCENTRATION (NO MORE THAN 6 CREDITS FROM ANY CATEGORY):

ENVIRONMENTAL PROCESSES:

ENVI 350 - Geomorphic Processes 3 credits
ENVI 351 - Regional Geomorphology 3 credits
ENVI 450 - Environmental Modeling and Mapping 3 credits
ENVI 452 - Quaternary Environments 3 credits
ENVI 457 – Environmental Geology 3 credits
ENVI 463 - Soil Genesis and Classification 3 credits
ENVI 471 - Quaternary Paleoecology 3 credits
Or up to 3 credits of other related science courses in consultation with the major advisor.

GEOARCHAEOLOGY:

ENVI 201 - Prehistory and Climate Change 3 credits
ENVI 260 - Archaeology Laboratory Practicum 1 credits
ENVI 310 - Indians of North America 3 credits
ENVI 436 - Environmental Archaeology 3 credits
ENVI 445 - Archaeological Methods 3 credits

ENVI 446 - Midwestern Archaeology 3 credits
ENVI 447 - Current Issues in Archaeology 3 credits
ENVI 491 - Archeological Field School 6 credits
Or up to 3 credits of other related archaeology courses in consultation with the major advisor.

GEOBIOLOGY:

ENVI 308 - Human Evolution 3 credits
ENVI 440 - Human Ecology 3 credits
ENVI 458 - Medical Geology 3 credits
ENVI 465 - Fundamentals of Tree Ring Research 3 credits
ENVI 470 - Paleontology and Geobiology 3 credits
ENVI 479 - Global Biogeochemical Cycles 3 credits
Or up to 3 credits of other related science courses in consultation with the major advisor.

PHYSICAL GEOSCIENCES:

ENVI 376 - Dinosaurs, Quakes, and Volcanoes 3 credits
ENVI 376L - Dinosaurs, Quakes, and Volcanoes Laboratory 1 credits
ENVI 360 - General Astronomy 3 credits
ENVI 482 - Volcanic Processes and Hazards 3 credits
ENVI 483 - Mineral Resources 3 credits
ENVI 484 - Energy Resources 3 credits
ENVI 486 - Geophysics 3 credits
ENVI 489 - Field Geology 1-9 credits (take 3 credits)
Or up to 3 credits of other related science courses in consultation with the advisor.

RESEARCH:

ENVI 488 - Geoscience Research Methods 3 credits
ENVI 492 - Internship 3-6 credits
ENVI 496 - Advanced Research 1-6 credits
ENVI 497 - Seminar in Advanced Topics 1-9 credits
ENVI 499 - Senior Seminar and Research 1-3 credits (take 3 credits)

WATER AND GEOCHEMISTRY:

ENVI 356 - Water and Environmental Health 3 credits
ENVI 361 - Oceanography 3 credits
ENVI 454 - Introduction to Hydrology 3 credits
ENVI 455 - Groundwater Hydrology 3 credits
ENVI 456 - Lakes and Wetlands 3 credits
ENVI 481 - Geochemistry 3 credits
Or up to 3 credits of other related science courses in consultation with the major advisor.

Effective term: Fall 2015

COLLEGE OF TECHNOLOGY: Built Environment

Construction Management Major (90 credits)

CIP Code: 522001 Major Code: X08 E830 BS

Brief Summary:

Replace MGT 140 with MGT 301, Survey of Management, or TMGT 492, Industrial Supervision. (MGT 140 has been reduced to a 2 credit course; MGT 301 and TMGT 492 are more appropriate for our students.)

Eliminate TMGT 195, Introduction to Computer Applications. (This is no longer required by the ACCE.)

Replace MATH 123, Analytic Geometry and Trigonometry, with MATH 112, Trigonometry. (Trigonometry is adequate for our students. The ACCE requires 3 credit hours beyond college algebra and trig. They have informed us that Statistics, will meet that requirement, so MATH 123 is no longer necessary.)

Add SFTY 341 as an alternative to MATH 241.

Eliminate BUS 204, Ethics in Organizations. (This is no longer required by the ACCE.)

Eliminate ECON 331, Public Finance. (This is no longer required by the ACCE.)

Rationale for Change:

The American Council for Construction Education (ACCE) is the accrediting agency for Construction Management. The ACCE is in the process of changing their standards from credit hour based to learning outcomes based. Beginning in fall of 2016, the ACCE standards will be a combination of credit hour and learning outcomes. This is a significant change and requires the CM program to revise its curriculum. The ACCE specifies 20 learning outcomes that all construction programs must address. The CM Program has created a curriculum map that indicates the construction courses that will provide the learning outcomes. The ACCE still uses minimum credit hours for general education requirements. Moreover, the CM Program has revised the Assessment Plan to indicate which courses will be used for assessing the outcomes and when the assessment will occur. Upon approval, TaskStream will be revised accordingly.

Approved Catalog Copy:

Construction Management Major (81 credits)

CIP Code: 522001 Major Code: X08 E830 BS

Required Courses:

Construction Management:

CNST 101 - Ethics and Construction 3 credits

CNST 106 - Architectural Graphics 3 credits

CNST 111 - Construction Materials, Methods, and Equipment 3 credits

CNST 111L - Soils Laboratory 1 credit
CNST 201 - Construction Contract Documents and Project Delivery 3 credits
CNST 213 - Environmental and Mechanical Systems for Buildings 3 credits
CNST 214 - Plan Interpretation and Quantity Take-Off 3 credits
CNST 304 - Construction Scheduling 3 credits
CNST 306 - Commercial Design and Construction 3 credits
CNST 314 - Estimating and Bid Preparation 3 credits
CNST 318 - Statics and Strength of Materials 3 credits
CNST 330 - Construction Accounting, Finance, and Safety 3 credits
CNST 351 - Professional Internship 0 credits
CNST 418 - Design of Temporary Structures 3 credits
CNST 420 - Construction Surveying 3 credits
CNST 430 - Senior Seminar 1 credit
CNST 450 - Construction Project Management 3 credits
CNST 480 - Construction Capstone 3 credits
CNST 485 - Government Construction Contracting 3 credits

Electronics and Computer Technology:

ECT 369 - Electrical Construction 3 credits

Other Required Courses Outside of Department:

TMGT 492 - Industrial Supervision 3 credits OR MGT 301, Survey of Management

Accounting:

ACCT 200 - Survey of Accounting 3 credits

Business:

BUS 263 – Legal Environment and Business 3 credits

Directed Foundational Studies:

Quantitative Literacy:

MATH 115 - College Algebra 3 credits

Other Mathematics Courses:

MATH 112 - Trigonometry 2 credits

MATH 241 - Principles of Statistics 3 credits

Or

SFTY 341 - Applied Probability and Statistics for Engineering and Technology

Laboratory Science (eight credits of the following):

PHYS 105 - General Physics I 3 credits

PHYS 105L - General Physics I Laboratory 1 credit

Or

CHEM 105 - General Chemistry I 3 credits

CHEM 105L - General Chemistry I Laboratory 1 credit

Or

ENVI 110 - Introduction to Environmental Sciences 3 credits

ENVI 110L - Environmental Sciences: Human and Environmental Change Laboratory 1 credit

Or

ENVI 170 - Earth Science 3 credits

ENVI 170L - Earth Science Laboratory 1 credit

Social or Behavioral Sciences:

ECON 100 – Basic Economics 3 credits

Effective term: Fall 2015

GRADUATE APPROVALS

PROGRAM REVISIONS

COLLEGE OF NURSING, HEALTH AND HUMAN SERVICES: Advanced Practice Nursing

**Nursing Practice, Doctor of
CIP Code: 51.3818 Major Code: 9464**

Brief Summary:

Elimination of language from curriculum for DNP that requires 85 hours for baccalaureate prepared nurses to achieve the DNP degree. The program has been admitting only post-master's RN's since admitting its first class in 2010. All students are held to the 85 credit hour post BS requirement at degree attainment as per the ICHE document. The 85 credit hour post baccalaureate language, limits the progression of post-master's nurse applicants who completed master's programs with fewer than 46 graduate credits. When 46 or less credits are part of a master's program the student is unable to fulfill the 85 credit hours requirement unless they are enrolled in courses outside the program requirements to make up the difference. The DNP program has a minimum of 39 credit hours for degree completion. Up to a maximum of nine hours may be transferred in to apply toward the 39 credit hour minimum.

Requiring all post-master's applicants to achieve 85 post baccalaureate hours has led to an

inability to remain competitive with other programs and recruit graduates from ISU. Indiana has eight DNP programs physically located in the state and many other online programs that market to perspective students. ISU requires all post-master's applicants to take more credit hours, than seven of the eight programs. The 85 post-baccalaureate requirement currently in place forces students to take more than the already rigorous 39 credits rendering the program unable to compete with other entities. Removing this requirement for applicants and students who have already attained a graduate degree from an accredited nursing school of nursing will help us to sustain and increase enrollment.

The second issue to be addressed is the statement that does not allow for transfer of credit by applicants to the DNP program. The program requires 39 credits and the inability of students to transfer in credits within the guidelines of the School of Graduate and Professional Studies impacts student progression and is not consistent with other graduate and doctoral programs within the University.

Rationale for Change:

There is a need for clarification of language for post-master's prepared nursing applicants that desire to obtain their degree at ISU and specifically for entrance into the Doctor of Nursing Practice (DNP) program. Revised language will allow students from ISU and other institutions to gain entry into the DNP program at ISU in a seamless fashion. Currently, all applicants for admission to the DNP program are prepared at the master's level. Language within the approved Indiana Center for Higher Education DNP proposal (2009) included a Baccalaureate prepared RN to DNP degree attainment path because this was being contemplated at that time. To date, zero BS to DNP applicants have been considered, nor does the application process allow them consideration for admission. The original vague language created confusion that may discourage applications from students with a master's degree consisting of less than 48 credits. In addition, there is not an allowance for transfer credit. This greatly limits the pool of applicants in an already competitive field of programs offered in Indiana. As the 6th ranked on-line graduate nursing program in the United States we continue to strive to accept the best and the brightest students and facilitate a seamless transition from undergraduate to master's level education and promote doctoral level preparation (Graduateprograms.com, 2014).

It is proposed that the following language be removed from the DNP degree requirements; *the DNP program requires 85 post baccalaureate graduate credit hours, and students must complete a minimum of 39 credit hours at ISU.* In addition, removal of the requirement that *students entering the program prior to 2015 must have a completed master's degree to be eligible to enroll in the DNP program* be removed as it is no longer relevant for a post-master's only DNP program. Requested changes are a direct result of the abandoned efforts at the national level to strictly limit FNP practice entry to doctorally prepared nurse practitioners. This national change of course has been described in the white paper titled *Consensus Model for APRN Regulation: Licensure, Accreditation, Certification & Education (2008)* published by the American Association of Colleges of Nursing.

The new language does not affect the curriculum or the rigor of the program but clarifies language thereby more accurately depicting the programs past, present, and future practices.

Approved Catalog Copy:

Nursing Practice, Doctor of CIP Code: 51.3818 Major Code: 9464

(39 credits)

The DNP program consists of 39 credit hours post-master's degree. Students entering the program must have completed a master's degree from an accredited school of nursing to be eligible to enroll in the DNP program and may apply a maximum of 48 graduate credits and 700 hours of formal clinical supervised hours from their master's degree toward the degree requirement. Consistent with other DNP programs and the American Association of Colleges of Nursing and the National Organization of Nurse Practitioner Faculty there is no dissertation requirement. The program does include a rigorous scholarly project with a focus on the scholarship of research application for credit hours.

Core Courses (12 credits):

- AHS 612 - Epidemiology 3 credits
- APN 822 - Organizational Informatics 3 credits
- APN 825 - Analytical Methods 3 credits
- APN 842 - Health Policy Leadership 3 credits

Cognate Courses (9 credits):

- APN 810 - Community Health Planning 3 credits
- APN 840 - Culturally Competent Care 3 credits
- APN 850 - Rural/Underserved Residency 3 credits

Guided Elective (3 credits):

Nursing education (curriculum, texts, methods) or nursing administration (finance) 3 credits

Nursing Scholarship of Practice Courses (15 credits):

- APN 891 – DNP Scholarly Project I 3 credits
- APN 892 – DNP Scholarly Project II 3 credits
- APN 893 – DNP Scholarly Project III 3 credits
- APN 894 – DNP Scholarly Project IV 3 credits
- APN 895 – DNP Capstone Scholarly Project 3 credits

Effective term: Fall 2015

