

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.

of 27 credits-no less than six credits nor more than 12 credits in any one year

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 Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content.#	3 ¹
COLLEGE REQUIREMENTS**	
Writing Course 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 mally designated in the semester's Registration Booklet at "Satisfies Arts and Science second writing course."	ı nor-
Area A—Communication Skills	nd
Area B—Humanities and Fine Arts. Six to twelve credits from at least two of the following depa ments: Art, Art History, English (literature), Music, Philoso and Theatre. Specific courses from the College of Human Resources (Department of Textiles, Design and Consumer Economics).	rt- pphy
Area C—Biological Sciences Six credits taken in the Department of Biological Sciences	61
Area D—History and Social Science	
PSYC 201 General Psychology	
PSYC 317 Sexual Behavior and Motive	
IFST 401 Foundations of Human Sexuality	
Up to six credits from one of the following departments: Anthropology (except physical), Black American Studies Criminal Justice, Economics, Geography (except physica and meteorology), History, Political Science and International Relations, Psychology and Sociology. Speci courses from the College of Human Resources (Departm of Individual and Family Studies)	s, al fic
Area E—Natural Science and Mathematics NTDT 200 Nutrition Concepts Mathematics course	
Up to six additional credits may be taken from the followin departments: Anthropology (physical), Chemistry, Engineering, Entomology, Geography, (physical and met rology), Geology, Health Sciences (natural science area) Mathematics, Physics (including Astronomy), Physical	g 0-6 ^{1,3} teo-

Science, Plant and Soil Sciences, Psychology (physiological),

^{*}Superior figures indicate year or years in which the course is normally taken, i.e., ¹freshman year, ²sophomore 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

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	31
EDST 304	Educational Psychology – Social Aspects	3
EDST 305	Educational Psychology – Cognitive Aspects	34
EDDV 400	Student Teaching	
Within the	College††	
PHED 150	Movement Education for Children	3^{1}
PHED 214	Wellness: A Way of Life	31
PHED 220	Anatomy and Physiology	$3^{\frac{9}{2}}$
PHED 250	Motor Development	32
PHED 276	Personal Computers in Health,	$3^{\frac{9}{2}}$
	Physical Education and Recreation	
PHED 300	History, Philosophy and Principles of Health,	33
	Physical Education and Recreation	
PHED 305	Fundamentals of Athletic Training	38
PHED 314	Methods and Materials in Health Education	38
PHED 315	Methods and Materials in Drug Education	32
PHED 324	Measurement and Evaluation	33
PHED 342	Survey in Adaptive Physical Education/Recreation	3^{3}
PHED 360	Psychology and Techniques of Coaching	
Coaching To	echnique courses	2^{3}
PHED 426	Biomechanics	4^{4}
PHED 430	Physiology of Activity	3^{4}
PHED 431	Physiology of Activity Lab	1^{4}
Skill courses		12^{1}
PHED 370†	Practicum in Methods of Elementary	3^{3}
·	Physical Education	
PHED 380†	Practicum in Methods of Secondary	3^{3}
	Physical Education	
PHED 468	Teaching Seminar in Health/Physical Education	3^{4}
ELECTIVES	•	
Electives		6
CD FD FMC M	O MOREY A MOVEMENT OF	o 4
CREDITS T	O TOTAL A MINIMUM OF	34

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 CRE	DITS
UNIVERSITY REQUIREMENTS	
ENGL 110 Critical Reading and Writing	3^{1}
ENGL 110 Critical Reading and Writing	3 ¹⁻⁴
multicultural, ethnic, and/or gender-related content.#	

COLLEGE REQUIREMENTS§

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Writing Course 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."	3 3,4
Area A—Communication Skills Six credits from at least two of the following departments: English (writing/composition courses), Communication and Foreign Languages and Literatures.	6 1-3
Area B—Humanities and Fine Arts 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.	6 2-4
Area C—Biological Sciences Biology courses	6 1-4
Area D—History and Social Science 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)	92,4
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	3 ¹ 6 ²⁻⁴
Resources (Department of Nutrition and Dietetics) and the College of Marine Studies.	

MAJOR REQUIREMENTS

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

^{*}Superior figures indicate year or years in which the course is normally taken, i.e., ¹freshman year, ²sophomore 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 20, a major g p a of at least 275, 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

$ \begin{array}{c cccc} \text{Coaching Technique courses} & 2^3 \\ \text{PHED 426} & \text{Biomechanics} & 4^4 \\ \text{PHED 430} & \text{Physiology of Activity} & 3^4 \\ \text{PHED 431} & \text{Physiology of Activity Lab} & 1^4 \\ \end{array} $	cal 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).
Skill courses‡ 6 ¹⁻⁴ ELECTIVES	Area E—Natural Science and Mathematics NTDT 200 Nutrition Concepts 3 ¹ Mathematics course 3 ¹
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	A minimum of three credits from at least two departments. 3 ²⁻⁴ 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
DEGREE: BACHELOR OF SCIENCE IN PHYSICAL EDUCATION STUDIES MAJOR: PHYSICAL EDUCATION STUDIES CONCENTRATION: FITNESS MANAGEMENT	External to the College BUAD 301 Introduction to Marketing 3³ BUAD 309 Management and Organizational Behavior 3³ FREC 201 Records and Accounts 3¹
CURRICULUM CREDITS*	Within the College††
HANGEDOUTY DECLUDEAGENTO	PHED 220 Anatomy and Physiology 32
UNIVERSITY REQUIREMENTS	PHED 305 Fundamentals of Athletic Training
ENGL 110 Critical Reading and Writing 31 Three credits in an approved course or courses stressing 314 multicultural, ethnic, and/or gender-related content.#	PHED 324 Measurement and Evaluation 33 PHED 276 Personal Computers in Health, Physical 31 Education and Recreation
COLLEGE REQUIREMENTS†	PHED 430 Physiology of Activity 44 PHED 431 Physiology of Activity Laboratory 14
Writing Course	PHED 432 Individualized Physical Fitness 3 ⁴
A writing course involving significant writing experience	PHED 434 Exercise Test Technology
including two papers with a combined minimum of 3,000	PHED 437 Principles of Sport Management 34
words to be submitted for extended faculty critique of both	PHED 438 Facilities Management in Health, Physical 3 ⁴ Education and Recreation
composition and content. Appropriate writing courses are nor-	RPAD 270 Recreation Leadership
mally designated in the semester's Registration Booklet at "Satisfies Arts and Science second writing course."	RPAD 310 Safety, First Aid and Emergency Care 3 ²
~	PHED 464 Internship in Fitness Management 94
Area A—Communication Skills 62,4	RPAD 260 Leisure Service Programming 32
Six credits from at least two of the following departments: English (writing/composition courses), Communication and Foreign Languages and Literatures.	PHED 354 Seminar in Fitness Management 14 ELECTIVES
Area B—Humanities and Fine Arts	Electives 18 ¹⁻³
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	CREDITS TO TOTAL A MINIMUM OF
Human Resources (Department of Textiles, Design and Consumer Economics) may be selected upon approval of the adviser.	
Area C—Biological Sciences	
Biology courses	
Area D—History and Social Science 91,2,4	
A minimum of nine credits from at least two of the following departments: Anthropology (except physical), Black American Studies, Criminal Justice, Economics, Geography (except physi-	

^{*}Superior figures indicate year or years in which the course is normally taken, i.e., ¹freshman year, ²sophomore 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.

CURRICULUM CREDITS UNIVERSITY REQUIREMENTS ENCL 110 Critical Reading and Writing 31 Three credits in an approved course or courses stressing medicultural, elmin, and/or gender-related content. B FIELD 35 Figure Skating Practicum II. 33 Three credits in an approved course or courses stressing medicultural, elmin, and/or gender-related content. B FIELD 425 Appropriate writing course or courses stressing medicultural, elmin, and or gender-related content. B FIELD 435 Replaced of Activity Labouatory 17 GOLLEGE REQUIREMENTS Writing Course involving significant writing experience Appropriate writing courses are normally designated in the Registration Booklet. Annu A—Communication Still. Annu Aminimum of nine credits from at least two of the following departments English (voiting/ composition courses). Communication and Foreign Languages and Literature). Mask-Philosophy and and Foreign Languages and Literature and International Relations, Psychology and Social Science. Annu Aminimum of the care Specific courses from the College of Human Resources (Department of Textiles, Design and Consumer Economics) may be selected upon approval of the adviser. Annu Aminimum of a theory English (interature). Mask-Philosophy and Theater Specific courses from the College of Human Resources (Department of Textiles, Design and Consumer Economics). The College of Human Resources (Department of Textiles, Design and Consumer Economics of Congraphy (except physical and unetwoology), History Political Sciences and International Relations, Psychology and Sociology Specific courses from the College of Human Resources (Department of Naturatopology (Physical)). Chemistry, Engineering, Entomology, Congraphy, (physical) and metovology, Coclogy, Hellos y Physical Science, Specific courses from the Department of Food Science, the College of Human Resources (Department of Naturatopology (Physical)). Chemistry, Engineering, Entomology, Congraphy, (physical) and metovology, Coclogy, Hellos y Physical Sciences and Authoropology (Physica	DEGREE: BACHELOR OF SCIENCE MAJOR: PHYSICAL EDUCATION STUDIES CONCENTRATION: FIGURE SKATING SCIENCE		PHED 305		3^{2}
UNIVERSITY REQUIREMENTS FIG. 110 Critical Reading and Writing S1 Three credits in an approved course or courses stressing S1 Three credits in an approved course or courses stressing S1 Three credits in an approved course or courses stressing S1 Three credits in an approved course or courses stressing S1 Three credits in an approved course or courses stressing S1 Three credits in an approved course or courses stressing S1 Three credits in an approved course or courses stressing S1 Three credits in an approved course or courses stressing S1 Three credits in an approved course or courses stressing S1 Three credits in an approved course or courses stressing S1 Three credits in an approved course or courses stressing S1 Three credits in an approved course or courses stressing S1 Three credits in an approved course or courses stressing S2 Three credits in an approved course or courses stressing S2 Three credits in an approved course or courses stressing S2 Three credits in an approved course or courses are completed sufficient elective credits in an approved course or courses are completed sufficient elective credits must be taken to meet the minimum credit requirement for the degree. The S1 Three credits from at least two of the following departments of the college of Human Resources (Department of Textiles, Design and Constunct Economics) may be selected upon approval of the adviser. Arma C—Businguial Sciences S1 Aminimum of three credits from at least two of the following departments. English (the rature, Minic, Philosophy and Theatre, Specific courses from the College of Human Resources (Department of Textiles, Design and Constanct Economics, Geography (except physical), Black American Studies, Armerican Studies, Armerican Studies, Criminal Justice, Economics, Geography (except physical), Black American Studies, Criminal Justice, Economics, Geography (except physical), Black American Studies, Armerican Studies, Criminal Justice, Economics, Geography, (physical Science, Plant	CURRICULUM CREDIT	S*		Figure Skating Practicum I Figure Skating Practicum II	3^{3}
ENCL. 10 Citical Reading and writing multiculural, ethnic, and/or gender-elated content# COLLEGE REQUIREMENTS† Writing Course involving significant writing experience Appropriate writing course are normally designated in the Registration Booklet. A writing course involving significant writing experience Appropriate writing courses are normally designated in the Registration Booklet. A minimum of nine credits from at least two of the following departments: English (writing/composition courses), Communication and Foreign Languages and Literatures Area B—Humanistic and Fine Att. A minimum of six credits from at least two of the following departments: English (writing/composition courses), Communication and Foreign Languages and Literatures Area B—Humanistic and Fine Att. A minimum of six credits from at least two of the following departments: Authory, English (titlerature), Music, Area B—Humanistic and Fine Att. Area C—Biological Sciences Biology courses Area C—Biological Sciences Biology courses Area C—Biological Sciences Biology courses Area E—Authory by Optical Science and International Relations, Psychology and Sociology Specific courses from the College of Human Resources (Department of Individual and Family Studies) A minimum of three credits from at least two of the following departments Authoropology (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) A minimum of three credits from at least two of the following departments Includes courses in Anthropology (except physical) and meteorology, History, Political Science and International Relations, Psychology and Sociology Specific courses from the College of Human Resources (Department of Notirion and Dietetics) and meteorology, History, Physical Science Repetition of Individual and Family Studies A minimum of the certain from a Least two of the following departments in the servi	UNIVERSITY REQUIREMENTS			Psychology of Coaching	1^{2}
COLLEGE REQUIREMENTS Writing Caurse A writing course involving significant writing experience Appropriate writing courses are normally designated in the Registration Booklet A minimum of nine credits from at least two of the following departments: English (writing/composition courses), Communication and Foreign Languages and Literatures A minimum of six credits from at least two of the following departments: Art, Att 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 D—Bologual Sciences Biology courses Area D—Bologual Sciences Biology courses Area D—Bologual Sciences Area D—Bologual Sciences Biology courses Area D—Bologual Sciences Area L—Rithery and Social Science Area L—Rithery and Social Science Area L—Rithery and Social Science Area L—Rithery and Social Sciences Biology courses Area L—Rithery and Social Sciences Area L—Rithery and Social Sciences Biology courses Area L—Natural Sciences and International Relations, Psychology and Sociology Specific courses from the College of Human Resources (Department of Individual and Family Studies) Area L—Natural Sciences and International Relations, Psychology and Sociology Specific courses from the College of Human Resources (Department of Individual and Family Studies) A minimum of three credits from any of the following departments Anthropology (except physical) A minimum of three credits from any of the following departments and properties of the following departments of the following department of Nutrition and Dictetics) An inimimum of three credits from any of the following departments and properties of the following department of Nutri	Three credits in an approved course or courses stressing	4	PHED 425 PHED 426	Athletics and Sport Psychology Biomechanics of Sports	$\frac{3^3}{4^4}$
Writing Course involving significant writing experience A writing course involving significant writing experience Appropriate writing courses are normally designated in the Registration Booklet A minimum of nine credits from at least two of the following departments Regish (writing), composition courses), Communication and Foreign Languages and Literatures Area B—Humanities and Fine Ats Area B—Biologial Sciences Human Resources (Department of Textiles, Design and Consumer Economics) may be selected upon approval of the adviser. Biology courses Area D—History and Social Science Biology courses Area D—History and Social Science Area D—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 Individual and Family Studies. Area B—Natural Science and Mathematics Nathematics course. A minimum of three credits from any of the following departments Includes courses in Anthropology (physical) And meteorology), Physical Science, Plant Science, Instruction, Concepts Area B—Natural Science, and Mathematics Chemistry, Engineering, Entomology, Geography, (Physical and meteorology), Physical Science, Plant Science, Instruction, Control of Policy (Physiological), Statistics and Computer Science, Specific courses from the Department of Took Science, Psychology (physiological), Statistics and Computer Science, Specific courses from the Department of Took Science, Psychology (physiological), Physical Science, Plant Sci					
A writing course involving significant writing experience. Appropriate writing courses are normally designated in the Registration Booklet. Ama A—Communication Skills. Ama Inimum of nine credits from at least two of the following departments: English (writing/composition courses). Communication and Foreign Languages and Literatures. Ama B—Humanitis and Fine Arts. Ama B—Humanitis and Fine Arts. Ama Inimum 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. Ama D—Biological Sciences Area D—Biological Sciences Area D—Biological Sciences Area D—Biological Sciences Area D—Ribary and Social Sciences Area D—Nonthing Institute of Science and International Relations, Psychology and Sociology, Specific courses from the College of Human Resources (Department of Individual and Family Studies) Courses from the College of Human Resources (Department of Nutrition Concepts Area D—Ribary Sciences and Mathematics Area D—Ribary Sciences and Mathematic	•	?-4		Lah Practicum/Exercise Physiology	13
Are A—Communication Skills A minimum of nine credits from at least two of the following departments English (witing) (composition courses), Communication and Foreign Languages and Literatures Are B—Humanitis and Fine Arts A minimum of six credits from at least two of the following departments for from at least two of the following departments Art, Art History, English (literature), Music, Philosophy and Theater 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 Area C—Biological Sciences Area C—Biological Sciences Area C—Biological Sciences Area C—Mintory and Social Science Area C—Mintory and Social Scie	A writing course involving significant writing experience. Appropriate writing courses are normally designated in the		PHED 437 or	Principles of Sport Management.	3 ²
Area B—Humanities and Fine Arts A minimum of six credits from at least two of the following departments Art, Art History, Political Science and Mathematics Area C—Biological Sciences Biology courses Area C—Minternation 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 NTDT 200 Nutrition Concepts 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, Pants Cience, Psychology (physiological), Statistics and Computer Science Specific courses from the Department of Nutrition and Dieteits) and the College of Marine Studies MAJOR REQUIREMENTS External to the College FRAD 270 Records and Accounts 61-4 RPAD 270 Records and Accounts 61-4 RPAD 270 Records and Accounts 61-4 RPAD 270 Records and Fine Economics, Includes 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 AND PARK ADMINISTRATION MAJOR: RECREATION AND PARK ADMINISTRATION CONCENTRATION	Area A—Communication Skills. 9 A minimum of nine credits from at least two of the following departments: English (writing/composition courses),	-4	PHED 440 PHED 455	Education and Recreation Strategies for Athletic Peak Performance Figure Skating Practicum III	$\frac{3^4}{3^4}$
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	Area B—Humanities and Fine Arts 61 A minimum of six credits from at least two of the following	-4	RPAD 260 RPAD 270	Leisure Service Programming Recreation Leadership	3^{2} 3^{1}
Consumer Economics) may be selected upon approval of the adviser. Area C—Biological Sciences Biology courses Area D—History and Social Science. Area D—History and Social Science. Area D—History and Social Science. Aminimum 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 NTD1 200 Nutrition Concepts A minimum of three credits from any of the following departments. Includes courses in Anthropology (physical), Chemistry, Engineering, Entomology, Geography, (physical) and meteorology), Reology, 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 ENGL 110 Critical Reading and Writing UNIVERSITY REQUIREMENTS ENGL 110 Critical Reading and Writing and Prize credits in an approved course or courses stressing and untitutural, ethnic, and/or gender-related content# Three credits in an approved course or courses stressing and the college of Marine Studies. Writing Course 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 "Statisfies Arts and Science second writing courses are normally designated in the semester's Registration Booklet at "Statisfies Arts and Science second writing courses are			ELECTIVE	S	
Area D—Biological Sciences 614 Biology courses Area D—History and Social Science 914 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 NTDT 200 Nutrition Concepts 31 Mathematics course. 31 Mathematics 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 FREC 201 Records and Accounts 33 the degree. CREDITS TO TOTAL A MINIMUM OF 128 DEGREE: BACHELOR OF SCIENCE IN RECREATION AND PARK ADMINISTRATION CONCENTRATION: PARKS CURRICULUM CREDITS: UNIVERSITY REQUIREMENTS ENGL 110 Critical Reading and Writing 31 Three credits in an approved course or courses stressing 31-4 multicular, ethnic, and/or gender-related content # COLLEGE REQUIREMENTS Writing Course 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 "Statisfies Arts and Science second writing course." Area A—Communication Skills** Nine credits from the following departments: English (except literature) Speech/Communication, Foreign Languages and	Consumer Economics) may be selected upon approval of the	ì	After requir		
Area D—History and Social Science. 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. 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 Science, Inatural 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 Nutrition and Dietetics) and the College of Marine Studies. MAJOR REQUIREMENTS External to the College FREC 201 Records and Accounts 3 1 A minimum of inimum of sologos (Period Science), the College of Human Resources (Department of Science, the College of Human Resources) (Pepartment of Science, Specific courses from the Department of Food Science, the College of Human Resources) (Pepartment of Science, the College of Human Resources) (Pepartment of Science, Specific courses from the Department of Food Science, the College of Human Resources) (Pepartment of Science, Specific courses from the Department of Nutrition and Dietetics) and the College of Marine Studies. MAJOR REQUIREMENTS External to the College FREC 201 Records and Accounts 3 2 A minimum of three credits from any of the following departments: English (except Mitra) (Pepartment of Science, Indication, Procigin Languages and Science, Plant Science, Psychology (Physiological), Statistics and Countries and Partment of Science, Psychology (Physiological), Statistics and Composition and the College of Marine Studies. A minimum of thr		-4	the degree	•	_
NTDI 200 Nutrition Concepts Mathematics course 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 (includ- ing 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 FREC 201 Records and Accounts 31 UNIVERSITY REQUIREMENTS ENGL 110 Critical Reading and Writing 31 Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content.# COLLEGE REQUIREMENTS Writing Course 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** Nine credits from the following departments: English (except literature), Speech/Communication, Foreign Languages and	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)	-4	DEGREE: I	BACHELOR OF SCIENCE IN RECREATION AND PARK ADMINISTRATION ECREATION AND PARK ADMINISTRATION	8
Mathematics course 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. MAJOR REQUIREMENTS External to the College FREC 201 Records and Accounts 3 UNIVERSITY REQUIREMENTS ENGL 110 Critical Reading and Writing 31 Three credits in an approved course or courses stressing 31-4 Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content # COLLEGE REQUIREMENTS Writing Course 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** Nine credits from the following departments: English (except literature), Speech/Communication, Foreign Languages and	Area E—Natural Science and Mathematics NTD I 200 Nutrition Concepts 31		CURRICUL	.UM CREDI	TS*
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. MAJOR REQUIREMENTS External to the College FREC 201 Records and Accounts 3 3 4 ENGL 110 Critical Reading and Writing	Mathematics course		UNIVERSIT	TY REQUIREMENTS	
ing 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 FREC 201 Records and Accounts Writing Course 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 nor- mally designated in the semester's Registration Booklet at "Satisfies Arts and Science second writing course." Area A—Communication Skills** Nine credits from the following departments: English (except literature), Speech/Communication, Foreign Languages and	departments. Includes courses in Anthropology (physical), Chemistry, Engineering, Entomology, Geography, (physical and meteorology), Geology, Health Sciences (natural science	-	ENGL 110 Three credi	Critical Reading and Writing	1 1-4
(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 FREC 201 Records and Accounts Witting Course 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** Nine credits from the following departments: English (except literature), Speech/Communication, Foreign Languages and					
Human Resources (Department of Nutrition and Dietetics) and the College of Marine Studies. MAJOR REQUIREMENTS External to the College FREC 201 Records and Accounts Within the College† 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** Nine credits from the following departments: English (except literature), Speech/Communication, Foreign Languages and	(physiological), Statistics and Computer Science Specific		Ģ	rse	33,4
External to the College FREC 201 Records and Accounts Within the College† Satisfies Arts and Science second writing course." Area A—Communication Skills** Nine credits from the following departments: English (except literature), Speech/Communication, Foreign Languages and	Human Resources (Department of Nutrition and Dietetics)		including two words to be composition	vo papers with a combined minimum of 3,000 submitted for extended faculty critique of both and content. Appropriate writing courses are nor-	
FREC 201 Records and Accounts 3 Area A—Communication Skills** Nine credits from the following departments: English (except literature), Speech/Communication, Foreign Languages and		*			
Within the College†† Nine credits from the following departments: English (except literature), Speech/Communication, Foreign Languages and	•			•	9 ¹⁻³
, , , ,			Nine credits literature),	s from the following departments: English (except Speech/Communication, Foreign Languages and	-

^{*}Superior figures indicate year or years in which the course is normally taken, i.e., ¹freshman year, ²sophomore 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,

the 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.

A minimum Art History erature), M the College	manities and Fine Arts**	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
A minimum Anthropolo Criminal Ju Psychology, from the Co Studies may Area D—Ma Mathematic A minimum department Engineering Dietetics, G Health Scie Mathematic	story and Social Science** n of nine credits from at least two of the following: ggy (except physical), Black American Studies, stice, Economics, History, Political Science, Sociology and Women's Studies. In addition, courses ollege of Human Resources in Individual Family be selected athematics, Natural and Biological Sciences** cs course n of nine credits from at least two of the following ts: Anthropology (physical), Biology, Chemistry, g, Entomology, Food Science, Nutrition and eography (physical and meteorology), Geology, nces (natural science area), Marine Studies, cs (except MATH 251, 252, 253), Physics, Physical ychology (physiological), Statistics and Computer	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 31 Three credits in an approved course or courses stressing 31 Three credits in an approved course or courses stressing 31 multicultural, ethnic, and/or gender-related content.#
Science.	EQUIREMENTS	COLLEGE REQUIREMENTS
		Writing Course
Professional . FREC 201	o the College Studies Core† Records and Accounts 31,2	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 nor-
Within the	College	mally designated in the semester's Registration Booklet at
RPAD 105	Studies Core† 3^1 Foundations of Recreation and Leisure Skills 3^1 Practicum in Recreation and Parks 3^2 Recreation Leadership 3^2 Safety, First Aid and Emergency Care 3^3	"Satisfies Arts and Science second writing course." Area A—Communication Skills** A minimum of nine credits from the following departments: English (except literature), Speech/Communication, Foreign Languages and Literatures (except literature) and EDST 521.
RPAD 341 RPAD 260 RPAD 464 RPAD 404 RPAD 450 RPAD 318	Principles of Outdoor Recreation 33 Leisure Service Programming 33 Internship in Recreation 94 Organization, Administration, Recreation 34 and Leisure Service Facility and Park Management 34 Special Recreation 3	Area B—Humanities and Fine Arts**
	Personal Computers in Health, Physical	Area C—History and Social Science** A minimum of nine credits from at least two of the following
Parks Concer		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.
PLSC 331 PLSC 332 PLSC 332 PLSC 133 PLSC 211 PLSC 215 EGTE 103 EGTE 113 EGTE 105 EGTE 107 EGTE 108	Landscape Construction I	Areà D—Mathematics, Natural and Biological Sciences** Mathematics course

^{*}Superior figures indicate year or years in which the course is normally taken, i.e., ¹freshman year, ²sophomore 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. 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 ¹				
Within the	Department					
Professional S	Studies Core†					
RPAD 105		3^{1}				
RPAD 164	Practicum in Recreation and Parks	3^2				
RPAD 270	Recreation Leadership	3^2				
RPAD 310	Safety, First Aid and Emergency Care	3^3				
RPAD 341	Principles of Outdoor Recreation	3^3				
RPAD 260	Leisure Service Programming	3^3				
RPAD 464	Internship in Recreation	9^4				
RPAD 404	Organization, Administration, Recreation	3^4				
	and Leisure Service					
RPAD 450		3^{4}				
RPAD 318	Special Recreation	3^{2}				
PHED 276	Personal Computers in Health, Physical	3 ¹⁻				
	Education and Recreation					
PHED 354	Seminar in Fitness Management/Recreation	13				
Programming	g and Leadership Concentration 2	1				
Courses refl	ecting a sub-discipline of leisure chosen under the					
	faculty advisor and submitted for approval to the					
Recreation s	Recreation sub-committee no later than the first semester of					
the junior ye	ear.					
ELECTIVES						

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