



# COLLEGE OF PHYSICAL EDUCATION, ATHLETICS AND RECREATION

- Lifetime Activities Program
- Intramural Sports
- Intercollegiate Athletics Program
- Bachelor of Science in Physical Education and Health Education
- Bachelor of Science in Physical Education Studies
- Bachelor of Science in Recreation and Park Administration
- Athletic Training Education Program

The activities of the college include elective lifetime sports courses, intramural sports, intercollegiate athletics, and three degree programs.

## LIFETIME ACTIVITIES PROGRAM

A varied activity program featuring more than twenty different offerings each semester is available to all students on a credit basis. Courses are provided for all levels of ability and interests including beginners, intermediate, and advanced.

The objectives of the lifetime activities program are: (1) to provide students with knowledge and skills essential for leisure-time enjoyment, (2) to develop healthy exercise habits in students as well as a sound knowledge base in the scientific principles of physical activity, and (3) to provide an enjoyable atmosphere for learning skills that encourage lifetime participation.

## INTRAMURAL SPORTS

The University provides an extensive intramural athletic program for men and women as an alternative to intercollegiate competition. Leagues, tournaments or contests for men are conducted in the following activities: touch football, walleyball, racquetball, table tennis, basketball, ultimate frisbee, volleyball, squash, indoor soccer, softball, golf, and tennis. The program for women includes the following activities: field hockey, table tennis, 10K run, broomball, racquetball, indoor soccer, soccer, tennis, volleyball, basketball, badminton, ultimate frisbee, lacrosse, softball, and touch football. The coeducational recreational activities sponsored are volleyball, tennis, badminton, broomball, table tennis, touch football, ultimate frisbee, walleyball, innertube water polo, indoor soccer and softball. The Intramural Council (made up of the Intramural Director and representatives from campus organizations participating in the program) meets once a week to organize schedules and set up ground rules for the various sports. Usually, more than half of the student population compete in some phase of the intramural program.

## INTERCOLLEGIATE ATHLETICS PROGRAM

There are 22 intercollegiate varsity sports, 12 for men and 10 for women. All programs are consistently in the top two in overall athletic excellence within the East Coast Conference each year. Delaware competes for athletic championships in NCAA Division I except for the football program which competes in Division I-AA. The Blue Hens are members of the East Coast Conference for all sports except for football, which plays in the Yankee Conference. Delaware will join the North Atlantic Conference for all sports except for football in September 1991. Delaware also competes for championships as a member of the ECAC and IC4A.

## DEGREE PROGRAMS

The college features a physical education program with three Bachelor of Science degree options: physical education and health education, physical education studies, and recreation and park administration.

### BACHELOR OF SCIENCE IN PHYSICAL EDUCATION AND HEALTH EDUCATION

Students interested in teacher preparation should review curriculum guidelines for this program. It provides K-12 certification in both physical education and health.

### BACHELOR OF SCIENCE IN PHYSICAL EDUCATION STUDIES

Students interested in graduate study, exercise physiology, biomechanics, athletic training, fitness management or figure skating science enroll in this program.

### BACHELOR OF SCIENCE IN RECREATION AND PARK ADMINISTRATION

This program is designed to accommodate students interested in preparing for careers in the leisure service industry.

## DEAN'S SCHOLAR PROGRAM

Each year the College of Physical Education, Athletics and Recreation selects a number of highly motivated students who have clear educational goals and the ability to

achieve those goals and appoints them as Dean's Scholars. These students are freed of all college requirements so that they can build their entire program with faculty advisers. They are generally selected after they have finished their freshman year. Additional information is available from the Physical Education Advisement Office upon request.

## CURRICULUM GUIDELINES

Each curriculum features a liberal arts base and opportunities for in-depth study in a specialty field. Internships or clinical experiences are available in each degree option.

### DEGREE: BACHELOR OF SCIENCE IN PHYSICAL EDUCATION AND HEALTH EDUCATION MAJOR: PHYSICAL EDUCATION AND HEALTH EDUCATION

CURRICULUM CREDITS\*

#### UNIVERSITY REQUIREMENTS

E 110	Critical Reading and Writing	3 <sup>1</sup>
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content.#		3 <sup>1-4</sup>

#### COLLEGE REQUIREMENTS\*\*

Area A—Communication Skills	6 <sup>1-3</sup>
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Six credits from at least two of the following departments: English (writing/composition courses), Communication and Foreign Languages and Literatures.

Writing Course	3 <sup>3,4</sup>
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A writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for extended faculty critique of both composition and content. Appropriate writing courses are normally designated in the semester's Registration Booklet at "Satisfies Arts and Science second writing course."

Area B—Humanities and Fine Arts	6-12 <sup>2,4</sup>
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Six to twelve credits from at least two of the following departments: Art, Art History, English (literature), Music, Philosophy and Theatre. Specific courses from the College of Human Resources (Department of Textiles, Design and Consumer Economics).

Area C—Biological Sciences	6 <sup>1</sup>
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Six credits taken in the Department of Biological Sciences

#### Area D—History and Social Science

PSY 201	General Psychology	3 <sup>1</sup>
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PSY 317	Sexual Behavior and Motive	3 <sup>4</sup>
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or		
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IFS 401	Foundations of Human Sexuality	3
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Up to six credits from one of the following departments:	0-6 <sup>1</sup>
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Anthropology (except physical), Black American Studies, Criminal Justice, Economics, Geography (except physical)

\*Superior figures indicate year or years in which the course is normally taken, i.e., <sup>1</sup>freshman year, <sup>2</sup>sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 24

\*\*Minimum number of credit hours required. An additional 12 credit hours is to be selected so that work completed in college requirements (Areas A, B, C, D, and E) will total 54 credit hours. The areas of Humanities and Fine Arts, History and Social Science, and Natural Science and Mathematics combine for a total of 27 credits—no less than six credits nor more than 12 credits in any one area.

and meteorology), History, Political Science and International Relations, Psychology and Sociology. Specific courses from the College of Human Resources (Department of Individual and Family Studies).

*Area E—Natural Science and Mathematics*

ND 200 Nutrition Concepts .....	3 <sup>2</sup>
Mathematics course .....	3 <sup>1</sup>
Up to six additional credits may be taken from the following departments: Anthropology (physical), Chemistry, Engineering, Entomology, Geography, (physical and meteorology), Geology, Health Sciences (natural science area), Mathematics, Physics (including Astronomy), Physical Science, Plant and Soil Sciences, Psychology (physiological), Statistics and Computer Science. Specific courses from the Department of Food Science, the College of Human Resources (Department of Nutrition and Dietetics) and the College of Marine Studies .....	0-6 <sup>1,3</sup>

**MAJOR REQUIREMENTS**

**External to the College**

EDS 201 Education and Society .....	3 <sup>1</sup>
EDS 101 Human Development and Educational Practice .....	3 <sup>1</sup>
or	
EDS 301 Psychological Foundations of Education .....	3
EDS 302 Educational Psychology .....	3 <sup>4</sup>
EDD 400 Student Teaching .....	9 <sup>4</sup>

**Within the College††**

PE 150 Movement Education for Children .....	3 <sup>1</sup>
PE 214 Wellness: A Way of Life .....	3 <sup>1</sup>
PE 220 Anatomy and Physiology .....	3 <sup>2</sup>
PE 250 Motor Development .....	3 <sup>2</sup>
PE 300 History, Philosophy and Principles of Health, Physical Education and Recreation .....	3 <sup>3</sup>
PE 305 Fundamentals of Athletic Training .....	3 <sup>3</sup>
PE 314 Methods and Materials in Health Education .....	3 <sup>3</sup>
PE 315 Methods and Materials in Drug Education .....	3 <sup>2</sup>
PE 324 Measurement and Evaluation .....	3 <sup>3</sup>
PE 342 Survey in Adaptive Physical Education/Recreation .....	3 <sup>3</sup>
PE 360 Psychology and Techniques of Coaching .....	1 <sup>3</sup>
Coaching Technique courses .....	2 <sup>3</sup>
PE 426 Biomechanics .....	4 <sup>4</sup>
PE 430 Physiology of Activity .....	3 <sup>4</sup>
PE 431 Physiology of Activity Lab .....	1 <sup>4</sup>
Skill courses .....	12 <sup>1-3</sup>
PE 370† Practicum in Methods of Elementary Physical Education .....	3 <sup>3</sup>
PE 380† Practicum in Methods of Secondary Physical Education .....	3 <sup>3</sup>
PE 468 Seminar in Physical Education .....	3 <sup>4</sup>

**ELECTIVES**

<i>Electives</i> .....	6-12 <sup>3,4</sup>
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**CREDITS TO TOTAL A MINIMUM OF 134**

**DEGREE: BACHELOR OF SCIENCE  
IN PHYSICAL EDUCATION STUDIES  
MAJOR: PHYSICAL EDUCATION STUDIES**

**CURRICULUM**

**CREDITS\***

**UNIVERSITY REQUIREMENTS**

E 110 Critical Reading and Writing .....	3 <sup>1</sup>
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content # .....	3 <sup>1-4</sup>

**COLLEGE REQUIREMENTS§**

<i>Area A—Communication Skills</i> .....	6 <sup>1-3</sup>
Six credits from at least two of the following departments: English (writing/composition courses), Communication and Foreign Languages and Literatures.	
<i>Writing Course</i> .....	3 <sup>3,4</sup>
A writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for extended faculty critique of both composition and content. Appropriate writing courses are normally designated in the semester's Registration Booklet at "Satisfies Arts and Science second writing course."	
<i>Area B—Humanities and Fine Arts**</i> .....	6 <sup>2-4</sup>
Six to twelve credits from at least two of the following departments: Art, Art History, English (literature), Music, Philosophy and Theatre. Specific courses from the College of Human Resources (Department of Textiles, Design and Consumer Economics) may be selected upon approval of the adviser.	
<i>Area C—Biological Sciences</i> .....	6 <sup>1-4</sup>
Biology courses .....	
<i>Area D—History and Social Science**</i> .....	9 <sup>2-4</sup>
A minimum of nine credits from at least two of the following departments: Anthropology (except physical), Black American Studies, Criminal Justice, Economics, Geography (except physical and meteorology), History, Political Science and International Relations, Psychology and Sociology. Specific courses from the College of Human Resources (Department of Individual and Family Studies).	
<i>Area E—Natural Science and Mathematics**</i>	
Mathematics course .....	3 <sup>1</sup>
A minimum of six credits from at least two departments. Includes courses in Anthropology (physical), Chemistry, Engineering, Entomology, Geography, (physical and meteorology), Geology, Health Sciences (natural science area), Mathematics (except M 251, 252), Physics (including Astronomy), Physical Science, Plant Science, Psychology (physiological), Statistics and Computer Science. Specific courses from the Department of Food Science, the College of Human Resources (Department of Nutrition and Dietetics) and the College of Marine Studies.	0-6 <sup>2-4</sup>

\*Superior figures indicate year or years in which the course is normally taken, i.e., <sup>1</sup>freshman year, <sup>2</sup>sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 24.

\*\*The areas of Humanities and Fine Arts, History and Social Science, and Natural Science and Mathematics combine for a total of twenty-seven credits—no less than six credits nor more than twelve credits in any one area.

††Students may take a maximum of two beginning-level PE 120 activity courses prior to enrolling in a similar activity within the major skill blocks; e.g., if the student feels a weakness in tennis, that person might wish to do a PE 120 Tennis I course before enrolling in the major block tennis activity. After having completed a particular skill in the major program, students must register for the advanced-level course if desiring to do the same skill in the nonmajors (PE 120) curriculum; e.g., Tennis II, Self Defense II, etc. Major students are permitted four credits of PE 120 work under the above guidelines that may be counted toward graduation credit.

†Students must have a minimum g.p.a. of 2.0, a major g.p.a. of at least 2.75, and have completed all skills courses prior to enrolling in the methods courses.

§Minimum number of credit hours required. An additional 12 credit hours is to be selected so that work completed in college requirements (Areas A, B, C, D, and E) will total 54 credit hours.

**MAJOR REQUIREMENTS****Within the College††**

PE 150	Movement Education for Children	3 <sup>1</sup>
PE 214	Wellness: A Way of Life	3 <sup>2</sup>
PE 220	Anatomy and Physiology	3 <sup>2</sup>
PE 276	Personal Computers in Health, Physical Education and Recreation	3 <sup>1</sup>
PE 300	History, Philosophy and Principles of Health, Physical Education and Recreation	3 <sup>3</sup>
PE 305	Fundamentals of Athletic Training	3 <sup>3</sup>
PE 324	Measurement and Evaluation	3 <sup>3</sup>
PE 324	Measurement and Evaluation	3 <sup>3</sup>
PE 342	Survey in Adaptive Physical Education/Recreation	3 <sup>3</sup>
PE 360	Psychology and Techniques of Coaching	1 <sup>3</sup>
Coaching	Technique courses	2 <sup>3</sup>
PE 426	Biomechanics	4 <sup>4</sup>
PE 430	Physiology of Activity	3 <sup>4</sup>
PE 431	Physiology of Activity Lab	1 <sup>4</sup>
Skill courses†		6 <sup>1-4</sup>

**ELECTIVES**

<i>Electives</i>	33 <sup>1-4</sup>
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All course work must be formally approved by the Department of Physical Education. See either your adviser or the department chairperson. Emphasis options are available. Department faculty advisers or the Chairperson's office can provide the necessary information.

**CREDITS TO TOTAL A MINIMUM OF 128**

**DEGREE: BACHELOR OF SCIENCE  
IN PHYSICAL EDUCATION STUDIES  
MAJOR: PHYSICAL EDUCATION STUDIES  
CONCENTRATION: FITNESS MANAGEMENT\*\***

CURRICULUM	CREDITS*
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**UNIVERSITY REQUIREMENTS**

E 110	Critical Reading and Writing	3 <sup>1</sup>
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content.#		3 <sup>1-4</sup>

**COLLEGE REQUIREMENTS†**

<i>Area A—Communication Skills</i>	6 <sup>2,4</sup>
Six credits from at least two of the following departments: English (writing/composition courses), Communication and Foreign Languages and Literatures.	
<i>Writing Course</i>	3 <sup>3</sup>
A writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for extended faculty critique of both	

composition and content. Appropriate writing courses are normally designated in the semester's Registration Booklet at "Satisfies Arts and Science second writing course."

*Area B—Humanities and Fine Arts* 6<sup>1,2</sup>

Six to twelve credits from at least two of the following departments: Art, Art History, English (literature), Music, Philosophy and Theatre. Specific courses from the College of Human Resources (Department of Textiles, Design and Consumer Economics) may be selected upon approval of the adviser.

*Area C—Biological Sciences* 6<sup>1,2</sup>

Biology courses

*Area D—History and Social Science* 9<sup>1,2,4</sup>

A minimum of nine credits from at least two of the following departments: Anthropology (except physical), Black American Studies, Criminal Justice, Economics, Geography (except physical and meteorology), History, Political Science and International Relations, Psychology and Sociology. Specific courses from the College of Human Resources (Department of Individual and Family Studies).

*Area E—Natural Science and Mathematics*

ND 200	Nutrition Concepts	3 <sup>1</sup>
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Mathematics course	3 <sup>1</sup>
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A minimum of three credits from at least two departments.

Includes courses in Anthropology (physical), Chemistry, Engineering, Entomology, Geography, (physical and meteorology), Geology, Health Sciences (natural science area), Mathematics (except M 251, 252), Physics (including Astronomy), Physical Science, Plant Science, Psychology (physiological), Statistics and Computer Science. Specific courses from the Department of Food Science, the College of Human Resources (Department of Nutrition and Dietetics) and the College of Marine Studies.

**MAJOR REQUIREMENTS****External to the College**

BU 301	Introduction to Marketing	3 <sup>3</sup>
BU 309	Management and Organizational Behavior	3 <sup>3</sup>
AEC 201	Records and Accounts	3 <sup>1</sup>

**Within the College††**

PE 220	Anatomy and Physiology	3 <sup>2</sup>
PE 305	Fundamentals of Athletic Training	3 <sup>2</sup>
PE 324	Measurement and Evaluation	3 <sup>3</sup>
PE 276	Personal Computers in Health, Physical Education and Recreation	3 <sup>1</sup>
PE 430	Physiology of Activity	4 <sup>4</sup>
PE 431	Physiology of Activity Laboratory	1 <sup>4</sup>
PE 432	Individualized Physical Fitness	3 <sup>4</sup>
PE 434	Exercise Test Technology	2 <sup>4</sup>
PE 437	Principles of Sport Management	3 <sup>4</sup>
PE 438	Facilities Management in Health, Physical Education and Recreation	3 <sup>4</sup>
REC 270	Recreation Leadership	3 <sup>2</sup>
REC 310	Safety, First Aid and Emergency Care	3 <sup>2</sup>

\*Superior figures indicate year or years in which the course is normally taken, i.e., <sup>1</sup>freshman year, <sup>2</sup>sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 24.

\*\*Students electing this degree program must complete a minimum of twenty-one (21) credit hours in course work at the 300-level or above. This work must be completed outside the physical education/recreation area.

†Minimum number of credit hours required. An additional twelve (12) credit hours is to be selected so that work completed in college requirements (Areas A, B, C, D, and E) will total 54 credit hours.

†† Students may take a maximum of two beginning-level PE 120 activity courses prior to enrolling in a similar activity within the major skill blocks; e.g., if the student feels a weakness in tennis, that person might wish to do a PE 120 Tennis I course before enrolling in the major block tennis activity. After having completed a particular skill in the major program, students must register for the advanced-level course if desiring to do the same skill in the nonmajors (PE 120) curriculum; e.g., Tennis II, Self Defense II, etc. Major students are permitted four credits of PE 120 work under the above guidelines that may be counted toward graduation credit.

‡Students are required to complete six credit hours of skill technique courses. The course PE 142 Swimming/Diving Skills (or equivalent) is required of all students. Students may select one course from among the Lifetime Activities (nonmajor) offerings as partial fulfillment of the above requirement. (Students are required to successfully complete a pretest in PE 142. Nonswimmers must register for and pass either PE 120, Non-Swim or Beginning Swimming.)

PE 464	Internship in Fitness Management	9 <sup>4</sup>
REC 260	Leisure Service Programming	3 <sup>2</sup>
PE 354	Seminar in Fitness Management	1 <sup>4</sup>

**ELECTIVES**

<i>Electives</i>	18 <sup>1-3</sup>
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**CREDITS TO TOTAL A MINIMUM OF 128**

**DEGREE: BACHELOR OF SCIENCE  
MAJOR: PHYSICAL EDUCATION STUDIES  
CONCENTRATION: FIGURE SKATING SCIENCE**

**CURRICULUM** **CREDITS\***

**UNIVERSITY REQUIREMENTS**

E 110	Critical Reading and Writing	3 <sup>1</sup>
	Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content.#	3 <sup>1-4</sup>

**COLLEGE REQUIREMENTS†**

<i>Writing Course</i>	3 <sup>2-4</sup>
A writing course involving significant writing experience. Appropriate writing courses are normally designated in the Registration Booklet.	

<i>Area A—Communication Skills</i>	9 <sup>1-4</sup>
A minimum of nine credits from at least two of the following departments: English (writing/composition courses), Communication and Foreign Languages and Literatures.	

<i>Area B—Humanities and Fine Arts</i>	6 <sup>1-4</sup>
A minimum of six credits from at least two of the following departments: Art, Art History, English (literature), Music, Philosophy and Theatre. Specific courses from the College of Human Resources (Department of Textiles, Design and Consumer Economics) may be selected upon approval of the adviser.	

<i>Area C—Biological Sciences</i>	6 <sup>1-4</sup>
Biology courses	

<i>Area D—History and Social Science</i>	9 <sup>1-4</sup>
A minimum of nine credits from at least two of the following departments: Anthropology (except physical), Black American Studies, Criminal Justice, Economics, Geography (except physical and meteorology), History, Political Science and International Relations, Psychology and Sociology. Specific courses from the College of Human Resources (Department of Individual and Family Studies).	

<i>Area E—Natural Science and Mathematics</i>		
ND 200	Nutrition Concepts	3 <sup>1</sup>
	Mathematics course	3 <sup>1</sup>

	A minimum of three credits from any of the following departments. Includes courses in Anthropology (physical), Chemistry, Engineering, Entomology, Geography, (physical and meteorology), Geology, Health Sciences (natural science	3 <sup>3</sup>
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area), Mathematics (except M 251, 252), Physics (including Astronomy), Physical Science, Plant Science, Psychology (physiological), Statistics and Computer Science. Specific courses from the Department of Food Science, the College of Human Resources (Department of Nutrition and Dietetics) and the College of Marine Studies.

**MAJOR REQUIREMENTS****External to the College**

AEC 201	Records and Accounts	3
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**Within the College††**

PE 220	Anatomy and Physiology	3 <sup>1</sup>
PE 276	Personal Computers in Health, Physical Education and Recreation	3 <sup>1</sup>
PE 305	Fundamentals of Athletic Training	3 <sup>2</sup>
PE 355	Figure Skating Practicum I	3 <sup>3</sup>
PE 356	Figure Skating Practicum II	3 <sup>3</sup>
PE 360	Psychology of Coaching	1 <sup>2</sup>
PE 424	Sport Sociology	3 <sup>3</sup>
PE 425	Athletics and Sport Psychology	3 <sup>3</sup>
PE 426	Biomechanics of Sports	4 <sup>4</sup>
PE 430	Physiology of Activity	3 <sup>3</sup>
PE 431	Physiology of Activity Laboratory	1 <sup>3</sup>
or		
PE 433	Lab Practicum/Exercise Physiology	1 <sup>3</sup>
PE 437	Principles of Sport Management	3 <sup>2</sup>
or		
PE 438	Facilities Management in Health, Physical Education and Recreation	3 <sup>2</sup>
PE 440	Strategies for Athletic Peak Performance	3 <sup>4</sup>
PE 455	Figure Skating Practicum III	3 <sup>4</sup>
PE 456	Figure Skating Practicum IV	3 <sup>4</sup>
REC 260	Leisure Service Programming	3 <sup>2</sup>
REC 270	Recreation Leadership	3 <sup>1</sup>
REC 310	Safety, First Aid, Emergency Care	3 <sup>1</sup>

**ELECTIVES***Electives*

After required courses are completed sufficient elective credits must be taken to meet the minimum credit requirement for the degree.

**CREDITS TO TOTAL A MINIMUM OF 128**

**DEGREE: BACHELOR OF SCIENCE IN RECREATION  
AND PARK ADMINISTRATION  
MAJOR: RECREATION AND PARK ADMINISTRATION  
CONCENTRATION: PARKS**

**CURRICULUM** **CREDITS\***

**UNIVERSITY REQUIREMENTS**

E 110	Critical Reading and Writing	3 <sup>1</sup>
	Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content.#	3 <sup>1-4</sup>

\*Superior figures indicate year or years in which the course is normally taken, i.e., <sup>1</sup>freshman year, <sup>2</sup>sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 24

†Minimum number of credit hours required. An additional twelve (12) credit hours is to be selected so that work completed in college requirements (Areas A, B, C, D, and E) will total 54 credit hours.

†† Students may take a maximum of two beginning-level PE 120 activity courses prior to enrolling in a similar activity within the major skill blocks; e.g., if the student feels a weakness in tennis, that person might wish to do a PE 120 Tennis I course before enrolling in the major block tennis activity. After having completed a particular skill in the major program, students must register for the advanced-level course if desiring to do the same skill in the nonmajors (PE 120) curriculum; e.g., Tennis II, Self Defense II, etc. Major students are permitted four credits of PE 120 work under the above guidelines that may be counted toward graduation credit.

**COLLEGE REQUIREMENTS****Area A—Communication Skills\*\*** 9<sup>1-3</sup>

Six credits from the following departments: English (except literature), Speech/Communication, Foreign Languages and Literatures (except literature) and EDS 521.

**Writing Course** 3<sup>3,4</sup>

A writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for extended faculty critique of both composition and content. Appropriate writing courses are normally designated in the semester's Registration Booklet at "Satisfies Arts and Science second writing course."

**Area B—Humanities and Fine Arts\*\*** 6<sup>2,3</sup>

Six credits from the following departments: Art, Art History, English (literature), Languages and Literature (literature), Music, Philosophy and Theatre. Specific courses from the College of Human Resources (Department of Textiles, Design and Consumer Economics) may be selected upon approval of the adviser.

**Area C—Biological Sciences\*\*** 9<sup>1,2,4</sup>

Nine credits from at least two of the following: Anthropology (except physical), Black American Studies, Criminal Justice, Economics, History, Political Science, Psychology, Sociology and Women's Studies. In addition, courses from the College of Human Resources in Individual Family Studies may be selected.

**Area D—History and Social Science\*\*****Mathematics course** 3<sup>1</sup>**Nine credits from at least two of the following departments:** 9<sup>1-3</sup>

Anthropology (physical), Biology, Chemistry, Engineering, Entomology, Food Science, Nutrition and Dietetics, Geography (physical and meteorology), Geology, Health Sciences (natural science area), Marine Studies, Mathematics (except M 251, 252, 253), Physics, Physical Science, Psychology (physiological), Statistics and Computer Science.

**MAJOR REQUIREMENTS****External to the College****Professional Studies Core†**

AEC 201 Records and Accounts 3<sup>1,2</sup>

**Within the College****Professional Studies Core†**

REC 105 Foundations of Recreation and Leisure Skills 3<sup>1</sup>

REC 164 Practicum in Recreation and Parks 3<sup>2</sup>

REC 270 Recreation Leadership 3<sup>2</sup>

REC 310 Safety, First Aid and Emergency Care 3<sup>3</sup>

REC 341 Principles of Outdoor Recreation 3<sup>3</sup>

REC 260 Leisure Service Programming 3<sup>3</sup>

REC 464 Internship in Recreation 9<sup>4</sup>

REC 404 Organization, Administration, Recreation and Leisure Service 3<sup>4</sup>

REC 450 Facility and Park Management 3<sup>4</sup>

REC 318 Special Recreation 3

PE 276 Personal Computers in Health, Physical Education and Recreation 3<sup>1-3</sup>

PE 354 Seminar in Fitness Management/Recreation 1

**Parks Concentration**

Twenty-one credit hours selected from the following: 21<sup>2,4</sup>

PLS 105 Introductory Forestry 3

PLS 212 Woody Landscape Plants 3

PLS 213 Turf Establishment and Maintenance 3

PLS 331 Landscape Construction I 4

PLS 332 Basic Landscape Design I 4

PLS 133 Ornamental Horticulture 3

PLS 211 Herbaceous Landscape Plants 3

PLS 215 Interior Plants 3

AGE 103 Land and Water Management 2

AGE 113 Land Surveying 1

AGE 105 Power and Machinery 4

AGE 107 Welding and Metals 2

AGE 108 Utilities 2

AGE 109 Technical Drafting 2

AGE 306 Cost Estimating 2

AGE 307 Building Construction I 1

G 235 Conservation of Natural Resources 3

**ELECTIVES**

Electives 16

**CREDITS TO TOTAL A MINIMUM OF** 128

**DEGREE: BACHELOR OF SCIENCE IN RECREATION AND PARK ADMINISTRATION****MAJOR: RECREATION AND PARK ADMINISTRATION  
CONCENTRATION: PROGRAMMING AND LEADERSHIP****CURRICULUM****CREDITS\*****UNIVERSITY REQUIREMENTS**

E 110 Critical Reading and Writing 3<sup>1</sup>

Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content# 3<sup>1-4</sup>

**COLLEGE REQUIREMENTS****Area A—Communication Skills\*\*** 9<sup>1-3</sup>

A minimum of nine credits from the following departments: English (except literature), Speech/Communication, Foreign Languages and Literatures (except literature) and EDS 521.

**Writing Course** 3<sup>3,4</sup>

A writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for extended faculty critique of both composition and content. Appropriate writing courses are normally designated in the semester's Registration Booklet at "Satisfies Arts and Science second writing course."

**Area B—Humanities and Fine Arts\*\*** 6<sup>2,3</sup>

A minimum of six credits from the following departments: Art, Art History, English (literature), Languages and Literature (literature), Music, Philosophy and Theatre. Specific courses from the College of Human Resources (Department of Textiles, Design and Consumer Economics) may be selected upon approval of the adviser.

**Area C—History and Social Science\*\*** 9<sup>1,4</sup>

A minimum of nine credits from at least two of the following departments: Anthropology (except physical), Black American Studies, Criminal Justice, Economics, History, Political Science and International Relations, Psychology, Sociology and Women's

\*Superior figures indicate year or years in which the course is normally taken, i.e., <sup>1</sup>freshman year, <sup>2</sup>sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 24.

†Each course within the Professional Studies Core and Option Area requires a grade of C or better.

Note: An index of 2.75 in the major and a 2.00 overall index is required to take REC 464. All courses in the Professional Studies Core are considered for minimum index.

\*\*Areas A, B, C and D must combine for a total of 48 credit hours.

Studies. In addition, courses from the College of Human Resources in Individual Family Studies may be selected.

**Area D—Mathematics, Natural and Biological Sciences\*\***

Mathematics course.....	3 <sup>3</sup>
A minimum of nine credits from at least two of the following departments: Anthropology (physical), Biology, Chemistry, Engineering, Entomology, Food Science, Nutrition and Dietetics, Geography (physical and meteorology), Geology, Health Sciences (natural science area), Marine Studies, Mathematics (except M 251, 252, 253), Physics, Physical Science, Psychology (physiological), Statistics and Computer Science.....	9 <sup>1-3</sup>

**MAJOR REQUIREMENTS**

**External to the College**

*Professional Studies Core†*

AEC 201 Records and Accounts.....	3 <sup>1,2</sup>
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**Within the Department**

*Professional Studies Core\**

REC 105 Foundations of Recreation and Leisure Skills.....	3 <sup>1</sup>
REC 164 Practicum in Recreation and Parks.....	3 <sup>2</sup>
REC 270 Recreation Leadership.....	3 <sup>2</sup>
REC 310 Safety, First Aid and Emergency Care.....	3 <sup>3</sup>
REC 341 Principles of Outdoor Recreation.....	3 <sup>3</sup>
REC 260 Leisure Service Programming.....	3 <sup>3</sup>
REC 464 Internship in Recreation.....	9 <sup>4</sup>
REC 404 Organization, Administration, Recreation and Leisure Service.....	3 <sup>4</sup>
REC 450 Facility and Park Management.....	3 <sup>4</sup>
REC 318 Special Recreation.....	3 <sup>2</sup>
PE 276 Personal Computers in Health, Physical Education and Recreation.....	3 <sup>1-3</sup>
PE 354 Seminar in Fitness Management/Recreation.....	1 <sup>3</sup>

<i>Programming and Leadership Concentration</i> .....	21
Courses reflecting a sub-discipline of leisure chosen under the direction of faculty advisor and submitted for approval to the Recreation sub-committee no later than the first semester of the junior year.	

**ELECTIVES**

<i>Electives</i> .....	16
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<b>CREDITS TO TOTAL A MINIMUM OF</b> .....	128
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**ATHLETIC TRAINING EDUCATION PROGRAM**

Students wishing to meet requirements for certification with the National Athletic Trainers Association may request information from the Physical Education Advisement Office or from Mr. Keith Handling, Head Athletic Trainer.

†Each course within the Professional Studies Core and Option Area requires a grade of C or better.

Note: An index of 2.75 in the major and a 2.00 overall index is required to take REC 464. All courses in the Professional Studies Core are considered for minimum index.

\*\*Areas A, B, C and D must combine for a total of 48 credit hours.