Kinesiology

The Department of Kinesiology offers programs, which qualify graduates for positions as teachers in elementary, middle/junior high, and secondary schools or for alternative careers in private, industrial, and public settings. Whatever the student’s career aims may be, the programs provide a full range of intriguing and challenging professional opportunities in diversified curricula. The student can choose a discipline best suited to individual interests, talents, temperament, and future plans.

While studying new concepts, the student will observe the work of outstanding teachers, athletic coaches, and clinicians. Whichever direction is selected, the student will study and practice in modern facilities, with the latest equipment and will learn the most recent techniques.

Physical Education Teacher Education Major

The physical education teacher education major consists of courses, which are designed to meet the requirements of the Illinois State Board of Education and are, in most cases, transferable to meet requirements of other states. The laboratory and classroom experiences consist of basic and applied sciences, methods of teaching, and acquisition of physical skills, which include a variety of team and individual sports, exercise, and dance. The Physical Education Teacher Education program for undergraduate majors is designed to lead to a professional educator license. All Physical Education Teacher Education majors planning on becoming licensed teachers must apply for and be admitted to the University’s Teacher Education Program.

Students selecting the Physical Education Teacher Education Major are encouraged to complete a minor in coaching. This addition to the preparation for teaching will enhance a graduate’s employment opportunities.

Physical Education Teacher Education Degree Requirements

<table>
<thead>
<tr>
<th>Degree Requirements</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Core Curriculum Requirements - To include EDUC 211, EDUC 214, PSYC 102, KIN 201, PHSL 201, PHSL 208</td>
<td>39</td>
</tr>
<tr>
<td>Requirements for Major in Physical Education Teacher Education</td>
<td>38</td>
</tr>
<tr>
<td>KIN 113, KIN 118, KIN 216, KIN 220, KIN 300, KIN 301, KIN 305, KIN 313, KIN 314, KIN 320, KIN 321, KIN 323, KIN 345, KIN 370.</td>
<td></td>
</tr>
<tr>
<td>Professional Education Requirements - EDUC 301, EDUC 302, EDUC 303, EDUC 308, EDUC 313, EDUC 319, EDUC 401A, CI 360.</td>
<td>27</td>
</tr>
</tbody>
</table>
Degree Requirements | Credit Hours
--- | ---
Elective | 15
Total | 120

1 EDUC 211 and EDUC 214 are required courses that are included in the University Core Curriculum.

**Physical Education Minor**

A student with a minor in Physical Education in secondary education must complete the following courses:

**Physical Education Minor Requirements**

<table>
<thead>
<tr>
<th>Degree Requirements</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Activity Courses</td>
<td>7</td>
</tr>
<tr>
<td>KIN 113, KIN 116 or KIN 120, KIN 118</td>
<td>7</td>
</tr>
<tr>
<td>Required Methods Courses</td>
<td>5</td>
</tr>
<tr>
<td>KIN 305, KIN 323</td>
<td>22</td>
</tr>
<tr>
<td>KIN 201, KIN 300, KIN 301, KIN 313, KIN 320 or KIN 321, KIN 324, KIN 370</td>
<td>19</td>
</tr>
<tr>
<td>PHSL 201</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>34</td>
</tr>
</tbody>
</table>

**Exercise Science Major**

This program is designed for students who are interested in the study of Exercise Science. Preparation in this program enables the graduate to assess the components of human performance in healthy and clinical populations. Graduates are prepared for careers in public and private health and wellness programs as well as clinical programs for the rehabilitation of cardiac, cancer and pulmonary patients. Graduates have a foundation for continued study in professional programs such as physical therapy, occupational therapy, physician assistant, medicine, chiropractic and podiatry as well as graduate studies in exercise science.

**Exercise Science Degree Requirements**

<table>
<thead>
<tr>
<th>Degree Requirements</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Core Curriculum Requirements</td>
<td>39</td>
</tr>
</tbody>
</table>
### Degree Requirements

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>To include PSYC 102 and ZOOL 118 or ZOOL 115, HND 101, MATH 108, CHEM 140A.</td>
</tr>
</tbody>
</table>

### Requirements for Major in Exercise Science

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>KIN 201, KIN 300, KIN 313, KIN 318, KIN 320, KIN 321, KIN 324, KIN 342, KIN 355F, KIN 381, KIN 382, KIN 408, KIN 420, KIN 421, KIN 428</td>
</tr>
</tbody>
</table>

### Additional Requirements

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>CHEM 140B PHSL 201 PHSL 208 QUAN 402</td>
</tr>
</tbody>
</table>

### Electives

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>25</td>
<td></td>
</tr>
</tbody>
</table>

### Total

| 120 |

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### Sport Administration Major

This major is designed for students who are interested in working in various administrative areas in the realm of sport. Students are exposed to the economic, financial, legal, ethical, managerial, sociological, and psychological aspects of sport. Job opportunities exist at the professional, intercollegiate, interscholastic, community, and youth levels within the growing sport industry.

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**Sports Administration Degree Requirements**

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>39</td>
<td>University Core Curriculum Requirements - To include KIN 201, KIN 210; PSYC 102; PHIL 104; ECON 240.</td>
</tr>
</tbody>
</table>

### Requirements for Major in Sport Administration

<table>
<thead>
<tr>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>59</td>
<td>KIN 313, KIN 329, KIN 345, KIN 360, KIN 364, KIN 365, KIN 366, KIN 367, KIN 416 and KIN 455</td>
</tr>
</tbody>
</table>

### Additional Requirements

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>24</td>
<td>ACCT 210, ACCT 220; CS 200B; QUAN 402 or MGMT 208; MGMT 304; JRNL 396; MKTG 304; PSYC 323; CMST 280.</td>
</tr>
</tbody>
</table>

### Electives

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th></th>
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<tbody>
<tr>
<td>25</td>
<td></td>
</tr>
</tbody>
</table>

### Total

| 120 |

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**Admission Requirements:**

a. Incoming freshmen must rank in the top half of their high school graduating class and have a high school GPA equal to or greater than the minimum University admission requirement.
b. Students transferring from another program at SIU or students seeking admission from another institution should have a minimum overall GPA of 2.50 at the time of application. In addition, they should have completed at least 30 credit hours.

**Program Requirements:**

a. Students must maintain a minimum overall GPA of 2.50.

b. Students must earn a C or better in each of the sport administration courses that are aligned with the Sport Management Program Standards (nine courses): KIN 210, KIN 329, KIN 345, KIN 360, KIN 364, KIN 365, KIN 366, and KIN 367.

**Internship Requirements (KIN 455):**

a. Students must have a minimum overall GPA of 2.50.

b. Students must have completed a minimum of 90 credit hours and must have senior status, or they should obtain approval from the program coordinator.

c. Students should have completed all sport administration courses that are aligned with the Sport Management Program Standards (nine courses): KIN 210, KIN 329, KIN 345, KIN 360, KIN 364, KIN 365, KIN 366, and KIN 367.

Students wishing to gain experience in kinesiology and areas related to kinesiology may pursue work in aquatics and coaching.

**Minor in Coaching**

The minor in Coaching is designed to prepare non-teacher education students to become certified via the Illinois High School Association (IHSA) to coach at an educational institution in the state of Illinois. A minor requires 17 hours of KIN coursework to include KIN 201, KIN 313, KIN 324, KIN 329, KIN 345, and KIN 355C. Students may enroll in the coaching practicum (KIN 355C) once they have met the required prerequisites, are in their last year of coursework and have met with the instructor. The KIN 355C practicum requires a minimum of 90 hours of hands-on training under a certified coach. Students are required to meet with the KIN 355C instructor of record once they declare the coaching minor.

**Minor in Coaching Requirements**

<table>
<thead>
<tr>
<th>Degree Requirements</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required courses</td>
<td>17</td>
</tr>
</tbody>
</table>

- KIN 201, KIN 313, KIN 324, KIN 329, KIN 345, KIN 355C;
- KIN 201, KIN 313 & KIN 324 required before KIN 355C.
- KIN 329 & KIN 345 may be taken concurrently with KIN 355C. The Department of Kinesiology recommends these additional courses: KIN 320 and KIN 321

**Kinesiology Courses**

**KIN101 - Concepts-Physical Fitness** 101-2 Current Concepts of Physical Fitness. (University Core Curriculum) To foster a thorough understanding of scientific principles of physical fitness and to enhance the ability to utilize physical exercise toward achievement of healthful living. Lab fee: $3.

**KIN102A - Swimming I** 102A-2 Aquatics-Swimming I: Orientation to Swimming. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Swimming suits and towels are provided; however, students may provide their own one piece swimming suit (no pockets), towels and cap (optional). Long hair must be tied back. Goggles are recommended for
some classes. Prerequisite: course is open only to non-swimmers. Mandatory Pass/Fail grading. A $4 fee is required for all classes listed.

**KIN102B - Swimming II**

KIN102B-2 Aquatics-Swimming II. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Swimming suits and towels are provided; however, students may provide their own one piece swimming suit (no pockets), towels and cap (optional). Long hair must be tied back. Goggles are recommended for some classes. Prerequisite: KIN 102A or equivalent skills and safe in deep water. A $4 fee is required for all classes listed.

**KIN104A - Aerobic Dance**

KIN104A-2 Fitness-Aerobic Dance. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for all classes listed.

**KIN104B - Cycling**

KIN104B-2 Fitness-Cycling. Bicycle required and helmet. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for all classes listed.

**KIN104D - Strength Training**

KIN104D-2 Fitness-Strength Training. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for all classes listed.

**KIN104E - Walking and Jogging**

KIN104E-2 Fitness-Walking and Jogging. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for all classes listed.

**KIN104F - Weight Control**

KIN104F-2 Fitness-Weight Control. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for all classes listed.

**KIN105A - Badminton**

KIN105A-2 Individual and Dual Activities-Badminton. Three shuttlecocks required. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for all classes listed.

**KIN105B - Bowling**

KIN105B-2 Individual and Dual Activities-Bowling. Additional lane fee of $39 per credit hour and bowling shoes required. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for all classes listed.

**KIN105C - Golf**

KIN105C-2 Individual and Dual Activities-Golf. Six plastic golf balls required. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for sections A, D and E. A $10 fee is required for section C.

**KIN105D - Racquetball**

KIN105D-2 Individual and Dual Activities-Racquetball. Three racquetballs required. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for all classes listed.

**KIN105E - Tennis**

KIN105E-2 Individual and Dual Activities-Tennis. Three tennis balls and racquet. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for all classes listed.

**KIN105F - Basic Pocket Billiards**

KIN105F-2 Basic Pocket Billiards. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $10 is required for this section.

**KIN106A - Basketball**

KIN106A-2 Team Activities-Basketball. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for all classes listed.
KIN106B - Flag Football 106B-2 Team Activities-Flag Football. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for all classes listed.

KIN106C - Soccer 106C-2 Team Activities-Soccer. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for all classes listed.

KIN106D - Softball 106D-2 Team Activities-Softball. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for all classes listed.

KIN106E - Volleyball 106E-2 Team Activities-Volleyball. These courses are designed to provide an introduction to the fundamental skills and knowledge in the selected activities. Students must wear clothing appropriate for the activity. A fee of $4 is required for all classes listed.

KIN107 - Restricted Physical Education 107-1 to 4 Restricted Physical Education. For physically challenged students as recommended by Student Health Center and consent of instructor. Course not designed for students who can take other physical activity courses. Mandatory Pass/Fail.

KIN113 - Aquatics 113-2 Aquatics. This course provides the opportunity for the student to improve one's ability in swimming skills and strokes. It is designed to prepare the student to be safe in, on and around the water. It prepares the student to react in emergency situations by knowing and having the ability to perform the proper rescue techniques to use while maintaining one's own safety. Prerequisite: KIN 102A or equivalent skill. Restricted to Kinesiology Majors only.

KIN116 - Team Sports and Activities 116-3 Team Sports and Activities. This course is designed to introduce students to skills, lead up and modified games, strategies and basic rules of team sports. Emphasis will be on developing the basic skills through observation and analysis of movement patterns appropriate for various skill level. Restricted to Kinesiology Majors Only. Equipment fee: $4.

KIN118 - Rhythms and Dance 118-2 Rhythms and Dance. This course is designed to introduce the fundamentals of rhythm, basic dance steps and the elements of dance. Basic skills in square, folk, and social dance as well as basic rhythms and movement analysis will be covered. Lab fee: $4.

KIN120 - Individual Sports & Activities 120-3 Individual Sports and Activities. This course is designed to introduce students to skills, lead up games, strategies and basic rules of individual sports and activities. Emphasis will be on developing the basic skills through observation and analysis of movement patterns appropriate for various skill level. Restricted to Kinesiology Majors Only. Equipment Fee: $4.

KIN160 - Dance Concert Production 160-2 to 8 (2,2,2,2) Dance Concert Production Ensemble. A select group which choreographs, rehearses, produces, and performs one dance concert per semester and performs in other venues as feasible. Restriction: audition prior to first registration and consent of instructor each semester. 2.000 to 8.000 Credit Hours. 2.000 to 8.000 Lecture Hours.

KIN170 - Varsity Sports 170-2 Varsity Sports. The course is designed to teach skills and strategies as well as the rules and practices involved in a selected varsity sport. Prerequisite: Names must appear on an official NCAA squad list. Special approval needed from the instructor. Mandatory Pass/Fail grade.

KIN200 - History of Sport in U.S. 200-3 History of Sport in the United States. This course examines the development and significance of sport from 18th century Colonial America to the early 21st century United States. Factors such as religion, social and economic systems, urbanization, development of higher education, sport governance structures, gender, race, and ideas concerning the body are examined, and their impact upon sport is considered.

KIN201 - Movement Science 201-3 Introduction to Human Movement Science. (Advanced University Core Curriculum course) KIN 201 is a course designed to introduce students to scientific evidence related to the impact of exercise/physical activity on various physiologic systems and provide them with the knowledge necessary to promote health-related physical fitness. Students will be introduced to a variety of exercise science assessment techniques and training programs and will use the scientific method
during laboratory experiments. Satisfies University Core Curriculum Human Health requirement in lieu of 101 for kinesiology majors.

**KIN202 - PE for Classroom Teachers** 202-3 Physical Education and Activities for Classroom Teachers. The purpose of this course is to equip classroom teachers with the knowledge and skills to plan, implement, and evaluate appropriate and effective physical education progression. This course will consist of lectures, class participation, and demonstrations of teaching/movement and peer teaching/clinical experience. Dress must permit ease of movement. Restricted to at least sophomore standing.

**KIN205 - Instruct Strategies in PE** 205-3 Instructional Strategies in Physical Education. An introduction to planning and teaching physical education activities. Content includes lesson planning, practice of teaching skills through micro teaching, peer teaching, and analysis of teaching. Restricted to declared Physical Education Teacher Education majors.

**KIN210 - Diversity in American Sport** 210-3 Diversity in American Sport. (University Core Curriculum) Explores how historical and contemporary forces have shaped opportunities and experiences of various cultural groupings in American sport. The course focuses on diversity issues related to race, ethnicity, gender, social class, sexuality and physical ability/disability. Class utilizes a variety of interactive classroom activities to explore multicultural dynamics in sport and society.

**KIN216 - Teaching Team Sports** 216-3 Teaching Methods, Strategies and Development of Team Sports. The purpose of this course is to introduce students to instructional methods and strategies of teaching team sports. Emphasis will be placed on skill development and analysis of movement patterns, skill progressions, practical instructional methods, lesson planning and peer teaching. Restricted to PETE majors accepted into the Teacher Education Program.

**KIN220 - Teaching Individual Sports** 220-3 Teaching Methods, Strategies, and Skill Development of Individual Sports. The purpose of this course is to introduce students to instructional methods and strategies of teaching individual sports. Emphasis will be placed on skill development and analysis of movement patterns, skill progressions, practical instructional methods, lesson planning, and peer teaching. Restricted to PETE majors accepted into the Teacher Education Program.

**KIN230 - Youth Fitness & Training** 230-3 Youth Fitness and Sport Training. An exploration and examination of the scientific foundations underpinning the field of youth fitness and sport training. The student will learn to practically apply these principles into sound and developmentally appropriate practice in a manner that will enhance client movement ability, efficiency, and aptitude while preventing injury and maximizing performance.

**KIN257 - Current Work Experience** 257-1 to 5 Current Work Experience. The student receives credit for current work experiences. Credit is awarded for many practical experiences and must be related to kinesiology and in process. Prerequisite: at least C average in Kinesiology after 12 hours. Mandatory Pass/Fail.

**KIN258 - Work Experience** 258-1 to 5 Work Experience. The student receives credit for past work experiences. Credit is awarded for many practical experiences and must be related to kinesiology and already completed. Mandatory Pass/Fail. Prerequisite: at least C average in Kinesiology courses after 12 hours.


**KIN301 - Found/Org/Admin of PE** 301-3 Foundation, Organization and Administration of Physical Education. This course is designed to examine the historical and philosophical development of physical education. Students will gain a historical perspective of the physical education profession ranging from its earliest origins to its future development. The course will also examine the administrative and legal concerns relevant to the profession of physical education. Students will develop an understanding of the theories and principles involved in the administration and management of a physical education program. Specific concerns to be addressed are: (1) organizational and administrative processes, (2) program facilities and equipment, (3) personnel, (4) budget, (5) legal liabilities, and (6) public relations.
The emphasis throughout the course will be a practical application of administrative concepts for the physical education teacher. Restricted to KIN majors only.

**KIN302 - Normal/Pathological Kinesiology** 302-2 Kinesiology of Normal and Pathological Conditions. Force system, its relation to the mechanics of muscle action. Analysis of muscular-skeletal forces involved in physical activities.

**KIN303 - Kinesiology** 303-2 Kinesiology. Force system, its relation to the mechanics of muscle action. Analysis of muscular-skeletal forces involved in physical education activities.

**KIN304 - Mech Basis: Human Movement** 304-2 Mechanical Basis of Human Movement. Applies body mechanics with application of mechanical laws and principles to performance in physical activities.

**KIN305 - PE-Exceptional Children** 305-2 Methods of Teaching Physical Education for Exceptional Children. An introductory course designed to provide minimal competencies needed to teach the physically challenged students in the mainstream or special education setting. The course will also aid the special education classroom teacher in providing appropriate physical education. Prerequisite: KIN 313. Restricted to PETE majors in the Teacher Education Program. Concurrent enrollment in EDUC 308 required.

**KIN313 - Motor Behavior** 313-3 Motor Behavior. This course will introduce the student who will teach motor skills to people of any age to basic principles and concepts involved in the performance, control, and learning of motor skills. Emphasis will be on acquainting the student with age-related characteristics affecting motor performance, processes involved in the control of movement, and structuring the learning environment to maximize long-term retention of skills. Restricted to KIN majors only.

**KIN314 - Methods of Elementary PE** 314-3 Methods of Teaching Elementary Physical Education. The purpose of this course is for Physical Education students to develop knowledge and skills for planning, implementing, and evaluating appropriate and effective physical education progressions. The course will consist of lectures, class participation in demonstrations of teaching movement, and peer teaching/clinical experience. Prerequisite: KIN 113, KIN 118. Restricted to PETE majors accepted in the Teacher Education Program. Concurrent enrollment in EDUC 301. Concurrent enrollment in KIN 323 not permitted. Equipment fee: $4.

**KIN318 - Behavior Aspects of Exercise** 318-3 Behavioral Aspects of Exercise. This course will explore the theory and research related to the psychological and social aspects of exercise and how exercise may impact the individual's psychosocial health and behavior. The focus is on theory and application. It will cover theories and models of exercise behavior, psychosocial outcomes of exercise, social factors in exercise behavior, communication skills needed to help increase physical activity, policy, population, community, and individual physical activity interventions.

**KIN320 - Exercise Physiology** 320-3 Exercise Physiology. Immediate and long range effects of muscular activity on the systems. Integrative nature of body functions and environmental influence on human performance efficiency. Lab to be arranged. Prerequisite: KIN 201 or consent of instructor and PHSL 201. Lab fee: $10.

**KIN321 - Biomechanics Human Movement** 321-3 Biomechanics of Human Movement. The science of human motion is the basis of this course. The anatomical and mechanical principles of human motion will be studied as well as how these principles relate to skillful and efficient movement in humans. Prerequisite: KIN 300 or PTH 207.

**KIN322 - Teaching Practicum** 322-1 Teaching Practicum. Laboratory experience assisting with a physical education courses or in a school setting. Mandatory Pass/Fail.

**KIN323 - Methods of Secondary PE** 323-3 Methods of Teaching Secondary Physical Education. The purpose of this course is for physical education students to develop knowledge and skills for planning, implementing, and evaluating appropriate and effective physical education programs at the secondary level. The course will consist of lectures, class participation in demonstrations of teaching physical activity and peer teaching/clinical experience. Prerequisites: KIN 113, KIN 118. Restricted to PETE majors accepted in the Teacher Education Program. Concurrent enrollment in EDUC 302. Concurrent enrollment in KIN 314 is not permitted. Equipment fee: $4.
KIN324 - Essentials Athletic Injury Mgt 324-3 Essentials of Athletic Injury Management. This course is designed to provide basic information regarding risk management, prevention, recognition, first aid, taping, and wrapping of athletic injuries. The student will be required to successfully demonstrate basic strapping techniques, bandaging, splinting, CPR/AED & First Aid. The course will lead to certification in Adult/Child First Aid, CPR and AED. Certification fees payable to the local organization will be collected in class. Restricted to Junior/Senior standing only. Lab fee: $15.

KIN329 - Sport Governance 329-3 Sport Governance. This course provides a comprehensive overview of the fundamental aspects of management and administration within sport organizations. Specifically, this course focuses on practical applications of governance principles to amateur (interscholastic, intercollegiate, Olympics, and NPOs) and professional sport organizations operating at national and international levels.


KIN330B - Coaching Football 330B-2-26 (2 per section) Techniques and Theory of Coaching-Football.

KIN330C - Coaching Swimming 330C-2-26 (2 per section) Techniques and Theory of Coaching-Swimming.


KIN330E - Coaching Track & Field 330E-2-26 (2 per section) Techniques and Theory of Coaching-Track and Field.


KIN330G - Coaching Tennis 330G-2-26 (2 per section) Techniques and Theory of Coaching-Tennis.


KIN330L - Coaching Softball 330L-2-26 (2 per section) Techniques and Theory of Coaching-Softball.

KIN330M - Coaching Volleyball 330M-2-26 (2 per section) Techniques and Theory of Coaching-Volleyball.

KIN342 - Pharmacology for Sport/AH Prof 342-3 Pharmacology for Sport and Allied Health Professionals. This course is designed to make the allied health and exercise professional aware of the effects of prescription, non-prescription, performance enhancing and street drugs on the performance of physically active persons. Prerequisite: PHSL 201, CHEM 140A or 200/201.

KIN345 - Psych Social Aspects Sport 345-3 Psychological and Social Aspects of Sport and Physical Activity. This course exposes students to psychological and sociological concepts related to sport and physical education contexts. Primarily designed for future physical education teachers and coaches, the class examines how psychological and sociological principles relate to teaching and coaching contexts. Restricted to KIN majors only.

KIN350A - Special Topics-Kinesiology 350A-1-3 Special Topics-Kinesiology. The class will focus on various topics depending on the needs and interests of students and the expertise of faculty. 1 to 3 credit hours; may be repeated three times for a max of 9 hours. Special approval needed from the instructor.
KIN350B - Special Topics-Exercise Sci 350B-1-3 Special Topics-Exercise Science. The class will focus on various topics depending on the needs and interests of students and the expertise of faculty. 1 to 3 credit hours; may be repeated three times for a max of 9 hours. Special approval needed from the instructor.

KIN350C - Special Topics-Athletic Train 350C-1-3 Special Topics-Athletic Training. The class will focus on various topics depending on the needs and interests of students and the expertise of faculty. 1 to 3 credit hours; may be repeated three times for a max of 9 hours. Special approval needed from the instructor.

KIN350D - Special Topics-PE Teacher Educ 350D-1-3 Special Topics-Physical Education Teacher Education. The class will focus on various topics depending on the needs and interests of students and the expertise of faculty. 1 to 3 credit hours; may be repeated three times for a max of 9 hours. Special approval needed from the instructor.

KIN350E - Special Topics-Sport Adm/Coach 350E-1-3 Special Topics-Sport Administration/Coaching. The class will focus on various topics depending on the needs and interests of students and the expertise of faculty. 1 to 3 credit hours; may be repeated three times for a max of 9 hours. Special approval needed from the instructor.

KIN355A - Practicum in Aquatics 355A-2 to 14 (2 per section) Practicum-Aquatics. Restricted to written consent of instructor.

KIN355B - Practicum: Special Pops 355B-2 to 14 (2 per section) Practicum-Special populations. Restricted to written consent of instructor.

KIN355C - Practicum in Coaching 355C-2 to 14 (2 per section) Practicum-Coaching. The 355C practicum requires a minimum of 90 hours of hands-on training under a certified coach. See Coaching minor description for other details. Mandatory Pass/Fail. Restricted to written consent of instructor. Prerequisites: KIN 201, 313, 324, 329, 345. Co-requisite course (concurrent enrollment allowed): KIN 329, 345.

KIN355E - Practicum in Dance 355E-2 to 14 (2 per section) Practicum-Dance. Restricted to written consent of instructor.


KIN355G - Practicum:Teaching Sports 355G-2 to 14 (2 per section) Practicum-Teaching of Sport. Restricted to written consent of instructor.

KIN360 - Intro Sport Admininstration 360-3 Introduction to Sport Administration. The course will provide students with the foundations and principles of sport administration, including an overview of the structure of the sport industry and basic fundamental knowledge and skills necessary for the successful sport administrator. The course will address essential topics in sport administration, the history of sport administration, management and marketing principles, amateur and professional sport industry & career preparation.

KIN364 - Legal & Ethcl Issues in Sport 364-3 Legal & Ethical Issues in Sport. This course provides an extensive overview of legal principles and ethical issues in sport. This course will begin with an introduction to the different fields of law & a survey of the broad issues related to sport law (federal amendment, torts, contracts, labor relations). The second half of this course examines the basic philosophical issues concerning ethics and moral reasoning and how these issues relate to sport.

KIN365 - Business Aspects of Sport 365-3 Business Aspects of Sport. The course will provide students with basic knowledge and understanding of the principles, processes, and strategies related to financing, marketing and managing sport resources. The focus will be on applications of the principles and concepts of sport finance and marketing, and event management to the sport industry. The course will address a variety of current topics associated with the sport industry.

KIN366 - Sport Promotion Mgmt 366-3 Sport Promotion Management. This course provides an introduction to promotions and communications within the sport industry. This course is designed to help
students achieve a basic understanding of the principles, processes, and strategies pertaining to sport promotions and communications. Emphasis shall be placed on the application of promotional principles to the sport industry. This course addresses topics important to sport organizations, including sport consumers and their decisions, sport segmentation, the 4-Ps (Product, Price, Place, and Promotion), the role of sport media, media relations in sport, and sport public relations.

KIN367 - Sport Venue/Event Mgmt 367-3 Sport Venue and Event Management. This course provides students with the essentials of planning, funding, and managing facilities and events within the sport industry. This course will focus on specific strategies for organizing and executing sporting events. Topics include meeting the challenges of managing sport facilities, issues involved with crowd & alcohol management, risk management, event planning, event logistics, budget development, sponsorship proposals, negotiations and contracts, working with customers and athletes, and event promotion plans.

KIN370 - Assessment in PE 370-3 Measurement, Evaluation, and Assessment in Physical Education. The purpose of this course is to introduce students to the theory and practical application of measurement, evaluation, and assessment in physical education. The course will provide an overview of multiple assessments of student learning within the psycho-motor, cognitive, and affective domains covering basic statistical techniques and interpretation and application of performance results. Restricted to PETE majors accepted in the Teacher Education Program. Concurrent enrollment in EDUC 303.

KIN380 - Aerobics 380-2 Aerobics. A study of theoretical and practical framework within which the concepts of aerobic fitness exist. Both an evaluation and a hands-on experience with the direct and indirect procedures commonly used to determine oxygen uptake capacity and aerobic power. A thorough discussion of the meaning of aerobic fitness as it applies to general fitness of the adult and aging person. Prerequisite: KIN 320. Restricted to junior standing. Special approval needed from the instructor in the semester prior to enrollment.

KIN381 - Exercise & Nutrition 381-3 Exercise and Nutrition. This course develops the interrelationship of exercise and nutrition. The course begins with an overview of food nutrients and bioenergetics. It then examines optimal nutrition for physical activity, nutritional ergogenic aids, and weight control and disordered eating. Prerequisite: KIN 320. Restricted to junior standing.

KIN382 - Cardiovascular Test/Exercise 382-3 Graded Cardiovascular Testing and Exercise Prescription. A study of the controlled use of exercise to evaluate the cardiovascular function of an adult population and in specific persons of middle and older aged groups. The scientific basis of recommending exercise programs as a preventive rather than a treatment of heart disease will be stressed. Prerequisite: KIN 320. Restricted to junior standing.

KIN400 - Psychology of Injury 400-3 Psychology of Injury. This course will explore the theory and research related to the psychological aspects of injury and injury rehabilitation. The focus is on theory and application. Case studies will be used to explore assessment and intervention approaches relevant for different levels of athletic training, sports medicine and sport psychology professionals.

KIN402 - Exer Prog Cancer Survivors 402-2 Exercise Programming for Cancer Survivors and Caregivers (Strong Survivors Staff Training). The primary goal of this course is to give both graduate and undergraduate students the necessary tools to successfully prescribe and administer safe and effective exercise programs and assessments for cancer survivors and caregivers as a staff member for the Strong Survivors Exercise and Nutrition Program for Cancer Survivors and Caregivers. The course will also give students a baseline of knowledge that will help prepare them to sit for cancer exercise trainer certification exams. Special approval needed from the instructor.

KIN408 - Advanced Exercise Prescription 408-3 Advanced Exercise Prescription. Advanced exercise prescription provides an analysis of physical fitness as it relates to the total well-being of the individual. The course contains specific units on fitness parameters, hypokinetic disease, stress, current levels of physical fitness, but emphasizes the creation of training programs. The course contains exercise prescription for healthy, at risk, overweight and chronically ill populations. Prerequisite: KIN 382 and KIN 320.

KIN416 - Team Building 416-3 Introduction to Team Building. The purpose of this course is to acquaint students, teachers, coaches and administrators with the “team building model”. The course will focus on icebreakers, trust and communication initiatives, problem solving skills and processing. The goal of this
introductory course is for the participants to become familiar and acquire team building skills, to develop a workable team building model and initiate the plan in the classroom or workplace.

**KIN420 - Advanced Exercise Physiology** 420-3 Advanced Exercise Physiology. The general physiological effects of motor activity upon the structure and function of body organs; specific effect of exercise on the muscular system. Prerequisite: PHSL 201 and KIN 320.

**KIN421 - Principles Skel Muscle Action** 421-3 Principles of Skeletal Muscle Action. The neural, physiological and mechanical basis of skeletal muscle action and plasticity in relation to the expression of strength and power. Prerequisite: PHSL 201 and KIN 320.

**KIN428 - Phys Act/Exercise-Older Adults** 428-3 Physical Activity and Exercise for Older Adults. (Same as GRON 428) This course is designed to introduce the student to physical changes of the older person with reference to activity and exercise and to teach the student about rational activity and exercise programs for the older person with consideration of the care and prevention of typical injuries that may occur with such programs.

**KIN455 - Internship in Sports Admin** 455-1 to 12 Internship in Sports Administration. The internship is a culminating experience directly related to the student's intended employment or area of interest. To enroll students must be of senior status (at least 90 credit hours completed) and have a 2.5 g.p.a or have approval from the instructor. Prerequisites include KIN 301, KIN 329, KIN 345, KIN 360, KIN 364, and KIN 365. All conditions of placement, conduct and evaluation of the internship will be under jurisdiction of the appropriate faculty.

**KIN493A - Individual Research: Dance** 493A-2 to 4 Individual Research-Dance. The selection, investigation, and writing of a research topic under supervision of an instructor. Written report required. Special approval needed from the instructor.

**KIN493B - Individual Research:Kinesiology** 493B-2 to 4 Individual Research-Kinesiology. The selection, investigation, and writing of a research topic under supervision of an instructor. Written report required. Special approval needed from the instructor.

**KIN493C - Individual Research:Measurement** 493C-2 to 4 Individual Research-Measurement. The selection, investigation, and writing of a research topic under supervision of an instructor. Written report required. Special approval needed from the instructor.

**KIN493D - Ind Research:Motor Development** 493D-2 to 4 Individual Research-Motor Development. The selection, investigation, and writing of a research topic under supervision of an instructor. Written report required. Special approval needed from the instructor.

**KIN493E - Ind Res:Physiology of Exercise** 493E-2 to 4 Individual Research-Physiology of Exercise. The selection, investigation, and writing of a research topic under supervision of an instructor. Written report required. Special approval needed from the instructor.

**KIN493F - Ind Res:History & Philosophy** 493F-2 to 4 Individual Research-History and Philosophy. The selection, investigation, and writing of a research topic under supervision of an instructor. Written report required. Special approval needed from the instructor.

**KIN493G - Indiv Research:Motor Learning** 493G-2 to 4 Individual Research-Motor Learning. The selection, investigation, and writing of a research topic under supervision of an instructor. Written report required. Special approval needed from the instructor.

**KIN493H - Ind Res:Psycho/Social Aspects** 493H-2 to 4 Individual Research-Psycho-social Aspects. The selection, investigation, and writing of a research topic under supervision of an instructor. Written report required. Special approval needed from the instructor.

**KIN493I - Ind Res: Sport Management** 493I-2 to 4 Individual Research-Sport Management. The selection, investigation, and writing of a research topic under supervision of an instructor. Written report required. Special approval needed from the instructor.

**KIN494A - Practicum in Kinesiology** 494A-1 Practicum in Kinesiology. Supervised practical experience at the appropriate level in selected kinesiology activities in conjunction with class work. Work may
be in the complete administration of a tournament, field testing, individual or group work with special populations, administration of athletics or planning kinesiology facilities. Special approval needed from the instructor.

**KIN494B - Practicum in Kinesiology** 494B-1 Practicum in Kinesiology. Supervised practical experience at the appropriate level in selected kinesiology activities in conjunction with class work. Work may be in the complete administration of a tournament, field testing, individual or group work with special populations, administration of athletics or planning kinesiology facilities. Special approval needed from the instructor.

**KIN500 - Techniques of Research** 500-3 Techniques of Research. Study of research methods and critical analysis of research literature specifically applied to the areas of sport exercise and motor performance. Special approval needed from the instructor.

**KIN501 - Foundations of Sport/Fitness Mgmt** 501-3 Foundations of Sport and Fitness Management. An introduction to broad concepts and issues regarding the management of health clubs, corporate fitness programs; and various components of amateur and professional sport organizations. Students will investigate foundational aspects of sport and fitness management, examine requirements for operating successful programs, and gain insight into various career opportunities.

**KIN502 - Interview Research** 502-3 Methods of Interview Research. This course will familiarize students with the theory and techniques of interview research and demonstrate the application of this research method to practice. Students will engage in a group interview project focusing on a selected issue and an individual project utilizing interview research in their specialty area. No prerequisites required.

**KIN503 - Seminar in Kinesiology** 503-2 Seminar in Kinesiology. Making a systematic analysis of problems and issues encountered in the conduct of kinesiology. Selection of a problem or issue that is a concern to Kinesiology and suggestion of solutions.

**KIN504 - Psych Aspects of Sport** 504-3 Psychological Aspects of Sport. This course presents the theoretical and empirical foundations of sport psychology. Operating from a conceptual rather than an applied framework, this class develops an understanding of social psychological phenomena and processes related to participation in sport and physical activity (e.g., personality, anxiety, arousal, achievement motivation, social facilitation, aggression, pro-social behavior, group dynamics).

**KIN505 - Topical Seminar in Kinesiology** 505-3 to 12 (3 per topic) Topical Seminar in Kinesiology. Students may concentrate on different topics each semester dependent upon both the interests of the students and the expertise of the graduate faculty. Special approval needed from the instructor.

**KIN506 - Medical Aspects of Exercise** 506-3 Medical Aspects of Exercise. This course is a presentation/discussion style course in which students will examine and discuss the principles of exercise testing and prescription for individuals from a wide variety of disease/disability backgrounds. Discussion will include issues of caution/contradiction for various forms of exercise, the role of exercise as a therapeutic modality and exercise as a means of preventive medicine. Prerequisite: KIN 420.

**KIN507 - Organizational Behavior in Sport** 507-3 Organizational Behavior in Sport. This course provides students with an examination of fundamental theories and practices related to behavior of individual and groups in sport organizations. The focus will be on the practical application of the theories to the actions of sport and physical activity managers. Special emphasis will be on: ethics in organizations, leadership, managerial decision making, motivation, organizational commitment, and managing a diverse work force.

**KIN508 - Administration of Athletics** 508-3 Administration of Athletics. Designed to present a broad view of the role, structure and governance of interscholastic and intercollegiate athletics programs. This course will enable students to develop and comprehend current knowledge, theories and practices in athletic management which operate within a framework of state and national governance policies and rules.

**KIN510 - Motor Development** 510-3 Motor Development. In-depth study of the development of gross motor skills from infancy through adolescence, the biological and environmental variables that affect motor development, and individual differences in attaining motor proficiency. In addition, selected current issues in motor development will be examined. No prerequisite.
KIN511 - Biomech Analysis Hum Mov 511-3 Biomechanical Analysis of Human Movement. Biomechanical concepts will be reviewed, as well as discussion concerning tissue mechanics, and the integration of the neural control of movement. Importance will be placed on application of mechanical principles when analyzing basic human movements. Includes completion of a topical research paper. Prerequisite: KIN 321 or equivalent.

KIN512 - Biomechanic:Human Motion 512-3 Biomechanics of Human Motion. Methods of data collecting and analyzing the biomechanics of human motion under normal and pathological conditions are covered. Students complete a biomechanical study for a one segment motion.

KIN513 - Social Aspects of Sport 513-3 Social Aspects of Sport and Physical Activity. This course presents the theoretical and empirical foundations of sport sociology. It is a survey course designed to introduce you to a variety of topics concerned with sociological aspects of sport and physical activity. A research-based approach is used to explore the relationship of sport to various social institutions, as well as the role of social processes in sport and physical activity contexts.

KIN514 - Res/Practice Appl Sport Psyc 514-3 Research and Practice in Applied Sport Psychology. This course examines current research and practice in applied sport psychology. Emphasis will be placed on moving from theory into practice on sport-specific individual differences, motivational approaches, and interventions.

KIN515 - Body Composition & Performance 515-3 Body Composition and Human Physical Performance. Physical dimensions of the human body as they influence motor performance and are modified by protracted physical exercise. Prerequisite: KIN 420 or equivalent.

KIN517 - Athletic Facility Design 517-3 Athletic and Kinesiology Facilities Design, Construction, and Maintenance. This course examines the principles and states of planning to manage an Athletic and Kinesiology facility. Basic principles of design, construction, maintenance and how to manage facilities based upon program characteristics.

KIN520 - Metabolic Analys: Hum Activity 520-3 Metabolic Analysis of Human Activity. Metabolic principles pertinent to human physical performance with emphasis on sport, exercise and occupational activity analysis. A detailed study of oxygen utilization, oxygen debt, mechanisms of oxygen transport as they relate to physiological homeostasis in localized and total body motor activity. Emphasis on the laboratory study of aerobic and anaerobic performance. Prerequisite: KIN 420 or equivalent.

KIN525 - Motor Learning 525-3 Motor Learning-Theories of Research. This course will provide a theory and research foundation for understanding motor skill acquisition and factors that influence the learning of motor skills. This foundation is important to develop research that will increase understanding of motor skill learning, and to design effective practice conditions that enhance learning. Various topics related to the cognitive and motor processes influencing motor skill learning will be discussed.

KIN530 - Exercise Psychology 530-3 Exercise Psychology. This course explores the theory and research related to the psychological and social aspects of exercise and how exercise may impact the individual's psychological health and behavior. The focus is on theory and application. It covers theories and models of exercise behavior, psychosocial outcomes of exercise, social factors in exercise behavior, and physical activity interventions.

KIN540 - Sport Promotions 540-3 Sport Promotions. This course provides the theoretical foundation of promotions specific to the sport industry. It will include professional applications to profit and non-profit sport organizations.

KIN550 - Legl Asp Spt Phys Act 550-3 Legal Aspects of Sport and Physical Activity. A course designed to acquaint student with legal research and the role that law plays in governing the kinesiology, sport and fitness industries. The student will actively research various theories of law and how they affect the nature of kinesiology, sport fitness activity, the participants and consumers. An additional focus will be on specific situations that give rise to injury and subsequent law suits.

KIN555 - Internship:Sport Mgmt 555-1 to 6 Internship in Sport Management. The internship is a culminating experience directly related to the student's intended employment or area of interest. It will, therefore, normally be taken after the predominance of course work is completed. The internship
may be completed in any appropriate setting as judged by the faculty associated with the area of sport management. All conditions of placement, conduct and evaluation of the internship will be under the jurisdiction of the appropriate faculty. Graded S/U only. Special approval needed from the instructor.

**KIN560 - Gender and Sport** 560-3 Gender and Sport: Sociological and Psychological Perspectives. (Same as WGSS 560) This course explores psychological and sociological dimensions underlying the concept of gender and critically examines how gender relates to sport and physical activity. Students will be introduced to non-traditional as well as traditional research that addresses the issue of gender in various physical activity contexts.

**KIN580 - Financial Aspects of Sport** 580-3 Financial Aspects of Sport. The primary goal of this course is to provide students with a basic knowledge and understanding of the principles, processes, and strategies related to the financial aspects of sport organizations, which consist of professional sport franchises, college athletic departments, community recreation programs, etc. The focus will be on the many conventional and innovative revenue acquisition methods applicable to sport oriented organizations. In addition to the basic accounting concepts and budgeting techniques, this course will address current topics in the field of sport financing, including: tax support, municipal and corporate bonds, economic impact analysis, fundraising, licensing, ticket sales, concessions, and corporate sponsorships.

**KIN590 - Readings in Kinesiology** 590-1 to 4 Readings in Kinesiology. Supervised readings in selected subjects. Special approval needed from the instructor.

**KIN592 - Research in Kinesiology** 592-2 to 8 Research in Kinesiology. Plan, conduct, and report assigned research studies. Masters students may take up to three credit hours. Doctoral students must enroll for a minimum of six credit hours. Graded S/U only. Prerequisite: KIN 500 or equivalent. Special approval needed from the instructor.

**KIN594 - Professional Development Project** 594-3 Professional Development Project. Supervised independent work leading to the production of a professional development project that can be utilized in the student's professional career. The exact nature of the project is to be determined by the student and the respective graduate advisor. An additional graduate faculty member in the student's area of study also must approve the project before the student begins work. Graded S/U only. Special approval needed from the instructor.

**KIN599 - Thesis** 599-1 to 6 Thesis. Graded S/U. Prerequisite: KIN 500 or equivalent.

**KIN601 - Continuing Enrollment** 601-1 per semester Continuing Enrollment. For those graduate students who have not finished their degree programs and who are in the process of working on their dissertation, thesis, or research paper. he student must have completed a minimum of 24 hours of dissertation research, or the minimum thesis, or research hours before being eligible to register for this course. Concurrent enrollment in any other course is not permitted. Graded S/U or DEF only.

**KIN699 - Postdoctoral Research** 699-1 Postdoctoral Research. Must be a Postdoctoral Fellow. Concurrent enrollment in any other course is not permitted.

### Kinesiology Faculty

Ackerman, Kenneth, Assistant Professor, Emeritus, M.A., Michigan State University, 1959.
Ambati, Venkata Naga Pradeep, Assistant Professor, Ph.D., University of Texas at El Paso, 2014.
Anton, Phillip M., Associate Professor, Ph.D., University of Northern Colorado-Greeley, 2006.
Becque, M. Daniel, Associate Professor, Ph.D., University of Michigan, 1988.
Blackman, Claudia J., Assistant Professor, Emerita, M.S.Ed., Southern Illinois University, 1968.
Brechtelsbauer, Kay M., Assistant Professor, Emerita, Ph.D., Southern Illinois University, 1980.
Good, Larry, Associate Professor, Emeritus, Ph.D., Temple University, 1968.
Illner, Julee Ann, Assistant Professor, Emerita, M.S.Ed., Southern Illinois University, 1968.
Knapp, Bobbi, Associate Professor, Ph.D., University of Iowa, 2008.
Knowlton, Ronald, Professor, Emeritus, Ph.D., University of Illinois, 1961.
Olson, Michael, Associate Professor, Ph.D., Louisiana State University, 2006.
Park, Meungguk, Associate Professor, Ph.D., The Ohio State University, 2005.
Partridge, Julie, Associate Professor, Ph.D., University of Northern Colorado-Greeley, 2003.
Porter, Jared, Associate Professor, Ph.D., Louisiana State University, 2008.
Vogler, E. William, Professor, Emeritus, Ed.D., University of Utah, 1980.
Wallace, Juliane, Associate Professor and Chair, Ph.D., Iowa State University, 2004.
West, Charlotte, Professor, Emerita, Ph.D., University of Wisconsin, 1969.
Wilson, Donna, Associate Professor, Emeria, M.F.A., University of Oklahoma, 1975.
Yoh, Taeho, Professor, Ph.D., Florida State University, 2001.

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