



# 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. The Intramural Council, made

up of representatives from campus organizations participating in the program and the Associate or Assistant Director, meet once a week to organize schedules and set up ground rules for the various sports. Usually, more than half the students compete in some phase of the intramural program. There are leagues, tournaments, and contests established for the men's, women's, and coed divisions in the following sports: badminton, basketball, billiards, bowling, broomball, field hockey, golf, indoor soccer, innertube water polo, lacrosse, racquetball, soccer, softball, squash, table tennis, 10K run, tennis, touch football, ultimate frisbee, volleyball and walleyball.

## INTERCOLLEGIATE ATHLETICS PROGRAM

There are 23 intercollegiate varsity sports, 12 for men and 11 for women. All programs, except football, compete for overall athletic excellence within the North Atlantic Conference each year. Delaware competes for athletic championships in NCAA Division I except for the football program which competes in Division I-AA through the Yankee Conference. Among Delaware's varsity sports are nationally-recognized programs in football, baseball, men's and women's lacrosse, and women's field

hockey. In recent years, 19 University athletes have been named Academic All-Americans and six have been awarded the prestigious NCAA Post-Graduate Scholarship. 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

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

#### COLLEGE REQUIREMENTS\*\*

*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 A—Communication Skills* ..... 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.

*Area B—Humanities and Fine Arts* ..... 6-12<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).

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

Six credits taken in the Department of Biological Sciences

*Area D—History and Social Science*

PSYC 201 General Psychology ..... 3<sup>1</sup>

PSYC 317 Sexual Behavior and Motive ..... 3<sup>4</sup>

or

IFST 401 Foundations of Human Sexuality ..... 3

Up to six credits from one of the following departments: ..... 0-6<sup>1</sup>

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*

NTDT 200 Nutrition Concepts ..... 3<sup>2</sup>

Mathematics course ..... 3<sup>1</sup>

Up to six additional credits may be taken from the following ..... 0-6<sup>1,3</sup>

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),

\*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 27.

\*\*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 year

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

EDST 201	Education and Society	3 <sup>1</sup>
EDST 304	Educational Psychology – Social Aspects	3
EDST 305	Educational Psychology – Cognitive Aspects	3 <sup>4</sup>
EDDV 400	Student Teaching	9 <sup>4</sup>

#### Within the College††

PHED 150	Movement Education for Children	3 <sup>1</sup>
PHED 214	Wellness: A Way of Life	3 <sup>1</sup>
PHED 220	Anatomy and Physiology	3 <sup>2</sup>
PHED 250	Motor Development	3 <sup>2</sup>
PHED 276	Personal Computers in Health, Physical Education and Recreation	3 <sup>2</sup>
PHED 300	History, Philosophy and Principles of Health, Physical Education and Recreation	3 <sup>3</sup>
PHED 305	Fundamentals of Athletic Training	3 <sup>3</sup>
PHED 314	Methods and Materials in Health Education	3 <sup>3</sup>
PHED 315	Methods and Materials in Drug Education	3 <sup>2</sup>
PHED 324	Measurement and Evaluation	3 <sup>3</sup>
PHED 342	Survey in Adaptive Physical Education/Recreation	3 <sup>3</sup>
PHED 360	Psychology and Techniques of Coaching	1 <sup>3</sup>
Coaching Technique courses		2 <sup>3</sup>
PHED 426	Biomechanics	4 <sup>4</sup>
PHED 430	Physiology of Activity	3 <sup>4</sup>
PHED 431	Physiology of Activity Lab	1 <sup>4</sup>
Skill courses		12 <sup>1-3</sup>
PHED 370†	Practicum in Methods of Elementary Physical Education	3 <sup>3</sup>
PHED 380†	Practicum in Methods of Secondary Physical Education	3 <sup>3</sup>
PHED 468	Teaching Seminar in Health/Physical Education	3 <sup>4</sup>

#### ELECTIVES

Electives	6
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**CREDITS TO TOTAL A MINIMUM OF 134**

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

NOTE: Students in this program must complete 21 credit hours of course work (outside the College of Physical Education, Athletics and Recreation) at the 300 level or above.

CURRICULUM CREDITS\*

#### UNIVERSITY REQUIREMENTS

ENGL 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§

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 A—Communication Skills 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.

Area B—Humanities and Fine Arts 6<sup>2,4</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.

Area C—Biological Sciences 6<sup>1,4</sup>

Biology courses

Area D—History and Social Science 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).

Area E—Natural Science and Mathematics

Mathematics course 3<sup>1</sup>

A minimum of six credits from at least two departments. 6<sup>2,4</sup>

Includes courses in Anthropology (physical), Chemistry, Engineering, Entomology, Geography, (physical and meteorology), Geology, Health Sciences (natural science area), Mathematics (except MATH 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

#### Within the College††

PHED 150	Movement Education for Children	3 <sup>1</sup>
PHED 214	Wellness: A Way of Life	3 <sup>2</sup>
PHED 220	Anatomy and Physiology	3 <sup>2</sup>
PHED 276	Personal Computers in Health, Physical Education and Recreation	3 <sup>1</sup>
PHED 300	History, Philosophy and Principles of Health, Physical Education and Recreation	3 <sup>3</sup>
PHED 305	Fundamentals of Athletic Training	3 <sup>3</sup>
PHED 324	Measurement and Evaluation	3 <sup>3</sup>
PHED 342	Survey in Adaptive Physical Education/Recreation	3 <sup>3</sup>
PHED 360	Psychology and Techniques of Coaching	1 <sup>3</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 27.

†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.

††Students may take a maximum of two beginning-level PHED 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 PHED 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 (PHED 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.

§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.

Coaching Technique courses.....	2 <sup>3</sup>
PHED 426 Biomechanics.....	4 <sup>4</sup>
PHED 430 Physiology of Activity.....	3 <sup>4</sup>
PHED 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\*

**UNIVERSITY REQUIREMENTS**

ENGL 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>3</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."

<i>Area A—Communication Skills</i> .....	6 <sup>2,4</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.

<i>Area B—Humanities and Fine Arts</i> .....	6 <sup>1,2</sup>
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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>1,2</sup>
Biology courses	

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

NTDI 200 Nutrition Concepts.....	3 <sup>1</sup>
Mathematics course.....	3 <sup>1</sup>

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 MATH 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**

BUAD 301 Introduction to Marketing.....	3 <sup>3</sup>
BUAD 309 Management and Organizational Behavior.....	3 <sup>3</sup>
FREC 201 Records and Accounts.....	3 <sup>1</sup>

**Within the College††**

PHED 220 Anatomy and Physiology.....	3 <sup>2</sup>
PHED 305 Fundamentals of Athletic Training.....	3 <sup>2</sup>
PHED 324 Measurement and Evaluation.....	3 <sup>3</sup>
PHED 276 Personal Computers in Health, Physical Education and Recreation.....	3 <sup>1</sup>
PHED 430 Physiology of Activity.....	4 <sup>4</sup>
PHED 431 Physiology of Activity Laboratory.....	1 <sup>4</sup>
PHED 432 Individualized Physical Fitness.....	3 <sup>4</sup>
PHED 434 Exercise Test Technology.....	2 <sup>4</sup>
PHED 437 Principles of Sport Management.....	3 <sup>4</sup>
PHED 438 Facilities Management in Health, Physical Education and Recreation.....	3 <sup>4</sup>
RPAD 270 Recreation Leadership.....	3 <sup>2</sup>
RPAD 310 Safety, First Aid and Emergency Care.....	3 <sup>2</sup>
PHED 464 Internship in Fitness Management.....	9 <sup>4</sup>
RPAD 260 Leisure Service Programming.....	3 <sup>2</sup>
PHED 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

\*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 27.

†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 PHED 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 PHED 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 (PHED 120) curriculum; e.g., Tennis II, Self Defense II, etc. Major students are permitted four credits of PHED 120 work under the above guidelines that may be counted toward graduation credit.

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

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

**UNIVERSITY REQUIREMENTS**

ENGL 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>	
NTDI 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 area), Mathematics (except MATH 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.	3 <sup>3</sup>

**MAJOR REQUIREMENTS**

**External to the College**

FREC 201 Records and Accounts .....	3
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**Within the College††**

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

ENGL 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>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 A—Communication Skills**</i> .....	9 <sup>1-3</sup>
Nine credits from the following departments: English (except literature), Speech/Communication, Foreign Languages and Literatures (except literature) and EDST 521.	

\*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 27.

†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 PHED 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 PHED 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 (PHED 120) curriculum; e.g., Tennis II, Self Defense II, etc. Major students are permitted four credits of PHED 120 work under the above guidelines that may be counted toward graduation credit.

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

**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>1,2,4</sup>

A minimum of 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—Mathematics, Natural and Biological Sciences\*\***

Mathematics course 3<sup>1</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 MATH 251, 252, 253), Physics, Physical Science, Psychology (physiological), Statistics and Computer Science.

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

*Professional Studies Core†*  
FREC 201 Records and Accounts 3<sup>1,2</sup>

**Within the College**

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

**Parks Concentration**

Twenty-one credit hours selected from the following: 21<sup>2,4</sup>  
PLSC 105 Introductory Forestry 3  
PLSC 212 Woody Landscape Plants 3  
PLSC 213 Turf Establishment and Maintenance 3  
PLSC 331 Landscape Construction I 4  
PLSC 332 Basic Landscape Design I 4  
PLSC 133 Ornamental Horticulture 3  
PLSC 211 Herbaceous Landscape Plants 3  
PLSC 215 Interior Plants 3  
EGTE 103 Land and Water Management 2  
EGTE 113 Land Surveying 1  
EGTE 105 Power and Machinery 4  
EGTE 107 Welding and Metals 2  
EGTE 108 Utilities 2

EGTE 109 Technical Drafting 2  
EGTE 306 Cost Estimating 2  
EGTE 307 Building Construction I 1  
GEOG 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**

ENGL 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**

*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 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 EDST 521.

**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 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 MATH 251, 252, 253), Physics, Physical Science, Psychology (physiological), Statistics and Computer Science.

\*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 27.

†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 RPAD 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.

**MAJOR REQUIREMENTS****External to the College***Professional Studies Core†*FREC 201 Records and Accounts ..... 3<sup>1,2</sup>**Within the Department***Professional Studies Core†*RPAD 105 Foundations of Recreation and Leisure Skills ..... 3<sup>1</sup>RPAD 164 Practicum in Recreation and Parks ..... 3<sup>2</sup>RPAD 270 Recreation Leadership ..... 3<sup>2</sup>RPAD 310 Safety, First Aid and Emergency Care ..... 3<sup>3</sup>RPAD 341 Principles of Outdoor Recreation ..... 3<sup>3</sup>RPAD 260 Leisure Service Programming ..... 3<sup>3</sup>RPAD 464 Internship in Recreation ..... 9<sup>4</sup>RPAD 404 Organization, Administration, Recreation  
and Leisure Service ..... 3<sup>4</sup>RPAD 450 Facility and Park Management ..... 3<sup>4</sup>RPAD 318 Special Recreation ..... 3<sup>2</sup>PHED 276 Personal Computers in Health, Physical  
Education and Recreation ..... 3<sup>1-3</sup>PHED 354 Seminar in Fitness Management/Recreation ..... 1<sup>3</sup>*Programming and Leadership Concentration* ..... 21Courses 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***Electives* ..... 16**CREDITS TO TOTAL A MINIMUM OF** ..... 128**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 RPAD 464. All courses in the Professional Studies Core are considered for minimum index.

## NOTES