



INDIANA UNIVERSITY BULLETIN

(OFFICIAL SERIES)



School
of
Health, Physical Education, and Recreation

(Organized in 1946)

Announcements, 1950-51



INDIANA UNIVERSITY BULLETIN

(OFFICIAL SERIES)

Entered as second-class mail matter January 28, 1916, at the post office at Bloomington, Indiana, under the Act of August 24, 1912. Published thirty times a year (four times each in January, February, March; three times each in April, May, June; twice each in July, August, December; monthly in September, October, November), by Indiana University from the University Office, Bloomington, Indiana.

Vol. XLVIII, No. 8

Bloomington, Indiana

February, 1950

Historical Sketch

THE School of Health, Physical Education, and Recreation of Indiana University began official operation as an autonomous School of the University, July 1, 1946. The program of the School is a reorganized continuation of work of several agencies which have been joined in this new unit of the University. The Normal College of the American Gymnastic Union began to train teachers of physical education in 1866—the first educational institution in America to perform this type of professional service. The Physical Welfare Training Department of the School of Education of Indiana University was an outgrowth of work in preparing teachers of physical and health education approximately a quarter of a century ago with the first graduates in this field receiving degrees in 1926. The departments of Physical Education for Women and Physical Education and Athletics for Men at Indiana University have been developing programs of service physical education courses, intramural sports, and recreational training for many years.

For further information concerning degree requirements, write to the Office of the Dean, School of Health, Physical Education, and Recreation, Indiana University. On the Bloomington campus the general office of the School is located in the Mottier House on Forest Place. The campus phone number is 6811, Extension 393.

Table of Contents

	PAGE
HISTORICAL SKETCH	Inside Cover
CALENDAR, 1950-51	2
FACULTY OF THE SCHOOL OF HEALTH, PHYSICAL EDUCATION, AND RECREATION, 1949-50	3
Staff of the Normal College, Indianapolis	5
GENERAL STATEMENT	8
Admission of Undergraduates	9
Undergraduate Degrees	10
Curricula	12
Graduate Degrees	23
Master of Science Degree	23
Director Degree	25
The Doctorate	26
Fees and Expenses	29
DEPARTMENTS IN THE SCHOOL OF HEALTH, PHYSICAL EDUCATION, AND RECREATION	30
Professional Department	30
Department of Intercollegiate Athletics for Men	30
Department of Health and Safety	31
Normal College of the American Gymnastic Union Department	31
Department of Physical Education for Women	33
Department of Physical Education for Men	34
Department of Recreation	34
Bureau of Service and Research	35
COURSES IN THE SCHOOL OF HEALTH, PHYSICAL EDUCATION, AND RECREATION, 1950-51	36
Undergraduate Courses	36
Graduate Courses	41

Calendar, 1950-51

First Semester

September 20Wednesday, 8 a.m. .Required meeting of all NEW JUNIOR DIVISION students.
September 21Thursday, 9 a.m. ..Required meeting of all NEW TRANSFER students above Freshman standing.
September 21, 22 ..Thursday, Friday ..Former students register.
September 23-26 ...Saturday-Tuesday ..Enrollment of ALL students.
September 27Wednesday, 7:30 a.m..Classes begin.
November 21Tuesday, 5:20 p.m. .Thanksgiving recess begins.
November 27Monday, 7:30 a.m. .Thanksgiving recess ends.
December 22Friday, 5:20 p.m. ..Christmas recess begins.
January 9Tuesday, 7:30 a.m. Christmas recess ends.
January 29MondayFinal examinations begin.
February 6TuesdayFirst semester ends.

Second Semester

February 13Tuesday, 8 a.m. ...Required meeting of all NEW students.
February 13, 14Tuesday, Wednesday.Former students register and plan programs.
February 15-17Thursday-Saturday .Enrollment of ALL students.
February 19Monday, 7:30 a.m. .Classes begin.
March 21Wednesday, 5:20 p.m.Spring recess begins.
March 28Wednesday, 7:30 a.m.Spring recess ends.
June 4MondayFinal examinations begin.
June 11MondaySecond semester ends.
June 18MondayCommencement.

Summer Session, 1951

June 21Thursday, 8 a.m. ...Required meeting of all NEW students.
June 22FridayRegistration of all students.
June 23SaturdayEnrollment of all students.
June 25MondayClasses begin.
June 30SaturdayWednesday classes meet.
July 4WednesdayIndependence Day holiday.
August 17FridaySummer session ends.

Faculty of the School of Health, Physical Education, and Recreation, 1949-50

HERMAN B WELLS, A.M., LL.D., President of the University.

WILLIAM LOWE BRYAN, Ph.D., LL.D., L.H.D., President Emeritus of the University.

HERMAN THOMPSON BRISCOE, Ph.D., Vice President, and Dean of the Faculties.

JOSEPH AMOS FRANKLIN, B.S., Vice President, and Treasurer.

CHARLES EDWIN HARRELL, A.B., LL.B., Registrar, and Director of the Office of Records and Admissions.

WILLARD WALTER PATTY, Ph.D., Dean of the School of Health, Physical Education, and Recreation, and Professor of Health and Safety.

ZORA GOODWIN CLEVINGER, Professor Emeritus of Physical Education for Men.

WILLARD WALTER PATTY, Dean of the School of Health, Physical Education, and Recreation, and Professor of Health and Safety.

A.B., Iowa State Teachers College, 1914; A.M., University of California, 1920; Ph.D., 1925.

KARL WEBBER BOOKWALTER, Director of the Bureau of Service and Research, and Professor of Physical Education for Men (on leave of absence, second semester, 1949-50).

A.B., University of Denver, 1925; A.M., Teachers College, Columbia University, 1928; Ed.D., New York University, 1939.

EDNA FRANCES MUNRO, Director of the Department of Physical Education for Women, and Associate Professor of Physical Education for Women.

A.B., Oberlin College, 1914; A.M., Columbia University, 1922.

GARRETT G. EPPLEY, Acting Chairman (Recreation), Associate Professor of Recreational Education, and Consultant in Recreation for State Parks, Cities, and Schools.

A.B., Manchester College, 1919; A.M., University of Chicago, 1947.

CLYDE BOWERS SMITH, Associate Professor of Physical Education for Men, and Head Football Coach.

A.B., Geneva College, 1929; M.S. in Ed., Indiana University, 1936.

PAUL JOHN HARRELL, Director of Athletics, and Associate Professor of Physical Education for Men.

B.S., Indiana University, 1931; M.S. in Ed., 1937.

MARJORIE PORTER PHILLIPS, Associate Professor of Physical Education for Women.

B.S., Boston University, 1931; M.S., Wellesley College, 1935; Ph.D., University of Wisconsin, 1945.

MARKHAM CHURR WAKEFIELD, Chairman, and Associate Professor of Physical Education for Men.

A.B., Indiana University, 1920; A.M., Columbia University, 1932; Ed.D., Indiana University, 1944.

GEORGE EZRA SCHLAFER, Assistant Professor of Recreation.

Ph.B., North Central College, 1906; A.M., Indiana University, 1928.

JANE FOX, Assistant Professor of Physical Education for Women.

B.S., Columbia University, 1927; M.S. in Ed., Indiana University, 1934.

- HELEN LYDIA YEAKEL, Assistant Professor of Physical Education for Women.
B.S., Denison University, 1924; Certificate in Hygiene and Physical Education, Wellesley College, 1926; M.S. in Ed., Indiana University, 1934.
- REYNOLD EDGAR CARLSON, Assistant Professor of Recreation.
A.B., University of California, 1925; A.M., 1936.
- ARTHUR THOMAS SLATER-HAMMEL, Assistant Professor of Physical Education for Men.
A.B., Oberlin College, 1938; A.M., 1939; Ph.D., State University of Iowa, 1947.
- EMMETT BRANCH MCCrackEN, Assistant Professor of Physical Education for Men, and Basketball Coach.
B.S., Indiana University, 1930; M.S. in Ed., 1935.
- WILLIAM FRANKLIN EICK, Assistant Professor of Physical Education for Men.
B.S., Ohio State University, 1944; A.M., 1945.
- GORDON R. FISHER, Assistant Professor of Physical Education for Men, and Track Coach.
B.S., University of Minnesota, 1926; A.M., New York University, 1932.
- JESSE KEOGH RASH, Assistant Professor of Health and Safety.
A.B., Penn College, 1928; A.M., Y.M.C.A. Graduate School (Nashville, Tenn.), 1933; Director of Health and Safety, Indiana University, 1948; Doctor of Health and Safety, 1949.
- MALCOLM JOHN MCLELLAND, Assistant Professor of Health and Safety.
B.S., Iowa State Teachers College, 1937; M.S. in Ed., Indiana University, 1941; Director of Health and Safety, 1947.
- NAOMI LAURA LEYHE, Instructor in Physical Education for Women.
B.S., University of Illinois, 1935; M.S., Wellesley College, 1938.
- CLUM C. BUCHER, Instructor in Physical Education for Men.
A.B., Indiana University, 1929; M.S. in Ed., 1933.
- ROBERT ARCHIE ROYER, Instructor in Physical Education for Men, and Swimming Coach.
A.B., Indiana University, 1928.
- C. WESLEY DANE, Acting Chairman, and Instructor in Health and Safety.
B.S., Springfield College, 1928; M.Ed., 1941; Director of Health and Safety, Indiana University, 1947.
- OTTO ELMER RYSER, Instructor in Physical Education for Men, and Gymnastics Coach.
B.S., Indiana University, 1941; M.S. in Ed., 1946; Director of Physical Education, 1949.
- DOROTHY DEAN SUMMERS, Instructor in Physical Education for Women.
A.B., Indiana University, 1944; M.S. in Ed., University of Wisconsin, 1946.
- CHARLES ELMER MCDANIEL, Instructor in Physical Education for Men, Wrestling Coach, and Assistant Football Coach.
B.S., Indiana University, 1938.
- JOAN WICHMAN, Instructor in Physical Education for Women.
A.B., Oberlin College, 1941.
- OWEN LOVEJOY COCHRANE, JR., Instructor in Physical Education for Men, and Assistant Football Coach.
B.S., Kansas State College, 1930.
- CHARLENE ANN COADY, Instructor in Physical Education for Women.
B.S., University of Illinois, 1940.

- JOHN ROBERT ENDWRIGHT, Instructor in Physical Education for Men, and Administrative Assistant to the Dean of the School of Health, Physical Education, and Recreation.
B.S., Indiana University, 1946; M.S. in P.Ed., 1947.
- OTIS DON EDMONDS, Instructor in Physical Education for Men, and Football Backfield Coach.
B.S., Indiana University, 1933; M.S. in Ed., 1934.
- JAMES ANDREW FREEMAN, Instructor in Physical Education for Men, and Football Line Coach.
B.S., Indiana University, 1938; M.S. in Ed., 1939.
- EDWARD GEORGE WHEREATT, Instructor in Physical Education for Men, and Head Freshman Football Coach.
B.Ed., Wisconsin State Teachers College (Superior), 1928.
- ERNEST HENRY ANDRES, JR., Instructor in Physical Education for Men, Head Baseball Coach, and Assistant Basketball Coach.
- STEPHEN PATRICK SINKO, Instructor in Physical Education for Men, and Football Line Coach.
B.S., Duquesne University, 1934.
- KENNETH LEONIDAS PRICE, Instructor in Physical Education for Men, and Assistant Coach.
B.S., Indiana University, 1947; M.S. in Ed., 1948.
- HELEN ELIZABETH TANNER, Instructor in Physical Education for Women.
B.S., Woman's College of the University of North Carolina, 1943; A.M., Texas State College for Women, 1948.
- ROBERT ALEXANDER RAVENSBERG, Instructor in Physical Education for Men, and Assistant Football Coach (beginning February 20, 1950).
- JEROME THOMAS FEMAL, Part-time Instructor in Recreation.
B.S., University of Wisconsin, 1935; M.S., 1942.
- GEORGE FORBES COUSINS, Lecturer in Physical Education for Men.
B.E., Western Illinois State Teachers College, 1943; M.S., 1947.

STAFF OF THE NORMAL COLLEGE, INDIANAPOLIS

- (MRS.) CLARA LEDIG HESTER, Director of the Normal College of the American Gymnastic Union of Indiana University, Assistant Professor of Physical Education, and Dean of Women.
B.P.E., Normal College of the American Gymnastic Union, 1930; M.S. in Ed., Indiana University, 1937; M.P.E. (Hon.), Normal College of the American Gymnastic Union, 1939; B.S., Indiana University, 1941.
- CARL BROSIUS SPUTH, JR., Part-time Lecturer in First Aid (second semester, 1949-50).
B.S., Indiana University, 1938; M.D., 1941.
- DAVID HADLEY, Part-time Lecturer in Anatomy (February 1 to May 31, 1950).
A.B., Earlham College, 1936; M.D., Indiana University, 1940.
- (MRS.) MARGARET LEMASTERS ZIPERMAN, Lecturer in English in the Division of Adult Education.
A.B., American University, 1937; A.M., Indiana University, 1939.
- EMIL RINSCH, Instructor in Education and Social Sciences, and Librarian.
A.B., Indiana University, 1923; A.M., 1927.
- FREDERICK OSCAR MARTIN, Instructor in Physical Education, and Dean of Men.
B.S., Butler University, 1942.

PAUL CHARLES CHAPPELLE, Instructor in Health, Physical Education, and Recreation.

B.S., Indiana University, 1947; M.S., 1948.

(Mrs.) CONSTANCE APOSTOL ZIMLICH, Part-time Instructor in Physical Education (October 1, 1949, to May 31, 1950).

B.S., Indiana University, 1934.

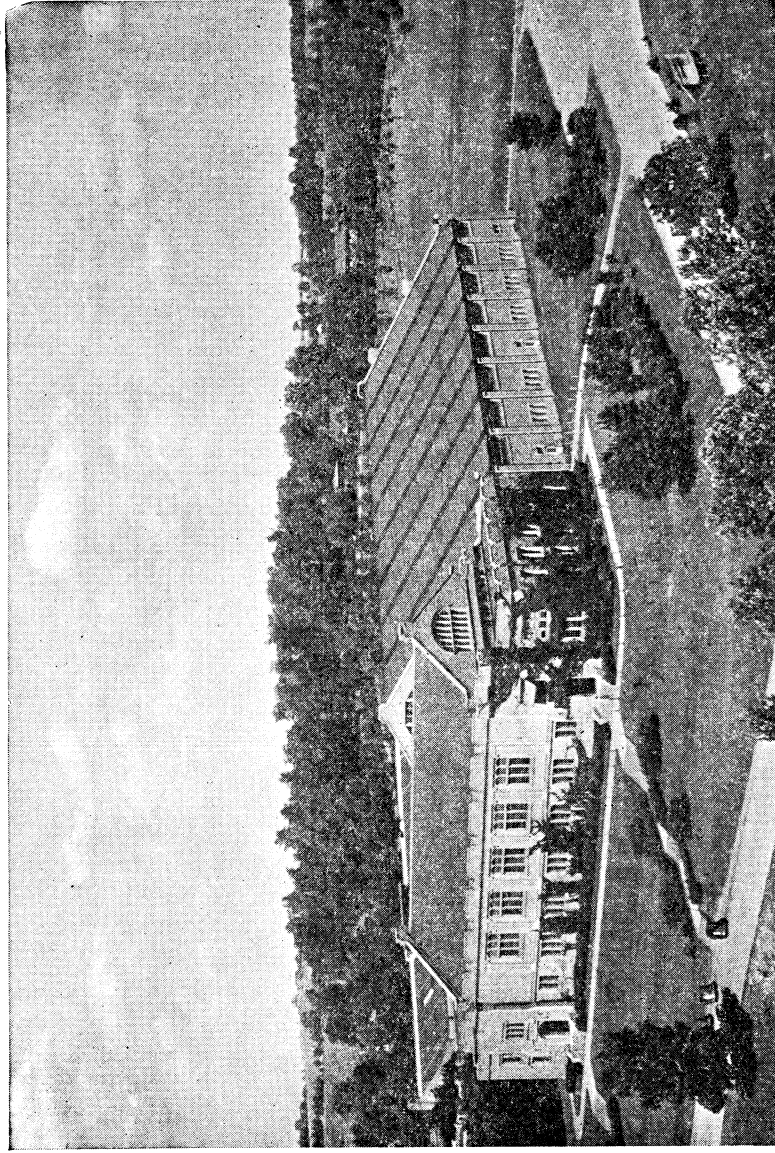
ROLAND BARNECLO RUST, JR., Laboratory Assistant in Anatomy (February 1 to May 31, 1950).

B.S., Indiana University, 1949.

ROSS MCINTOSH JEWELL, Teaching Fellow in English.

A.B., Wabash College, 1939; A.M., Indiana University, 1947.

HENRY STEICHMANN, Recorder, and Assistant to the Treasurer.



The Men's Gymnasium and Fieldhouse are the center of indoor activities; near-by are the Stadium and various playing fields.

General Statement

THE School of Health, Physical Education, and Recreation has the status of equality with other professional schools of the University, exercising full liberty in determining its courses of study and curricula which lead to undergraduate and graduate degrees.

Degrees Authorized. The Board of Trustees of Indiana University has conferred upon the Faculty of the School of Health, Physical Education, and Recreation the responsibility and authority to qualify students for the following degrees: (1) the Bachelor of Science for those successfully completing four-year curricula in one of four fields—Physical Education, Health and Safety, Recreation, Public Health.* (2) The Master of Science for those successfully completing the prescribed pattern of one year of graduate work in one of three fields—Physical Education, Health and Safety, Recreation. (3) Director for those successfully completing the prescribed pattern of two years of graduate work in one of three fields—Physical Education, Health and Safety, Recreation. (4) Doctor for those successfully completing the preliminary examination, the prescribed work of the major and two minors, an acceptable doctoral thesis, and the final examination (three or more years of graduate study) in one of three fields—Physical Education, Health and Safety, Recreation.

Functions. Among the major functions which the School is organized to perform are the following:

1. Providing service physical education courses, both required and elective, for undergraduate students of Indiana University.
2. Organizing and supervising intramural sports programs for students of the University.
3. Contributing to wholesome recreational opportunities of students and Faculty.
4. Preparing leaders, supervisors, and directors for recreational programs for state and municipal parks, community centers, summer camps, schools, and rural areas; also for service with private agencies such as industrial concerns, Y.M.C.A., Y.W.C.A., and settlement houses.
5. Training athletes and athletic coaches.†
6. Furnishing technical and professional instruction and training for teachers of safety education, health education, and physical education for schools, colleges, and Turner societies.
7. Cooperating with the Department of Public Health of the School of Medicine in training public health educators for public health work.

* Sponsored jointly with the Department of Public Health of the School of Medicine.

† The staff of the Department of Athletics belongs to the School of Health, Physical Education, and Recreation and the professional preparation of coaches is a function of the School, but the direct control of the intercollegiate athletic program is in the hands of the Indiana University Faculty Committee on Athletics as prescribed by Western (Big Nine) Conference regulations.

8. Preparing graduate students for promotional, supervisory, administrative, and instructional work in colleges, universities, state departments, schools, states, and communities in fields of health, safety, athletics, physical education, and recreation.
9. Training research workers in health, safety, athletics, physical education, public health, and recreation areas of investigation.
10. Carrying on research concerning the problems associated with the various phases of the program of the School.
11. Conducting such special activities as health workshops, recreation institutes, safety conferences, physical education demonstrations and seminars, and athletic coaching clinics.
12. Giving consultant services to workers in the various areas within the scope of the programs of the School conducting surveys. Furnishing information upon request.

Accreditation. The School of Health, Physical Education, and Recreation shares with other schools of the University the accreditation accorded Indiana University as a member of the North Central Association of Schools and Colleges. Indiana University is also a member of the Association of American Universities.

Graduates who complete teacher training curricula are eligible for certificates by the Indiana State Board of Education.

Placement. Through the cooperation of the Bureau of Teacher Recommendations of the School of Education, graduates of the School of Health, Physical Education, and Recreation are accorded free placement service.

The Bureau prepares the credentials of graduates and, with the cooperation of the Faculty of the School of Health, Physical Education, and Recreation, communicates with prospective employers. The Bureau charges no fees for its service, and alumni who are interested are urged to write for further information. All former students with one or more years of residence work with the University are eligible for the service.

Students already enrolled with the Bureau are urged to keep their credentials up to date.

Conferences. The School of Health, Physical Education, and Recreation staff sponsors institutes dealing with various phases of recreation and a School and Community Health Workshop. The School plans provide for conferences, workshops, short-course seminars, and coaching schools annually in its program.

ADMISSION OF UNDERGRADUATES

All students entering Indiana University directly from high school and all students transferring to Indiana University during their Freshman year enter the Junior Division.

Graduates of Indiana commissioned high schools will be admitted to the Junior Division on certification by their high school principal; those certified by their principal to be in the lower half of their graduating class must attend required guidance tests and conferences to be arranged with the Dean of the Junior Division before the opening

of the semester in which they begin attendance. Graduates of accredited high schools in other states are considered for admission if they rank high in their graduating class.

Transcripts of high school credits should be sent to the Admissions Director at least one month before the opening date of the session. Transcripts that have been submitted and evaluated will become the property of the University and will not be returned.

Students with credit for less than one year's work done in other colleges or universities may be admitted to the Junior Division. Students with credit for one or more years' work in other colleges or universities may be admitted to the School of Health, Physical Education, and Recreation if the requirements for admission are satisfactorily met. Students planning to transfer credit from other colleges or universities should file with the Admissions Director a transcript of high school credits, certified by the principal; a letter from the institution last attended indicating that the student is in good standing; and a transcript of credits and grades secured in all subjects taken at each college or university attended.

The School of Health, Physical Education, and Recreation will accept students from the Junior Division who have completed twenty-five semester hours of passing work. Those students who plan to enter the School of Health, Physical Education, and Recreation should, at the time they enter the Junior Division, consult with the officially designated Junior Division Faculty counselor from the School of Health, Physical Education, and Recreation as to the courses they should take during the Freshman year and have their choices of courses approved by such Faculty counselor.

Advanced credit toward the B.S. degree may be granted to students from approved institutions for courses taken therein, provided such courses have a status of college grade in such institutions and are equivalent to courses offered in Indiana University. In completing the work for the B.S. degree, such student must, under the guidance of the Dean of the School of Health, Physical Education, and Recreation, approximate the requirements for the degree, due consideration being given to his specific professional objective.

No credit will be allowed at Indiana University for work which has received a grade of D or lower at another institution. Students entering with advanced standing must complete fifteen hours of work with at least fifteen credit points in the first semester at Indiana University.

When a student applies for transfer from a university or college without standard accreditation, a tentative evaluation of credits available for transfer will be made and reported to the applicant. These credits, however, will not finally be accepted until he has demonstrated that he can do satisfactory work at Indiana University.

UNDERGRADUATE DEGREES

Students expecting to qualify for the Bachelor's degree are required to follow a pattern of work in harmony with their objectives. They should consult the Bulletin of the School of Health,

Physical Education, and Recreation for a detailed outline of the curriculum in which they are interested, or confer with an official adviser of the Dean's office.

A student is expected to carry from thirteen to sixteen hours of academic work a semester. Permission to carry fewer than thirteen hours of work may be obtained only in special cases and from the Dean of the School of Health, Physical Education, and Recreation. A student who has made an average of at least two credit points for each hour taken in the semester immediately preceding may receive permission from the Dean to carry more than sixteen hours. The maximum number of hours to be carried by a student is nineteen hours.

At least thirty-five hours of work offered for graduation must be in courses which are open only to students who have completed at least sixty hours of work entitling them to admission to the Junior class.

Students in residence and carrying regular work in the School of Health, Physical Education, and Recreation may enroll in correspondence work only in exceptional cases and with the permission of the Dean of the School of Health, Physical Education, and Recreation.

Work in absence for college credit may be done through the Division of Adult Education. If it is to be credited toward a degree, the entrance requirements of the School of Health, Physical Education, and Recreation must have been satisfied prior to enrollment. Not more than sixty hours earned in off-campus and correspondence courses may be credited toward the B.S. degree. A person who is employed full time may not take more than five hours of work each semester.

At least thirty semester hours out of the last sixty semester hours and two of the last four semesters of University work must be done in residence on the campus at Bloomington. The Dean of the School of Health, Physical Education, and Recreation must approve off-campus work before it is taken.

A candidate for graduation must file a formal application for the degree in the office of the School of Health, Physical Education, and Recreation at least two months before graduation. If a Senior fails to make this application, the School of Health, Physical Education, and Recreation will not be responsible for his graduation.

CURRICULA

OPTION IA

Four-year course leading to a Certificate in a Special Area and B.S. degree in Physical Education (for Women)

This certificate is good for teaching and supervising Physical and Health Education in any high school (Junior or Senior) and in any elementary school.

FRESHMAN YEAR

<i>First Semester</i>	Hours	<i>Second Semester</i>	Hours
Introductory Rhythmic Training	1	Modern Dance	1
. HPER W124 (144)		. . . . . HPER W103 (103M)	
Speedball and Volleyball	1	Social Dancing and Tennis	1
. HPER W107, W104 (107M, 101M)		. . . . . HPER W105, W113 (125M, 111M)	
Nature and Practice of Play	2	Basketball and Softball	1
. HPER R170 (108)		. . . . . HPER W115, W118 (115M, 118M)	
First Aid HPER H160 (190)	2	Camp Counselors' Training Course	2
History or Sociology (Choice)	3	. . . . . HPER R275 (145)	
Introduction to Teaching	2	Human Anatomy	5
. Ed. F100 (101)		. . . . . Anat. A210 (114)	
Introductory Psychology I	3	Freshman Literature I	3
. Psy. P101 (101a)		. . . . . Eng. L101 (102a)	
Elementary Composition I	2	Elementary Composition II	2
. Eng. W101 (101a)		. . . . . Eng. W102 (101b)	
	16		15

SOPHOMORE YEAR

Technique of Games for Elementary Schools	1	Folk Dancing and Golf	1
. HPER W225 (241)		. . . . . HPER W106, W114 (126M, 112M)	
Technique of Stunts, Tumbling, and Gymnastics	2	Swimming HPER W100 (110M)	1
. HPER W220 (140)		Technique of Rhythms for the Elementary School. HPER W223 (243)	1
Hockey HPER W100 (116)	1	Crafts and Design I	2
Archery and Folk Dancing	1	. . . . . F.A. S255 (162a)	
. HPER W119, W106 (119M, 126M)		Nutrition H.Econ. H206 (106)	2
Kinesiology HPER P397 (207)	3	General Physiology II	5
General Physiology I	5	. . . . . Physiol. P202 (103b)	
. Physiol. P201 (103a)		Introduction to Philosophy	3
Educational Psychology for Secondary Teachers	3	. . . . . Phil. P100 (100a)	
. Ed. P240 (211)		or Fine Arts	3
	16		15

JUNIOR YEAR

Theory of the Dance	2	History and Principles of Physical Education	3
. HPER W327 (226)		. . . . . HPER P195 (205)	
General and Individual Hygiene	3	Physical Examinations and Corrective Exercises	3
. Physiol.-Hyg. P304 (102)		. . . . . HPER P398 (229)	
Physiology of Exercise	3	Technique of Folk Dancing	1
. Physiol. P407 (207)		. . . . . HPER W224 (240)	
Test and Measurements in Physical Education	3	Technique of Modern Dancing	1
. HPER P493 (443)		. . . . . HPER W324 (242)	
Technique of Team Sports	2	Group and Intergroup Hygiene	3
. HPER W325 (235)		. . . . . Physiol.-Hyg. P306 (203)	
Technique of Assisting	1	Techniques of Individual Sports	1
. HPER W326 (236)		. . . . . HPER W323 (245)	
Modern Dance—Intermediate	1	Badminton and Tennis	1
. HPER W100 (103M-I)		. . . . . HPER W108, W113 (128, 111)	
	15	Electives	2
			15

SENIOR YEAR

Organization and Administration of Physical Education	2	Introduction to Community Recreation	2
. HPER W400 (222)		. . . . . HPER R274 (221)	
Methods of Teaching Physical Education for Women	5	Technique of Swimming	1
. Ed. M457 (Ed. 321, 322P.Ed.)		. . . . . HPER W320 (244)	
Secondary Education and Guidance	3	Organization of Health Education	2
. Ed. S485 (401)		. . . . . HPER H464 (441)	
Student Teaching of Physical Education in Elementary Schools	3	Content and Materials in Safety Education	2
. Ed. M438 (226P.Ed.)		. . . . . HPER S350 (450)	
Student Teaching in the High School	3	Technique of Assisting	1
. Ed. M480 (426P.Ed.)		. . . . . HPER W326 (236)	
Physical Education Activities	1	The Teaching of Health and Safety	2
		. . . . . Ed. M358 (322H.S.)	
	17	Physical Education Activities	1
		Electives	4
			15

OPTION IB

Four-year course leading to a Certificate in a Special Area and B.S. degree in Physical Education (for Men)

This certificate is good for teaching and supervising Physical and Health Education in any high school (Junior or Senior) and in any elementary school.

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	Hours		Hours
Football and Basketball	3	Baseball, Track and Field	3
.... HPER A183, A184 (230, 231)		.... HPER A185, A186 (232, 233)	
Natural Gymnastics and Apparatus		Natural Gymnastics and Apparatus	
Technique I .. HPER M131 (138a)	1	Technique II .. HPER M132 (138b)	1
History and Principles of Physical		Nature and Practice of Play	2
Education ... HPER P195 (205)	3	..... HPER R170 (108)	
Crafts and Design I	2	Freshman Major Activity Program	
..... F.A. S255 (162a)		..... HPER M142 (199b)	1
First Aid	2	Introduction to Teaching	2
.... HPER H160 (190)		..... Ed. F100 (101)	
Freshman Major Activity Program		Introduction to Educational Psychol-	
..... HPER M141 (199a)	1	ogy	3
Elementary Composition I	2	..... Ed. P100 (111a)	
..... Eng. W101 (101a)		or	
Military Training	1	Introductory Psychology I	3
	15	..... Psy. P101 (101a)	
		Elementary Composition II	2
		..... Eng. W102 (101b)	
		Military Training	1
			15

SOPHOMORE YEAR

Techniques of Minor Athletic Games	1	Techniques of Minor Athletic Games	1
..... HPER M231 (136a)		..... HPER M232 (136b)	
Recreational Crafts	2	Rhythmic Techniques	1
..... HPER R273 (117)		..... HPER M249 (139)	
Introduction to Community Recrea-		Human Anatomy . Anat. A210 (114)	5
tion	2	Freshman Literature I	3
.... HPER R274 (221)		..... Eng. L101 (103a)	
Educational Psychology for Secondary		Military Training	1
Teachers	3	Electives	5
.... Ed. P240 (211)			16
Social Science	3		
(Choice)			
Introduction to Philosophy	3		
..... Phil. P100 (100a)			
or Fine Arts	3		
Military Training	1		
	15		

JUNIOR YEAR

Technique of Swimming	1	Content and Materials in Safety Ed-	2
..... HPER A384 (134)		ucation	
General Physiology I	5	.... HPER S350 (450)	
..... Physiol. P201 (103a)		Physical Examinations and Corrective	
Kinesiology	3	Exercises HPER P398 (229)	3
.... HPER P397 (207)		Organization of Health Education ..	
General and Individual Hygiene	3	..... HPER H464 (441)	2
..... Physiol.-Hyg. P304 (102)		General Physiology II	5
Electives	4	..... Physiol. P202 (103b)	
	16	Group and Intergroup Hygiene	3
		..... Physiol.-Hyg. P306 (203)	
			15

SENIOR YEAR

Physical Activity Conduct Technique	1	Methods of Teaching Physical Educa-	5
..... HPER M440 (340)		tion for Men	
Physiology of Exercise	3	..... Ed. M456 (321, 322P.Ed.)	
..... Physiol. P407 (207)		Secondary Education and Guidance	
or		..... Ed. S485 (401)	3
Nutrition . H.Econ. H206 (106)	3 or 2	Student Teaching of Physical Educa-	
Administration, Organization and		tion in Elementary School	4
Supervision of Physical Educa-		..... Ed. M438 (226P.Ed.)	
tion	3	Student Teaching in the High School	
.... HPER M444 (444)		..... Ed. M480 (426P.Ed.)	4
Tests and Measurements in Physical			16
Education HPER P493 (443)	3		
The Teaching of Health and Safety			
..... Ed. M358 (322H.S.)	2		
Electives	4		

OPTION IIA

Four-year course leading to a Provisional Certificate in a Comprehensive Area
and B.S. degree in Physical Education (for Women)

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	Hours		Hours
Speedball and Volleyball		Crafts and Design I	
HPER W107, W104, (107M, 101M)	1	.....F.A. S255 (162a)	2
Introductory Rhythmic Training		Basketball and Softball	
..... HPER W124 (144)	1	HPER W115, W118 (115M, 118M)	1
or		Modern Dance ..HPER W103 (103M)	1
Technique of Rhythms for the Ele-		Camp Counselors' Training Course ..	
mentary School .HPER W223 (243)	1	..... HPER R275 (145)	2
First Aid .....HPER H160 (190)	2	Human Anatomy ..Anat. A210 (114)	5
Introduction to Teaching		Freshman Literature I	
..... Ed. F100 (101)	2	..... Eng. L101 (102a)	3
Introductory Psychology I		Elementary Composition II	
..... Psy. P101 (101a)	3	..... Eng. W102 (101b)	2
Introduction to Philosophy			<hr/>
..... Phil. P100 (100a)	3		16
Elementary Composition I			
..... Eng. W101 (101a)	2		
Electives	2		
	<hr/>		
	16		

SOPHOMORE YEAR

Archery and Folk Dancing		Technique of Rhythms for the Ele-	
.....HPER W119, W106 (119, 126)	1	mentary School (if HPER W124	
Techniques of Stunts, Tumbling, and		not taken first semester of Fresh-	
Gymnastics ....HPER W220 (140)	2	man year) HPER W223 (243)	1
Elementary Physiology		Technique of Folk Dancing	
..... Physiol. P104 (101)	5	..... HPER W224 (240)	1
Educational Psychology for Secondary		Nutrition .....H.Econ. H206 (106)	2
Teachers Ed. P240 (211)	3	History or Sociology Choice	3
Electives	4	Electives	8
	<hr/>		<hr/>
	15		15

JUNIOR YEAR

Technique of Team Sports		Physical Examinations and Corrective	
..... HPER W325 (235)	2	Exercises HPER P398 (229)	3
Introduction to Community Recrea-		History and Principles of Physical	
tion .....HPER R274 (221)	2	Education HPER P195 (205)	3
The Teaching of Health and Safety		Electives	9
.....Ed. M358 (322H.S.)	2		<hr/>
General and Individual Hygiene			15
..... Physiol.-Hyg. P304 (102)	3		
Technique of Assisting			
..... HPER W326 (236)	1		
Test and Measurements in Physical			
Education .....HPER P493 (443)	3		
Electives	2		
	<hr/>		
	15		

SENIOR YEAR

Organization and Administration of		Contents and Materials in Safety Ed-	
Physical Education		ucation HPER S350 (450)	2
..... HPER W400 (222)	2	Organization of Health Education ..	
Methods of Teaching Physical Edu-		..... HPER H464 (441)	2
cation for Women		Electives	11
..... Ed. M457 (321, 322P.Ed.)	5		<hr/>
Student Teaching in the High School			15
..... Ed. M480 (426P.Ed.)	6		
Secondary Education and Guidance ..			
..... Ed. S485 (401)	3		
	<hr/>		
	16		

OPTION IIB

Four-year course leading to a Provisional Certificate in a Comprehensive Area and B.S. degree in Physical Education (for Men)

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	Hours		Hours
Techniques of Minor Athletic Games I	HPER M231 (136a) 1	Natural Gymnastics and Apparatus Technique II	HPER M132 (138b) 1
History and Principles of Physical Education	HPER P195 (205) 3	Crafts and Design I	F.A. S255 (162a) 2
*Football and Basketball	HPER A183, A184 (230, 231) 3	*Baseball, Track and Field	HPER A185, A186 (232,233) 3
Natural Gymnastics and Apparatus Technique	HPER M131 (138a) 1	First Aid	HPER H160 (190) 2
Nature and Practice of Play	HPER R170 (108) 2	Freshman Major Activity Program II	HPER M142 (199b) 1
Freshman Major Activity Program I	HPER M141 (199a) 1	Introduction to Educational Psychology	Ed. P100 (111a) 3
Introduction to Teaching	Ed. F100 (101) 2	or	Psy. P101 (101a) 3
Elementary Composition I	Eng. W101 (101a) 2	Elementary Composition II	Eng. W102 (101b) 2
Military Training	1	Military Training	1
	<u>16</u>		<u>15</u>

SOPHOMORE YEAR

Introduction to Community Recreation	HPER R274 (221) 2	Recreational Crafts	HPER R273 (117) 2
Social Science	(Choice) 3	Rhythmic Techniques	HPER M249 (139) 1
Educational Psychology for Secondary Teachers	Ed. P240 (211) 3	Human Anatomy	Anat. A210 (114) 5
Introduction to Philosophy	Phil. P100 (100a) 3	Freshman Literature I	Eng. L101 (103a) 3
	or Fine Arts	Military Training	1
Military Training	1	Electives	3
Electives	4		<u>15</u>
	<u>16</u>		

JUNIOR YEAR

Physical Examinations and Corrective Exercises	HPER P398 (229) 3	Kinesiology	HPER P397 (207) 3
Content and Materials in Safety Education	HPER S350 (450) 2	Elementary Physiology	Physiol. P104 (101) 5
Organization of Health Education	HPER H464 (441) 2	Electives	7
General and Individual Hygiene	Physiol.-Hyg. P304 (102) 3		<u>15</u>
Electives	5		
	<u>15</u>		

SENIOR YEAR

Methods of Teaching Physical Education for Men	Ed. M456 (321, 322P.Ed.) 5	Administration, Organization, and Supervision of Physical Education	HPER M444 (444) 3
Secondary Education and Guidance	Ed. S485 (401) 3	Tests and Measurements in Physical Education	HPER P493 (443) 3
Student Teaching in the High School	Ed. M480 (426P.Ed.) 8	The Teaching of Health and Safety	Ed. M358 (322H.S.) 2
	<u>16</u>	Physical Activity Conduct Technique	HPER M440 (340) 1
		Electives	7
			<u>16</u>

*The student must earn credit in a minimum of two of four major sport technique courses.

OPTION IIIA

Four-year course leading to a Certificate in a Special Area and B.S. degree in Health Education (for Women)

This certificate is good for teaching and supervising Health and Physical Education in any high school (Junior or Senior) and in any elementary school.

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	Hours		Hours
First Aid	HPER H160 (190) 2	Human Anatomy	Anat. A210 (114) 5
Introductory Psychology I	Psych. P101 (101a) 3	Camp Counselors' Training Course	HPER R275 (145) 2
History or Sociology (Choice)	3	Crafts and Design I	F.A. S255 (162a) 2
Nature and Practice of Play	HPER R170 (108) 2	Basketball and Softball	HPER W115, W118 (115M, 118M) 1
Introductory Rhythmic Training	HPER W124 (144) 1	Social Dancing and Tennis	HPER W105, W113 (125M, 111M) 1
Speedball and Volleyball	HPER W107, W104 (107M, 101M) 1	Freshman Literature I	Eng. L101 (102a) 3
Introduction to Teaching	Ed. F100 (101) 2	Elementary Composition II	Eng. W102 (101b) 2
Elementary Composition I	Eng. W101 (101a) 2		
	<hr/>		<hr/>
	16		16

SOPHOMORE YEAR

General Physiology I	Physiol. P201 (103a) 5	General Physiology II	Physiol. P202 (103b) 5
Kinesiology	HPER P397 (207) 3	Physical Examinations and Corrective Exercises	HPER P398 (229) 3
Educational Psychology for Secondary Teachers	Ed. P240 (211) 3	Nutrition	H.Econ. H206 (106) 2
Techniques of Stunts, Tumbling, and Gymnastics	HPER W220 (140) 2	Introduction to Community Recreation	HPER R274 (221) 2
Archery and Folk Dancing	HPER W119, W106 (119, 126M) 1	Technique of Rhythms for the Elementary School	HPER W223 (243) 1
Hockey	HPER W100 (116) 1	Technique of Folk Dancing	HPER W224 (240) 1
	<hr/>	Swimming	HPER W100 (110M) 1
	15		<hr/>
			15

JUNIOR YEAR

General and Individual Hygiene	Physiol.-Hyg. P304 (102) 3	Group and Intergroup Hygiene	Physiol. P306 (203) 3
Physiology of Exercise	Physiol. P407 (207) 3	History and Principles of Physical Education	HPER P195 (205) 3
Theory of the Dance	HPER W327 (226) 2	Child Care and Development	H.Econ. H318 (218) 3
Introduction to Philosophy	Phil. P100 (100a) 3	Techniques of Individual Sports	HPER W323 (245) 1
Technique of Team Sports	HPER W325 (235) 2	Technique of Swimming	HPER W320 (244) 1
Tests and Measurements in Physical Education	HPER P493 (443) 3	Electives	<hr/>
Technique of Assisting	HPER W326 (236) 1		15
	<hr/>		
	17		

SENIOR YEAR

Organization and Administration of Physical Education	HPER W400 (222) 2	Mental Hygiene	Psy. P234 (234) 3
Methods of Teaching Health and Safety	Ed. M458 5	Organization of Health Education	HPER H464 (441) 2
Secondary Education and Guidance	Ed. S485 (401) 3	Content and Materials in Safety Education	HPER S350 (450) 2
Student Teaching of Health and Safety in the Elementary Schools	Ed. M437 3	Technique of Assisting	HPER W326 (236) 1
Student Teaching in the High School	Ed. M480 (426) 3	Physical Education Activities	1
	<hr/>	Electives	<hr/>
	16		6
			<hr/>
			16

The School of Health, Physical Education, and Recreation offers a Special Area in Health Education for Men and Comprehensive Areas in Health Education for Men and Women.

OPTION VA

Four-year course leading to the B.S. degree in Recreation (for Women)

FRESHMAN YEAR

<i>First Semester</i>	Hours	<i>Second Semester</i>	Hours
Nature and Practice of Play	2	Ornithology .....Zool. Z104 (104)	2
..... HPER R170 (108)		Art Appreciation ..F.A. H100 (100)	2
Principles of Sociology	3	Public Speaking I Spch. S121 (102a)	2
..... Soc. S161 (102a)		American Government: State and	
Introduction to Educational Psychol-		Local .....Gov. G104 (101b)	3
ogy Ed. P100 (111a)		Elementary Composition II	
or Psy. P101 (101a)	3	..... Eng. W102 (101b)	2
American Government: Federal ...		Basketball and Softball .....HPER	
..... Gov. G103 (101a)	3	W115 and W118 (115M, 118M)	1
Elementary Composition I		Social Dancing and Tennis ..HPER	
..... Eng. W101 (101a)	2	W105 and W113 (125, 111M)	1
Speedball and Volleyball .....HPER		Electives	2
W107 and W104 (107M, 101M)	1		
Introductory Rhythmic Training ...			15
..... HPER W124 (144)	1		
	15		

SOPHOMORE YEAR

Introduction to Community Recrea-	2	Camp Counselors' Training Course ..	2
tion HPER R274 (221)		..... HPER R275 (145)	3
Crafts and Design I	2	Child Development ..Ed. P200 (111b)	2
..... F.A. S255 (162a)		First Aid HPER H160 (190)	2
Freshman Literature I		Folk Dancing	
..... Eng. L101 (103a)	3	..... HPER W100 (126M)	1
Introduction to Teaching		Swimming HPER W100 (110M)	
..... Ed. F100 (101)	2	or HPER W320 (244)	1
Nature Study		Camp Crafts HPER R276	2
..... Bot. B214 (117c)	3	Electives	4
Archery and Folk Dancing ... HPER			15
W119 and W106 (119M, 126)	1		
Techniques of Stunts, Tumbling, and			
Gymnastics .....HPER W220 (140)	2		
Electives	1		
	16		

JUNIOR YEAR

Office Management I	2	Horticulture .....Bot. B213 (120)	3
..... Bus. C300 (291)		Content Material in Safety Educa-	
Recreational Crafts HPER R273 (117)	2	tion HPER S350 (450)	2
Appreciation of Music		Youth Service Organization	
..... Mus M174 (17a)	2	..... HPER R374 (114)	2
Educational Psychology for Secondary		American Folklore	
Teachers Ed. P240 (211)	3	..... Eng. L384 (295)	2
Introduction to Group Work		Technique of Folk Dancing	
..... S.S. S410 (210)	2	..... HPER W224 (240)	1
Acting I Spch. S141 (122a)	3	Golf HPER W114 (112M)	1
Electives	2	Stage Lighting and Make-up	
		..... Spch. S243 (124)	3
	16	Electives	1
			15

SENIOR YEAR

Audio-Visual Education	2	Student Teaching in the High School	
..... Ed. R405 (323)		..... Ed. M480 (426)	3
Techniques of Social Recreation		Business and Professional Speaking..	
..... HPER R469	2	..... Spch. S223 (204)	2
Writing for Publication		Recreation Music ...Mus. U353 (353)	2
..... Jour. J327 (227)	3	Secondary Education and Guidance ..	
Student Teaching in the High School		..... Ed. S485 (401)	3
..... Ed. M480 (426)	3	Electives	5
Technique of Team Sports			15
..... HPER W325 (235)	2		
Electives	3		
	15		

OPTION VB

Four-year course leading to the B.S. degree in Recreation (for Men)

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	Hours		Hours
Nature and Practice of Play	2	Ornithology	2
..... HPER R170 (108)		Art Appreciation .. F.A. H100 (100)	2
Principles of Sociology	3	Public Speaking I .. Spch. S121 (102a)	2
..... Soc. S161 (102a)		American Government: State and	
Introduction to Educational Psycholo-		Local	3
gy	3	Gov. G104 (101b)	
Ed. P100 (111a)		Elementary Composition II	2
or Psy. P101 (101a)		..... Eng. W102 (101b)	
American Government: Federal	3	Freshman Major Activity Program II	
..... Gov. G103 (101a)		..... HPER M142 (199b)	1
Elementary Composition I	2	Electives	3
..... Eng. W101 (101a)			15
Freshman Major Activity Program I			
..... HPER M141 (199a)	1		
Military Training	1		
	15		

SOPHOMORE YEAR

Organization of Community Recrea-	2	Camp Counselors' Training Course ..	2
tion .....		..... HPER R275 (145)	
..... HPER R274 (221)		Child Development .. Ed. P200 (111b)	3
Crafts and Design I	2	First Aid	3
..... F.A. S255 (162a)		..... HPER H160 (190)	
Freshman Literature I	3	Camp Crafts	2
..... Eng. L101 (103a)		..... HPER R276	
Introduction to Teaching	2	Techniques of Minor Athletic Games	
..... Ed. F100 (101)		II	1
Nature Study	3	..... HPER M231 (136b)	
..... Bot. B214 (117t)		Appreciation of Music	2
Technique of Swimming	1	..... Mus. M174 (17a)	
..... HPER A384 (134)		Military Training	1
Techniques of Minor Athletic Games I		..... HPER M231 (136a)	3
..... HPER M231 (136a)	1	Electives	16
Military Training	1		
	15		

JUNIOR YEAR

Recreational Crafts	2	Horticulture	3
..... HPER R273 (117)		Youth Service Organization	2
Office Management I	2	..... HPER R374 (114)	
..... Bus. C300 (291)		Content and Materials in Safety Edu-	
Introduction to Group Work	2	cation	2
..... S.S. S410 (210)		..... HPER S350 (450)	
Football and Basketball	3	American Folklore .. Eng. L384 (295)	2
..... HPER A183 and A184 (230, 231)		Baseball, Track and Field	3
Educational Psychology for Secondary		..... HPER A185 and A186 (232, 233)	
Teachers	3	Stage Lighting and Make-up	3
..... Ed. P240 (211)		..... Spch. S243 (124)	
Acting I	3		15
..... Spch. S141 (122a)			
Electives	1		
	16		

SENIOR YEAR

Techniques of Social Recreation	2	Student Teaching in the High School	3
..... HPER R469		..... Ed. M480 (426)	
Audio-Visual Education	2	Business and Professional Speaking..	2
..... Ed. R405 (323)		..... Spch. S223 (204)	
Writing for Publication	3	Recreation Music .. Mus. U353 (353)	2
..... Jour. J327 (227)		Secondary Education and Guidance..	3
Student Teaching in the High School		..... Ed. S485 (401)	
..... Ed. M480 (426)	3	Electives	5
Electives	5		15
	15		

OPTION VIA

Four-year course leading to a Provisional Certificate in a Comprehensive Area in Dance (for Women) with a Conditional Area in Physical Education

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	Hours		Hours
Introductory Rhythmic Training	1	Modern Dance . . . HPER W103 (103M)	1
Speedball and Volleyball	1	Social Dancing and Tennis	1
. HPER W124 (144)		. . . . . HPER W105, W113 (125M, 111M)	
HPER W107, W104 (107M, 101M)	1	Basketball and Softball	1
First Aid HPER H160 (190)	2	. . . . . HPER W115, W118 (115M, 118M)	1
History or Sociology	3	Human Anatomy . . . Anat. A210 (114)	5
Elementary Composition I	2	Elementary Composition II	2
. Eng. W101 (101a)		. . . . . Eng. W102 (101b)	
Introductory Psychology I	3	Freshman Literature I	3
. Psy. P101 (101a)		. . . . . Eng. L101 (102a)	2
Introduction to Teaching	2	Art Appreciation . . . F.A. H100 (100)	2
. Ed. F100 (101)			
Folk Dancing . . . HPER W100 (126)	1		
	15		15

SOPHOMORE YEAR

Techniques of Stunts, Tumbling, and Gymnastics . . . HPER W220 (140)	2	English Composition III	2
Elementary Physiology	5	. . . . . Eng. W103 (101c)	
. Physiol. P104 (101)		Technique of Folk Dancing	1
Kinesiology HPER P397 (207)	3	. . . . . HPER W224 (240)	
Educational Psychology for Secondary Teachers Ed. P240 (211)	3	Technique of Games and Rhythms for Elementary School	1
Modern Dance . . . HPER W203 (103M)	1	. . . . . HPER W225, W223 (241, 243)	1
Electives	2	Stage Lighting and Make-up	3
	16	. . . . . Spch. S243 (124)	
		Modern Dance Composition I	1
		. . . . . HPER W211 (203M)	
		Rhythmic Form and Analysis	2
		. . . . . HPER W213 (295)	
		Introduction to Philosophy	3
		. . . . . Phil. P100 (100a)	3
		Electives	3
			16

JUNIOR YEAR

Theory of the Dance	2	History and Principles of Physical Education HPER P195 (205)	3
. HPER W327 (226)		Physical Examinations and Corrective Exercises HPER P398 (229)	3
Technique of Team Sports	2	Technique of Modern Dancing	1
. HPER W325 (235)		. . . . . HPER W324 (242)	
General and Individual Hygiene	3	Technique of Assisting	1
. Physiol. P304 (102)		. . . . . HPER W326 (236)	1
Philosophy of Art Phil. P346 (238)	3	Dance Production I HPER W411	3
Modern Dance Accompaniment	2	Folk Dancing HPER W100 (126)	1
. HPER W328 (393)		Electives	3
Modern Dance Composition II	1		
. HPER W212 (203M)			
Electives	2		
	15		15

SENIOR YEAR

Organization and Administration of Physical Education	2	Dance Production II HPER W412	3
. HPER W400 (222)		Introduction to Community Recrea- tion HPER R274 (221)	2
Methods of Teaching Physical Edu- cation for Women	5	Dance Costuming HPER W329 (395)	2
. Ed. M457 (321, 322P, Ed.)		Technique of Swimming or Techniques of Individual Sports HPER	1
Student Teaching in High School or Elementary School Physical Edu- cation Ed.	5	W320 or W323 (244 or 245)	7
M480 or M438 (426 or 226P, Ed.)		Electives	15
Secondary Education and Guidance Ed. S485 (401)	3		
Modern Dance Workshop	1		
. HPER W100 (103WS)			
	14		

OPTION VIII

Four-year course leading to a B.S. degree in Health and Safety with a major in Athletic Training (for Men)

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	Hours		Hours
Techniques of Minor Athletic Games I	HPER M231 (136a) 1	Introductory Psychology I	Psy. P101 (101a) 3
History and Principles of Physical Education ...	HPER P195 (205) 3	First Aid	HPER H160 (190) 2
Orientation in Athletic Training I ..	HPER A181 (292a) 3	Natural Gymnastics and Apparatus Technique II ..	HPER M132 (138b) 1
Natural Gymnastics and Apparatus Technique I ..	HPER M131 (138a) 1	Crafts and Design I	F.A. S255 (162a) 2
Nature and Practice of Play	HPER R170 (108) 2	Orientation in Athletic Training II	HPER A182 (292b) 3
Freshman Major Activity Program I ..	HPER M141 (199a) 1	Freshman Major Activity Program II	HPER M142 (199b) 1
Introduction to Teaching	Ed. F100 (101) 2	Elementary Composition II	Eng. W102 (101b) 2
Elementary Composition I	Eng. W101 (101a) 2	Military Training	1
Military Training	1		15
	16		

SOPHOMORE YEAR

Educational Psychology for Secondary Teachers	Ed. P240 (211) 3	Human Anatomy ..	Anat. A210 (114) 5
Football and Basketball	HPER A183, A184 (230, 231) 3	Techniques of Conditioning and Bandaging for the Athletic Trainer II	HPER A282 (390b) 2
Techniques of Conditioning and Bandaging for the Athletic Trainer I ..	HPER A281 (390a) 2	Baseball and Track and Field	HPER A185, A186 (232, 233) 3
Introduction to Community Recreation	HPER R274 (221) 2	Recreational Crafts	HPER R273 (117) 2
Social Science	(Choice) 3	Rhythmic Techniques	HPER M249 (139) 1
Military Training	1	Military Training	1
Electives	1	Electives	1
	15		15

JUNIOR YEAR

Kinesiology	HPER P397 (207) 3	Physical Examinations and Corrective Exercises ..	HPER P398 (229) 3
Instruction in Athletic Training Problems	HPER A383 (391) 2	Elementary Physiology	Physiol. P104 or P201 (101 or 103a) 5
Laboratory Practice in Athletic Training I ..	HPER A381 (392a) 3	Laboratory Practice in Athletic Training II ...	HPER A382 (392b) 3
Nutrition	H.Econ. H206 (106) 2	Electives	5
Content and Materials in Safety Education	HPER S350 (450) 2		16
Organization of Health Education ..	HPER H464 (441) 2		
Electives	1		
	15		

SENIOR YEAR

General and Individual Hygiene	Physiol.-Hyg. P304 (102) 3	Advanced Techniques in Athletic Training II ...	HPER A482 (492b) 3
Advanced Techniques in Athletic Training I ...	HPER A481 (492a) 3	Administration, Organization, and Supervision of Physical Education	HPER M444 (444) 3
Tests and Measurements in Physical Education	HPER P493 (443) 3	Secondary Education and Guidance ..	Ed. S485 (401) 3
The Teaching of Health and Safety ..	Ed. M358 (322H.S.) 2	Public Speaking I ..	Spch. S111 (102a) 2
Electives	4	Physical Activity Conduct Technique	HPER M440 (340) 1
	15	Electives	3
			15

OPTION B. PUBLIC HEALTH

Four-year course leading to the B.S. degree in Public Health*

FRESHMAN YEAR

<i>First Semester</i>	Hours	<i>Second Semester</i>	Hours
History and Principles of Physical Education . . . HPER P195 (205)	3	First Aid HPER H160 (190)	2
Nature and Practice of Play HPER R170 (108)	2	Animal Biology Zool. Z103 (103)	5
Elementary Composition I Eng. W101 (101a)	2	Elementary Composition II Eng. W102 (101b)	2
Natural Gymnastics and Apparatus Technique I . . HPER M131 (138a)	1	Society and the Individual Soc. S162 (102b)	3
Principles of Sociology Soc. S161 (102a)	3	Introduction to Teaching Ed. F100 (101)	2
Football and Basketball HPER A183, A184 (230, 231)	3	Physical Education	1
Physical Education	1	Military Training	1
Military Training	1		16
	16		

SOPHOMORE YEAR

Introduction to Community Recreation HPER R274 (221)	2	Recreational Crafts HPER R273 (117)	2
Introduction to Educational Psychology Ed. P100 (111a)	3	Educational Psychology for Secondary Teachers Ed. P240 (211)	3
Freshman Literature I Eng. L101 (103a)	3	Introduction to Philosophy Phil. P100 (100a)	3
Public Speaking I Spch. S121 (102a)	2	Human Anatomy Anat. A210 (114)	5
Sociology (The Community) Soc. S309 (227)	3	Rhythmic Techniques HPER M249 (139)	1
Techniques of Minor Athletic Games I HPER M231 (136a)	1	Military Training	1
Military Training	1		15
	15		

JUNIOR YEAR

Physical Examinations and Corrective Exercises HPER P398 (229)	3	Tests and Measurements in Physical Education HPER P493 (443)	3
General Physiology I Physiol. P201 (103a)	5	Content Materials in Safety Education HPER S350 (450)	2
General and Individual Hygiene Physiol.-Hyg. P304 (102)	3	General Physiology II Physiol. P202 (103b)	5
Secondary Education and Guidance Ed. S485 (401)	3	Introductory Bacteriology Bact. B310 (252)	5
Nutrition H.Econ. H206 (106)	2		15
	16		

SENIOR YEAR

(Work taken at Medical Center, Indianapolis)

Public Health Administration and Law P.H. H400 (204)	2	Organization of Health Education HPER H464 (441)	2
General Sanitation P.H. H424	2	Parasitology and Entomology P.H. H423 (220)	3
Community Health Education P.H. H440	3	Public Health Field Practice P.H. H463	6
Statistics P.H. H406 (200)	3	Student Teaching in the High School Ed. M480 (426H.S.)	5
Methods of Teaching Health and Safety Ed. M458	5		16
	15		

* Offered by the School of Health, Physical Education, and Recreation, with the Department of Public Health, School of Medicine.

CERTIFICATE OF SUPERVISION

As a special recognition for graduate students who complete an appropriate pattern of graduate courses for an advanced degree in any of the three areas served by the school, a certificate indicating qualifications for supervision is granted by authority of the Board of Trustees of Indiana University.

Tentative Patterns for Certificates of Supervision in Advanced Areas

<i>Physical Education</i>		<i>Health</i>		<i>Recreation</i>	
HPER T590 (540)	3 cr.	HPER T590 (540)	3 cr.	HPER T590 (540)	3 cr.
HPER P544 (544)	3 cr.	HPER H510 (541)	3 cr.	HPER R575 (545)	3 cr.
HPER P545 (542)	3 cr.	HPER S550 (550)	2 cr.	HPER R675 (645)	2 cr.
HPER P543 (543)	2 cr.	HPER H515 (561)	2 cr.	HPER P540 (648)	2 cr.
HPER P547 (577)	3 cr.	HPER H618 (571)	3 cr.	HPER R570	2 cr.
HPER P546 (546)	3 cr.	HPER H517 (591)	2½ cr.	HPER R573 (551)	2 cr.
HPER A583 (538)	2 cr.	HPER P546 (546)	3 cr.	HPER R574 (552)	2 cr.
(Seminar or research) or		HPER H720 (745)	} 2½ cr.	HPER A583 (538)	} 2 cr.
HPER P740 (746)	or	HPER H617 (715)		HPER R770 (747)	
P467 (716) for women		HPER T591 (587)	3 cr.	HPER R667 (717)	} 3 cr.
HPER P540 (648)	2 cr.			HPER T690 (690)	
HPER T591 (587)	3 cr.			HPER T591 (587)	3 cr.

For any one of these areas, 6 additional hours in the School of Health, Physical Education, and Recreation are required, and 7½ may be in the School or in an outside minor such as General Education.

DIRECTOR'S PATTERNS

To meet the required thirty semester hours of graduate work (of the total of sixty hours of graduate credit) for the degree, Director of Health and Safety, Physical Education, or Recreation, the following courses are prescribed.

<i>Physical Education</i>		<i>Health and Safety</i>		<i>Recreation</i>	
HPER A583 (538)	2 cr.	HPER H510 (541)	3 cr.	HPER R570	2 cr.
or		HPER H513 (522)	2 cr.	HPER R573 (551)	2 cr.
HPER A584 (548)	2 cr.	HPER H516 (581)	3 cr.	HPER R574 (552)	2 cr.
or		HPER H618 (517)	3 cr.	HPER R575 (545)	3 cr.
HPER P540 (648)	2 cr.	HPER P546 (546)	3 cr.	HPER R675 (645)	2 cr.
HPER P546 (546)	3 cr.	or		HPER T590 (540)	3 cr.
or		HPER P539 (555)	3 cr.	HPER T593 (553)	2 cr.
HPER P530 (547)	3 cr.	HPER S550 (550)	2 cr.	HPER T690 (690)	2 cr.
or		HPER S555 (560)	2 cr.	At least twelve additional	
HPER P548 (554)	3 cr.	HPER T590 (540)	3 cr.	hours selected from the	
HPER P539 (555)	3 cr.	HPER T591 (587)	3 cr.	following	
HPER P543 (543)	2 cr.	The remaining six semester		HPER H517 (591)	3 cr.
HPER P544 (544)	3 cr.	hours may be selected		HPER P539 (555)	3 cr.
HPER P545 (542)	3 cr.	from among the following		HPER P540 (648)	2 cr.
HPER P547 (577)	3 cr.	courses		HPER R576	2 cr.
or		HPER H515 (561)	2 cr.	HPER R667 (717)	2 cr.
HPER T591 (587)	3 cr.	HPER H517 (591)	3 cr.	HPER R676	2 cr.
HPER P647 (716)	3 cr.	HPER H617 (715)	Ar.	HPER T591 (587)	3 cr.
HPER T590 (540)	3 cr.	HPER H720 (745)	Ar.	HPER T690 (690)	2 cr.
HPER T593 (553)	2 cr.	HPER P539 (555)	3 cr.	Mus. U353 (353)	2 cr.
Other courses in Physical		HPER P546 (546)	3 cr.	Ed. M533 (522A.E.)	2 cr.
Education to total thirty		HPER P549 (549)	2 cr.	Ed. R523 (523)	3 cr.
hours				Ed. S506 (555)	2 cr.
				Ed. R644 (623)	3 cr.
				Gov. G205 (205)	2 cr.
				Gov. G507 (380a)	3 cr.
				Spch. S347 (222)	3 cr.
				Spch. S245 (228a)	3 cr.

GRADUATE DEGREES

Graduate work in the School of Health, Physical Education, and Recreation is offered in the following fields: Physical Education, Health and Safety, and Recreation. It is possible for approved candidates to qualify for the doctorate, the directorate, or the Master of Science degree with a major in any one of the aforesaid fields.

A new student wishing to work toward one of these degrees should send his credentials to the Dean of the School at least one month before the opening date of the session. Transcripts that have been submitted and evaluated will become the property of the University and will not be returned.

A candidate for a graduate degree must file a formal application for his degree in the office of the Dean of the School of Health, Physical Education, and Recreation at least two months before graduation. If a student fails to make this application, the School of Health, Physical Education, and Recreation cannot be responsible for his graduation.

Prerequisites. 1. A candidate for all graduate degrees must have met the general requirements for admission to graduate standing in the School of Health, Physical Education, and Recreation of Indiana University.

2. Before beginning, or during the time when the candidate is completing graduate courses, he should have completed successfully undergraduate courses as follows:

(a) For the advanced degrees with a major in physical education—twenty-four semester hours in undergraduate courses required by Indiana University (or their equivalent) for a teaching subject in physical education.

(b) For the advanced degrees with a major in health and safety—twenty-four semester hours in such undergraduate courses as Anatomy, Physiology, Hygiene, Nutrition, Biology, Health and Safety.

(c) For the advanced degrees with a major in recreation—twenty-four semester hours in such undergraduate courses as Sociology, Music, Fine Arts, Dramatics, Physical Education, Natural Sciences, Games, and Recreational Theory.

MASTER OF SCIENCE DEGREE

1. It is recommended that the usual Master's degree candidate plan to take all of his course work in the School of Health, Physical Education, and Recreation and follow a pattern of courses that will qualify him for a supervisor's certificate in the field of his special interest. This certificate may be earned while qualifying for the Master of Science degree.

2. The candidate may, if he so desires, be permitted to present work in an approved minor field of graduate study in partial fulfillment of requirements for the degree. A minor may be in graduate courses in the School of Education, or any other field of learning if

approved by the Dean of the School. A minor may be any amount of graduate course credit in an approved field of study not to exceed ten semester hours. It should be clearly understood that a candidate is not required to have a minor.

3. All graduate students are required to complete the course HPER T590, Introduction to Research in Health, Physical Education, and Recreation, as part of their graduate study. It is recommended that the student take HPER T590 during his first semester in school when it is feasible to do so.

4. A candidate for the M.S. degree with a major in health and safety, physical education, or recreation must complete successfully ten or more semester hours of graduate course work in the field in which he is taking a major. The remainder of his credits may be in other fields of the School of Health, Physical Education, and Recreation, and in an approved minor field of study (if an outside minor is desired).

5. **Qualifying by Including a Thesis.** Following are the general requirements for the M.S. degree in any department of the School of Health, Physical Education, and Recreation for those who complete a satisfactory project in research and thesis writing:

(a) Two semesters of residence, or the equivalent in summer sessions or in off-campus centers, are required.

(b) The successful completion of thirty semester hours of approved graduate work, of which a satisfactory thesis confers three hours of credit, is required.

(c) An average scholarship of "B" or higher must be maintained.

(d) Qualification for the degree should be completed within five calendar years after enrollment in graduate work.

(e) A minimum of one regular summer session or equivalent of residence on the campus is required.

Registration on the Bloomington campus of Indiana University is required for work done in connection with the thesis. Three copies of this thesis, when approved by the director, must be typewritten and bound. These must be filed with the Dean of the School of Health, Physical Education, and Recreation not later than the first of the month in which the candidate expects to complete the work for the degree.

6. **Qualifying Without a Thesis.** Many candidates prefer to take additional course work and to spend additional time in residence rather than to undertake a thesis project. For such graduate students the following regulations have been established:

(a) Two and one-half semesters of residence, or the equivalent in summer sessions and in off-campus centers, are required.

(b) The successful completion of thirty-seven and one-half semester hours of approved graduate work is required. The seven and one-half hours of graduate work in lieu of a thesis may be in graduate courses in the School of Education or in the School of Health, Physical Education, and Recreation.

(c) An average scholarship of "B" or higher must be maintained.

(d) Qualification for the degree should be completed within six calendar years after enrollment in graduate work.

(e) A minimum of two regular summer sessions or one semester of residence on the campus of Indiana University is required.

7. No language requirement is made for this degree, but candidates are urged to cultivate effective use of the English language.

A new degree to give recognition to those successfully completing two years of graduate study has been authorized by the Board of Trustees of Indiana University. It is felt that this new degree, which is intermediate between the Master's degree and the doctorate, will meet an important need in the field of graduate study. It should provide superior professional preparation for those in supervisory and administrative positions in fields of physical education, health and safety, and recreation. Incidentally, it is believed that many doctorate candidates will find it desirable to qualify for this degree while carrying on their more extensive program of meeting the various requirements for the doctorate.

DIRECTOR DEGREE

1. Advanced standing may be secured by a candidate by presenting an official transcript of graduate credits from another approved educational institution. The maximum amount of advanced graduate credit that may be transferred on this degree shall be thirty semester hours.

2. It is recommended that the usual Director candidate plan to take all of his course work in the School of Health, Physical Education, and Recreation and follow a pattern of courses that will qualify him for expert service as an administrator and supervisor.

3. The candidate may, if he so desires, be permitted to present work in an approved minor field of graduate study in partial fulfillment of requirements for the degree. A minor may be in graduate courses in the School of Education, or any other field of learning if approved by the Dean of the School. A minor may be any amount of graduate course credit in an approved field of study not to exceed twenty semester hours. It should be clearly understood that a candidate is not required to have a minor. If a minor is chosen, the remainder of the sixty hours for the degree (supplementing the major and minor) shall be in the graduate courses of the School outside the major field.

4. All graduate students are required to complete Course HPER T590, Introduction to Research in Health, Physical Education, and Recreation, or have had a comparable course as part of their graduate study. It is recommended that the student take HPER T590 during his first semester in school when it is feasible to do so.

5. A candidate for the directorate with a major in health and safety, physical education, or recreation must complete successfully

thirty semester hours of graduate course work in the field in which he is taking a major. A field study, with credit of from five to ten semester hours, may be prescribed as part of the major (30 hours). The remainder of his credits may be in other fields of the School of Health, Physical Education, and Recreation and in an approved minor field of study (if an outside minor is desired).

6. **Qualifying Standards.** Following are the general requirements for the Director degree in any department of the School of Health, Physical Education, and Recreation:

(a) Two semesters of residence, or the equivalent in summer sessions or in University centers, are required of the candidate after he has qualified for a Master's degree (or its equivalent) here or elsewhere. A minimum of two regular summer sessions or equivalent of residence on the campus is required.

(b) The successful completion of sixty semester hours of approved graduate work is required.

(c) An average scholarship of "B" or higher must be maintained.

(d) Qualification for the degree should be completed within five calendar years after enrollment as a candidate for this degree.

(e) A minimum of two years of successful practical experience is required of a candidate before the degree is conferred. Preferably, this experience should precede the graduate course work.

7. No language requirement is made for this degree, but candidates are urged to cultivate effective use of the English language.

THE DOCTORATE

The School is authorized to qualify successful candidates for the following doctoral degrees: Doctor of Physical Education (Pe.D.), Doctor of Health and Safety (Hs.D.), and Doctor of Recreation (Re.D.).

1. The School of Health, Physical Education, and Recreation administers the qualifying activities of candidates for the doctoral degree with majors in either physical education, health and safety, or recreation. The steps toward meeting the requirements for the doctoral degree are as follows: (a) admission to graduate study; (b) approval by the Faculty as a candidate; (c) the passing of a preliminary examination; (d) the completion of required course work; (e) the completion of an approved dissertation; (f) the passing of the final oral examination.

2. **Admission.** Students seeking admission to graduate study must have a baccalaureate degree equivalent to that degree granted by Indiana University through its various schools.

3. **Approval.** After being admitted to graduate standing, any student desiring to become a candidate for the doctorate with a major in either physical education, health and safety, or recreation must be approved by the Faculty of the School of Health, Physical Education, and Recreation before he is an official doctorate candidate. To secure approval he or she must file with the Dean of the

School an application accompanied by an unmounted photograph with full name written on the back.

4. **The Candidate's Committee.** After a candidate is approved by the Faculty, a committee shall be appointed by the Dean of the School to guide the subsequent work of the candidate in qualifying for the degree. The chairman of this committee shall have the major responsibility for supervising the candidate's progress, but another member of the committee may be designated as director of the thesis project if better qualified to assist in the investigation finally approved by the committee.

5. **Progress Expected.** If at any time after an individual has been formally admitted as a candidate for a Doctor's degree, a period of three years elapses during which time no objective progress in course work or thesis investigation is made toward completing degree requirements, this individual's candidacy will be terminated.

6. **Preliminary Examination.** Approximately at the time the candidate begins his last academic year of credit work (45 semester hours including the thesis) he must pass a preliminary examination. This examination is in two parts: a written examination in chosen fields of the School; an oral examination before selected members of the School's Faculty.

The preliminary examination has several purposes:

(a) It tests the scholarship of the candidate in his major fields of professional interest.

(b) It enables the Faculty to advise him concerning the remedial study necessary to correct weaknesses in preparation discovered.

(c) It permits the Faculty to form an estimate concerning his personality, poise, and ability to comprehend problems and propose solutions.

(d) It provides a means of saving time and money of such candidates as are manifestly unsuited to the successful continuation of graduate work for the doctorate.

(e) It promotes the esprit de corps of those candidates who have passed this qualifying examination.

7. **Required Course Work.** The candidates for the doctorate in the School of Health, Physical Education, and Recreation must comply with the following regulations:

(a) He must complete a graduate course of study of at least six semesters or their equivalent of which a minimum of two semesters or their equivalent must be spent in residence at Indiana University.

(b) He must choose, as his major field, physical education, health and safety, or recreation. He must choose two minors, one of which may be within the School of Health, Physical Education, and Recreation in either of the two areas not selected as his major field. He may choose both minors outside the School, if he so prefers, in any department or professional school of the University offering graduate work.

(c) **THE MAJOR.** The major shall consist of thirty-five semester hours, prescribed by the candidate's committee, of which the thesis shall give no more than fifteen semester hours of credit.

(d) **THE INSIDE MINOR.** The minor chosen within the School of Health, Physical Education, and Recreation shall be normally fifteen semester hours of credit work prescribed by the candidate's committee.

(e) **THE OUTSIDE MINOR.** The minor chosen in a department or professional school outside the School of Health, Physical Education, and Recreation shall normally be between fifteen and twenty semester hours of credit work, prescribed by the candidate's committee.

(f) **TWO OUTSIDE MINORS.** If the candidate chooses both minors outside the School, each shall consist of fifteen semester hours as prescribed by the committee.

(g) **ELECTIVES.** Under ordinary conditions the candidate will be allowed free election of twenty semester hours of graduate course work, either to broaden his education or to provide for additional specialization in his field of special interest. The candidate's committee is, however, in complete control of his candidacy and may make any course prescriptions which they consider necessary for the candidate's proper preparation.

(h) **AMOUNT AND STANDARD OF WORK.** The successful candidate must complete at least ninety semester hours of graduate work, including the thesis, at this or other institutions of learning of approved rank. A scholarship average not less than a "B" must be earned by the candidate in all his graduate work.

8. Practical Experience Required. In addition to other stated requirements the candidate for a doctoral degree must present evidence of at least two years of successful practical experience.

9. Language and Statistical Techniques. No foreign language requirement is made for this degree, but candidates are urged to cultivate effective use of the English language. As a substitute for the reading knowledge of two foreign languages frequently required of doctoral candidates in graduate divisions of universities, the doctoral candidates of the School of Health, Physical Education, and Recreation shall normally be required to complete successfully graduate courses HPER T591, Interpretation of Data in Health, Physical Education, and Recreation, and HPER T592, Statistical Techniques of Research in Health, Physical Education, and Recreation.

10. The Dissertation. The successful candidate must present an acceptable thesis on some significant problem in the field of his major specialization. This thesis must be in the nature of an original contribution through research or of the organization, evaluation, and application of existing knowledge to an important problem in his major field of professional specialization.

At least one month before the final examination, five typed and bound copies of the complete thesis must be filed in the office of the School of Health, Physical Education, and Recreation. If the candidate is recommended for the degree, arrangements must be made with the Dean to provide for the publication of the thesis. The following methods of publication are permissible:

(a) The thesis may be published in some reputable journal

or in book form. In this case, five printed copies of the complete thesis must be deposited in the University Library.

(b) Mimeographing may be interpreted as one form of printing, and, in lieu of printed copies of a thesis, mimeographed copies may be accepted. In the case the thesis is mimeographed, a minimum of 150 copies should be made, of which five must be deposited in the Library.

(c) In the event that the complete thesis cannot be published at a reasonable cost, an abstract or digest giving the essential contents with conclusions and summary may be printed at the expense of the candidate. The candidate may have the abstract published anywhere he chooses. If he wishes, he may pay to the University the cost of publication of the abstract, and the printing will be done by the State Printer through the University. If an abstract of the thesis is published, 200 copies of it must be deposited in the University Library, to be distributed to the leading libraries of the country.

Regardless of the method of publication, if it is impossible for the candidate to file printed copies of his thesis before the granting of the degree, he must file a bond for \$100 in the Treasurer's office to the effect that he will deposit printed copies within a reasonable length of time.

As soon as they are printed, these copies should be filed with the Dean of the School of Health, Physical Education, and Recreation, who will deposit them in the Library and notify the Treasurer to release the bond. All copies submitted in fulfillment of the bond must be suitably bound with durable covers.

11. **Final Oral Examination.** The candidate is given a final oral examination by his committee after the thesis is accepted in typewritten form. The examination covers the thesis and the major and minor fields. Successfully passing this examination by the candidate is necessary in order to qualify for the degree. The examination is open to the members of the Faculty and to others who care to attend.

FEES AND EXPENSES

Fees. All students in this School* who are legal residents of the state of Indiana are charged a fee of \$48.75 for fifteen semester hours; fees for nonresidents are \$153.75 for fifteen semester hours.

Expenses. Room and meals in the residence halls, Bloomington campus, vary from \$262 to \$292 with a few single rooms higher. Rates for married students vary from \$25 a month up, according to type. Cooperative housing is available to men and women at \$54, room only per semester. Rooms in private residences vary from \$72 to \$108 a semester. Meals are available at restaurants or the University cafeteria where the average cost a day was \$1.50 in the spring of 1950.

* Except in the Normal College of the American Gymnastic Union of Indiana University (Indianapolis) where the fee is the same for residents and nonresidents—\$75 a semester, plus \$10 for health, activities, and group insurance, plus an \$18 practice teaching fee in the Sophomore year.

Departments in the School of Health, Physical Education, and Recreation

PROFESSIONAL DEPARTMENT

Dean PATTY (Temporary Chairman).

This is primarily an administrative device to integrate the professional training services of the members of the staff of the various departments within the School who are best qualified for that type of responsibility.

DEPARTMENT OF INTERCOLLEGIATE ATHLETICS FOR MEN

Director and Associate Professor HARRELL*; Associate Professor SMITH*;
Assistant Professor McCracken,* FISHER*; Instructors ROYER,*† MC-
DANIEL,* COCHRANE, EDMONDS, FREEMAN, WHEREATT, ANDRES,* SINKO,
PRICE.

Indiana University maintains a balanced program of intercollegiate contests in football, cross-country, basketball, swimming, wrestling, gymnastics, track (indoor), baseball, tennis, and outdoor track and field.

Outdoor facilities include a football and track stadium seating approximately 33,000 spectators, two large football practice fields, a baseball field, and ten tennis courts for men.

Indoor facilities include a gymnasium basketball floor, a special basketball floor for varsity games in the Fieldhouse, a swimming pool, wrestling room, trophy room, and spacious locker and shower rooms. The Fieldhouse is 200 feet wide and 300 feet long, and has a seating capacity at present of 9,000 persons, which can be increased to meet future demands. This building provides facilities for track, basketball, indoor practice in football, baseball, golf, as well as for intramural sports, in which the University maintains and conducts a comprehensive program. Athletics and physical education for men are supervised by expert coaches and thoroughly trained instructors. All new men students, upon entering the University, are examined by the University Physicians, who may also be consulted by students every week day at certain scheduled hours.

Indiana is a member of the National Collegiate Athletic Association, the Indiana Intercollegiate Conference, and the Intercollegiate Conference of Faculty Representatives, known as the Western Conference, which organization is composed of the leading institutions of this section of the country. A special effort is made to encourage participation in athletic sports, either intercollegiate or intramural, by all students. To this end athletic fields and tennis courts are

* Also teaches professional courses.

† Also teaches physical education service classes for men.

maintained for teams and students. In every practicable way the University endeavors to further the physical health and well-being of its students.

DEPARTMENT OF HEALTH AND SAFETY

Professor PATTY; Assistant Professors RASH, McLELLAND; Instructor DANE (Acting Chairman).

This Department is chiefly concerned with the professional preparation of technical workers in the field of health and of teachers and administrators of school health and safety programs. Undergraduate and graduate courses are provided, and promotional and research work is done.

The Department is especially fortunate in enjoying unusually fine cooperation from the staff of the School of Medicine. The staffs of the Departments of Anatomy and Physiology on the Bloomington campus teach special courses in special sections for majors in human anatomy, general physiology, physiology of exercise, hygiene, and graduate courses for graduate students with similar minors. The staff of the Department of Public Health of the School of Medicine in Indianapolis jointly sponsors, with this School, the curricula for public health educators.

The Institute of Criminal Law Administration on the Bloomington campus is also planning cooperatively with this Department in strengthening provisions for driver testing and driver instruction facilities.

NORMAL COLLEGE OF THE AMERICAN GYMNASTIC UNION DEPARTMENT

Assistant Professor HESTER (Director of the Normal College and Dean of Women); Part-time Lecturers SPUTH,* HADLEY†; Lecturer ZIPERMAN; Instructors RINSCH, MARTIN (Dean of Men), CHAPPELLE; Part-time Instructors ZIMLICH,‡ RUST*; Teaching Fellow JEWELL.

The Normal College of the American Gymnastic Union merged with and became an integral part of Indiana University in 1941. An affiliation between the two institutions had existed since September, 1933. Between 1933 and 1941 the fourth year of the work had been given by Indiana University at Bloomington. Since 1941-42 the last two years of the work have been offered only at Bloomington.

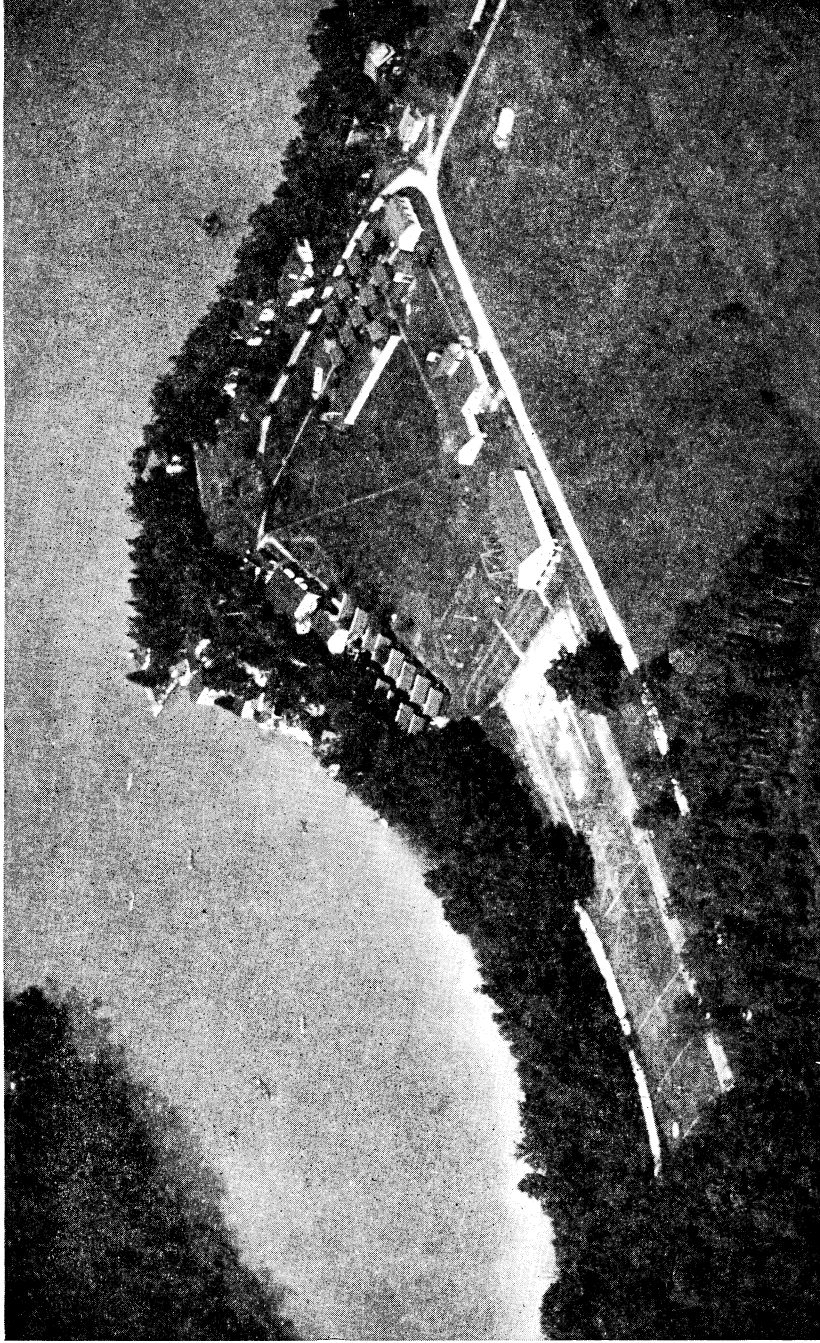
The merger brings into Indiana University the oldest American institution for the training of teachers of physical and health education and of recreation. The American Gymnastic Union, a nationwide organization, was founded in 1850 and started its Normal School in 1866. It was transferred from Milwaukee to Indianapolis in 1907.

The work in Indianapolis is carried on in the east wing of the Athenaeum, Michigan and New Jersey streets, where an auditorium

* Second semester, 1949-50.

† February 1 to May 31, 1950.

‡ October 1, 1949, to May 31, 1950.



Camp Brosius, belonging to Indiana University, at Elkhart Lake, Wisconsin, is used for intensive training of future recreation leaders.

and concert hall, as well as the rooms necessary for training work, are available.

A thorough and practical course in the organization and administration of camps and in camping is made possible through the use of a fully equipped camp at Elkhart Lake in Wisconsin—Camp Brosius. Students are required to attend the camp session for four weeks in June during the Freshman and Sophomore years.

The curriculum leads to a Bachelor of Science in Physical Education degree. Those especially interested in this department should write to the Recorder of the Normal College, 415 East Michigan Street, Indianapolis, for a copy of the annual bulletin.

DEPARTMENT OF PHYSICAL EDUCATION FOR WOMEN

Director and Associate Professor MUNRO; Associate Professor PHILLIPS; Assistant Professors FOX, YEAKEL; Instructors LEYHE, SUMMERS, WICHMAN, COADY, TANNER.

Physical education is required of all Junior Division students two periods a week. One hour of nonacademic credit a semester is given for this work.

In addition to the required courses of the Freshman year, undergraduate women enrolled in the College of Arts and Sciences, the School of Education, the School of Business, and the School of Health, Physical Education, and Recreation may elect a limited number of physical education courses for academic credit.

Each student taking work in physical education is given a physical examination. On the basis of information thus obtained, advice is given and special recommendations are made.

Swimming and modern dancing throughout two semesters, hockey, softball, speedball, tennis, volleyball, golf, and archery in the first semester, basketball, badminton, bowling, group games and exercises, folk dancing, and tap dancing in the second semester are open to all women students physically able to engage in them. Interclass and intramural competition in various sports is provided for through the Women's Athletic and Women's Intramural Associations, respectively. This work is closely supervised by staff members. Special effort is made to interest every student in some sport.

Regulation gymnasium and swimming suits are procured in Bloomington. Suits should not be purchased before consulting the Director.

Physical education facilities for women include three gymnasias, an individual gymnastics room, a swimming pool, two classrooms, lockers and dressing-rooms with showers, and athletic fields for hockey, speedball, volleyball, softball, golf, tennis, and archery. The program is offered on a semester basis, including two semesters of outdoor activities and one semester of indoor activities. Emphasis is placed upon a medical examination by the University Physician at the beginning of the college year before enrollment. Students are encouraged to make a re-check on their physical conditions with the physician before enrolling in new semesters of activity. Work offered throughout the year includes a graded program of vigorous, mod-

erate, and adapted activities, and special classes for posture, foot, and other individual needs in connection with adapting the program to the various capacities of the student body.

Interclass and intramural competition in various sports for women is provided for through the Women's Athletic Association. The work of this organization is closely supervised by members of the staff of Physical Education for Women. Special effort is made to interest every student in some sport.

DEPARTMENT OF PHYSICAL EDUCATION FOR MEN

Associate Professor WAKEFIELD (Chairman); Assistant Professors SLATER-HAMMEL, EICK; Instructors BUCHER, ROYER,* RYSER, ENDWRIGHT; Lecturer COUSINS.

All Junior Division men, unless excused, are required to take physical education work two days a week (one hour of nonacademic credit each semester). This work is primarily recreational in character, although some work of a developmental nature is included.

The directors of the work in physical education aim to develop organic power which is the basis of vitality and the prerequisite to physical and mental education; to secure and maintain a harmonious muscular development; to provide an incentive and an opportunity for every student to secure physical recreation as a balance to the sedentary demands of University life; to conserve the social and moral values of games and sports; to establish high ideals and efficient administration of athletics; to qualify men for expert service in conducting physical education, play, and athletics on playgrounds, and in public schools, colleges, Y.M.C.A.'s, and community centers.

In addition to the required courses of the Freshman year, undergraduate men enrolled in the College of Arts and Sciences, the School of Education, the School of Business, and the School of Health, Physical Education, and Recreation may elect a limited number of physical education courses for academic credit.

The Men's Gymnasium has a playing floor 160 by 90 feet, a swimming pool 30 by 88 feet, three handball courts, wrestling room, trophy room, and spacious locker and shower-rooms. A large Fieldhouse adjoins the gymnasium. The Fieldhouse is 200 feet wide and 300 feet long. Through the cooperation of the Athletics staff the Physical Education Department has the use of indoor facilities at times other than varsity practice hours.

The outdoor space reserved exclusively for physical education is augmented by the use of the baseball field, track, and men's tennis courts, when not in use by varsity squads.

DEPARTMENT OF RECREATION

Associate Professor EPPLEY (Acting Chairman); Assistant Professors SCHLAFER, CARLSON; Part-time Instructor FEMAL.

Indiana University, through its School of Health, Physical Edu-

* Half-time.

cation, and Recreation, has recognized the need for recreational training and training for leisure. Courses are offered leading towards degrees of B.S., M.S., Director of Recreation, and Doctor of Recreation. The School draws on the schools or departments of Fine Arts, Speech, Music, Journalism, Botany, Sociology, the Audio-Visual Center, and other departments for courses to balance and enrich its offerings for recreation majors. The schedule of courses is designed to meet the needs of students who wish to qualify for recreation employment and of other students who desire a background of culture and skills which will enable them to render distinct contributions to community life.

Majors in recreation are provided recreational experience in the local municipal recreation program through an arrangement by which the local director of municipal recreation serves also as a member of the staff of the School of Health, Physical Education, and Recreation. Additional opportunities for recreation are afforded on the University campus, at Camp Brosius on beautiful Elkhart Lake in Wisconsin, in the near-by state forests of Yellowwood and Morgan-Monroe, and in the nationally renowned state parks of Brown County, McCormick's Creek, and Spring Mill.

In addition to its campus recreation training program, Indiana University, through its School of Health, Physical Education, and Recreation, serves the entire state of Indiana by providing, without charge, a field recreation consultation service to state parks, cities, and schools.

BUREAU OF SERVICE AND RESEARCH

Director and Professor BOOKWALTER.*

The chief functions of such a department are as follows:

1. To integrate the administration and promotion of professional advisory services of members of the staff to the state and to local school systems, park boards, and other community organizations in fields of health, safety, physical education, athletics, and recreation.
2. To develop in a central place special equipment, expert research assistance, and special research references for Faculty, graduate students, and workers in the field.
3. To develop permanent exhibits in fields of health, safety, physical education, athletics and sports, and recreation if desirable: (a) equipment and supplies; (b) building materials; (c) stadium plans; (d) layouts for playgrounds and outdoor physical education space; (e) swimming pool plans; (f) examples of all known standardized tests in health, physical education, safety, and sports; (g) examples of teaching and coaching aids, list of visual aids in the various fields of work in the School, and approved references in the various fields.
4. To secure consignments of standard tests and similar materials in the various fields of the School to sell to people interested out in the state.

* On leave of absence, second semester, 1949-50.

Courses in the School of Health, Physical Education, and Recreation, 1950-51

A new system of course numbers for the University will go into effect with the first semester of 1950-51. New course number, followed by the old number in parentheses, appears in all course statements and curricula.

UNDERGRADUATE COURSES

The letter preceding new course number indicates category or subject field—in the School of Health, Physical Education, and Recreation, as follows:

- A—Athletics—Courses ending in 81-89.
- H—Health—Courses ending in 56-65.
- M—Physical Education for Men—Courses ending in 30-49.
- P—Physical Education for Men and Women—Courses ending in 90-99.
- R—Recreation—Courses ending in 66-80.
- S—Safety—Courses ending in 50-55.
- W—Physical Education for Women—Courses ending in 00-29.

A181-A182 (292*a,b*). Orientation in Athletic Training I-II. (3-3 cr.)

A183 (230). Football. (1½ cr.)

The fundamentals of offensive and defensive line and backfield play; technique of forward passing; outstanding rules; offensive plays and the most frequently used defenses.

A184 (231). Basketball. (1½ cr.)

The fundamentals of basket shooting, passing, ball handling and foot work; offense and defense psychology and strategy; the basketball season, tournament play, and coaching hints.

A185 (232). Baseball. (1½ cr.)

The fundamentals of pitching, catching, batting, base-running, infield and outfield play; offensive and defensive strategy; organization and management.

A186 (233). Track and Field. (1½ cr.)

The fundamental procedures in training and conditioning for running, jumping, vaulting, shot putting, and hurdling; coaching strategy; organization and management of track and field events.

A281-A282 (390*a,b*). Techniques of Conditioning and Bandaging for the Athletic Trainer I-II. (2-2 cr.)

A381-A382 (392*a,b*). Laboratory Practice in Athletic Training I-II. (3-3 cr.)

A383 (391). Instruction in Athletic Training Problems. (2 cr.)

A384 (134). Technique of Swimming. (1 cr.)

The course covers techniques of crawl, back, and breast strokes and springboard diving. Swimmers of sufficient ability are taught standard Red Cross Life Saving. When prospective teachers are in the majority, some attention is centered on teaching methods.

A385 (135). Technique of Wrestling. (1 or 2 cr.)

A study of the fundamentals, including working off the feet, leg drops, wrestling from referee's position on the mat, and primarily striving for falls. Also an attempt to teach coordination and counter maneuvers is emphasized throughout along with placing a premium on speed, skill, and leverage.

A481-A482 (492*a,b*). Advanced Techniques in Athletic Training I-II. (3-3 cr.)

A483. Principles of Sports Officiating. (2 cr.)

The course will include the ethics of sports officiating, the mastery, interpretation, and application of sports rules. The course involves laboratory as well as classroom experiences.

A485 (330-339). Advanced Undergraduate Techniques. (Credit arranged.)

An opportunity for a student especially interested to secure advanced preparation in the techniques of teaching any of the following sports and activities: swimming, wrestling, football, basketball, baseball, track and field, minor athletic games, gymnasium floor apparatus, and rhythmic.

H160 (190). First Aid. (2 cr.)

A lecture and demonstration course on first aid measures for wounds, hemorrhage, burns, freezing, sprains, dislocations, fractures, unconscious conditions, suffocation, and poisons, with skill training in all procedures.

H464 (441). Organization of Health Education. (2 cr.)

A consideration of the most appropriate content which should be included in high school health education courses. Sources of material are stressed. Public relations are studied.

M130 (100). Physical Education Service Courses for Men. (1 cr. each semester.)

The course is primarily recreational, although there is some work of a developmental nature. Required of all men in the Junior Division unless exempted.

M131-M132 (138*a,b*). Natural Gymnastics and Apparatus Technique I-II. (1-1 cr.)

Stunts, tumbling, pyramids, and individual athletic events make up the activities. Squad procedure, pupil leadership, and safety methods are practiced and stressed. Exercises on the side and long horse, horizontal bar, parallel bars, flying rings, and spring board. Squad procedure, pupil leadership, and safety methods practiced and stressed.

M140 (102). Individual Gymnastics. (1 cr. each semester.)

Men students exempted from the requirement in military training and those who are given a slightly restricted or restricted health rating in the required physical education program engage in a varied program of physical activities adapted and restricted insofar as possible on the basis of individual needs.

M141-M142 (199*a,b*). Freshman Major Activity Program I-II. (1-1 cr.)

M231-M232 (136*a,b*). Techniques of Minor Athletic Games I-II.
(1-1 cr.)

The work will be largely practical; the following games will be played: speedball, touch football, soccer, volleyball, badminton, aerial dart, tetherball, handball, ping-pong, codeball, softball, kick baseball, kick cricket, archery, field hockey, and many other vigorous games. Attention will be given to schedule-making and methods of determining championships.

M234 (204). Technique of Athletic and Clog Dancing. (1 cr.)

No previous experience a prerequisite. Simple athletic and clog dances for men and boys.

M249 (139). Rhythmic Techniques. (1 cr.)

The learning of twenty-five to thirty folk and gymnastic dances and singing games suitable for the playground, gymnasium, community center, and recreation in general.

M335 (105). Elective Physical Education Activities for Men. (1 to 2 cr.)

Participation in selected game activities of a varied nature, with the purpose of affording abundant, yet safe, exercise.

M440 (340). Physical Activity Conduct Technique. Inside activities. Outside activities. (1 cr.)

Teaching experience on the college level with as varied a program of activities as the student schedule permits. The professional and required classes as well as the intramural program furnish experiences in officiating and teaching activities according to season.

M444 (444). Administration, Organization, and Supervision of Physical Education. (3 cr.)

The philosophy and methodology of organizing the physical education aspect of a complete school health and physical education program are discussed from the viewpoint of the teacher as a member of a modern profession.

P195 (205). History and Principles of Physical Education. (3 cr.)

This course is concerned with the historical development of physical education from primitive to modern times. The aims and objectives of modern physical education are emphasized with their application to present-day educational programs.

P397 (207). Kinesiology. (3 cr.)

Prerequisite, Anatomy A210. A study of the principles of human motion. Anatomical and mechanical analysis of everyday and physical education activities emphasized for the purpose of promoting normal physical development and improvement of performance.

P398 (229). Physical Examinations and Corrective Exercises. (3 cr.)

Prerequisites, Anatomy A210 and Kinesiology (HPER P397). A study of normal and faulty postural conditions at various age levels; practice in giving physical examinations with interpretation of findings; organization of programs in physical education for the individual who is physiologically or orthopedically handicapped.

P493 (443). Tests and Measurements in Physical Education. (3 cr.)

The theory of measurement in physical education, the selection and administration of appropriate tests, and the interpretation of their results by fundamental statistical procedures.

P499 (445). Undergraduate Research in Health, Physical Education, Recreation, Safety, or Athletics. (Credit arranged.)

R170 (108). Nature and Practice of Play. (2 cr.)

For men and women. Required for the four-year Elementary Teacher Training course, and of those taking a major or desiring a license in physical education. Games, theories of play and recreation, methods of organization, technique of game conduct, proper placement of games as to age, equipment, variations of games, incentives.

R273 (117). Recreational Crafts. (2 cr.)

Participation in the preparation of handcraft suitable for community centers, playgrounds, and camps.

R274 (221). Introduction to Community Recreation. (2 cr.)

Study of the scope of community recreation; basic social values, organization and relation to other social institutions; program content and leadership.

R275 (145). Camp Counselors' Training Course. (2 cr.)

R276. Camp Crafts. (2 cr.)

Discussion and practice of skills in outdoor cookery, lashing, campfire programs, map and compass work, use of native materials and nature lore.

R374 (114). Youth Service Organization. (2 cr.)

Objectives, organization, program and membership of principal national youth membership agencies.

R375 (255). Boy Scout Leadership. (2 cr.)

Lectures, demonstrations, and practice of scouting principles, methods, and activities. Intended for Scouters and Scouts sixteen years of age or older.

R469. Techniques of Social Recreation. (2 cr.)

Practice in planning, demonstrating and conducting activities and programs designed for various types of social events and gatherings.

R470 (321). Supplementary Field Experience in Recreation. (Credit arranged.)

This course corresponds to a "practice teaching" course. The student acquires experience in recreational leadership by working in the local recreation program.

S350 (450). Content and Materials in Safety Education. (2 cr.)

A course for secondary school teachers covering all phases of school safety education—home, occupational, recreational, and transportational. Includes a study of the well-organized school safety program, its administration and organization. Much of the course is on an activity basis.

S355 (451). Techniques of Driver Training and Testing. (1 cr.)

The purpose of this course is to prepare high school teachers of driver education. Both the classroom phase and behind-the-wheel techniques are presented. Every enrollee will have an opportunity to teach automobile driving to beginners.

W100 (101-126). Physical Education Service Course for Women. (1 cr.)

W103 (103). Modern Dance. (1 cr. each semester.)

W104 (101). Volleyball. (1 cr.)

W105 (125). Social Dancing. (1 cr.)

- W106 (126). Folk Dancing. (1 cr. each semester.)
- W107 (107). Speedball. (1 cr.)
- W110 (110). Swimming. (1 cr.)
- W113 (111). Tennis. (1 cr.)
- W114 (112). Golf. (1 cr.)
- W115 (115). Basketball. (1 cr.)
- W118 (118). Softball. (1 cr.)
- W119 (119). Archery. (1 cr.)
- W124 (144). Introductory Rhythmic Training. (1 cr.)
- W203 (103M-I). Modern Dance. (1 cr. each semester.)
- W211-W212 (203M). Modern Dance Composition I-II. (1-1 cr.)
- W213 (295). Rhythmic Form and Analysis. (2 cr.)
- W220 (140). Techniques of Stunts, Tumbling, and Gymnastics.
(2 cr.)
- W223 (243). Technique of Rhythms for the Elementary School.
(1 cr.)
- W224 (240). Technique of Folk Dancing. (1 cr.)
- W225 (241). Technique of Games for Elementary Schools. (1 cr.)
- W320 (244). Technique of Swimming. (1 cr.)
- W323 (245). Techniques of Individual Sports. (1 cr.)
- W324 (242). Technique of Modern Dancing. (1 cr.)
- W325 (235). Technique of Team Sports. (2 cr.)
- W326 (236). Technique of Assisting. (2 cr.)
- W327 (226). Theory of the Dance. (2 cr.)
A study of the history, principles, theory, and philosophy underlying dance from primitive times to present. Emphasis is placed upon theory and trends with special emphasis on the place of modern dance in a progressive program of physical education.
- W328 (393). Modern Dance Accompaniment. (2 cr.)
A study of suitable accompaniment for dance. This includes music, verse, voice, and percussion instruments.
- W329 (395). Dance Costuming. (2 cr.)
The design and construction of costumes for dance with special emphasis on line, material, and color.
- W400 (222). Organization and Administration of Physical Education. (2 cr.)
Prerequisite, HPER P195.

W411-W412 (491, 493). Dance Production I-II. (3-3 cr.)

W411: The choreography of individual dances and dances for small groups. Also included are selection of accompaniment, designing and constructing costume, staging and presentation of the dances.

W412: A continuation of Dance Production with special emphasis on forms for large groups and presentation of dances in student performance.

*Teachers' Courses**

Education M358 (322H.S.). The Teaching of Health and Safety. (2 cr.)

Education M438 (226P.Ed.). Student Teaching of Physical Education in the Elementary School. (3 cr.)

Education M456 (321, 322P.Ed.). Methods of Teaching Physical Education for Men. (5 cr.)

Education M457 (321, 322P.Ed.). Methods of Teaching Physical Education for Women. (5 cr.)

Education M458. Methods of Teaching Health and Safety. (5 cr.)

Education M480 (426). Student Teaching in the High School. (3-8 cr.)

GRADUATE COURSES

The letter preceding new course number indicates category or subject field—in the School of Health, Physical Education, and Recreation, as follows:

A—Athletics—Courses ending in 80-89.

H—Health—Courses ending in 10-29.

P—Physical Education—Courses ending in 30-49.

R—Recreation—Courses ending in 60-79.

S—Safety—Courses ending in 50-59.

T—Technical Courses—Courses ending in 90-99.

A583 (538). The Administration of Interscholastic Athletics. (2 cr.)

Deals with the organization of High School Athletics with special reference to national, state, and local control. Considers staff, program, budget, health and safety, facilities, and other phases of administration.

A584 (548). Administration of Intercollegiate Athletics. (2 cr.)

Covers the history of competitive athletics in the United States, the administrative controls that have arisen, and the methods of administering all aspects of competitive athletics in colleges and universities.

H510 (541). Organization and Development of the School Health Program. (3 cr.)

A course for teachers and school administrators who desire an understanding of a well-balanced health program in the school.

* For prerequisites and descriptions of these courses, see the *Bulletin of the School of Education*.

H513 (522). Problems in Content and Method in Health Education. (2 cr.)

A course for experienced teachers who wish to improve their work as health educators. Includes information, experimental and other forms of research concerning desirable content of instruction at various levels. Stresses suitability of method as determined by factors of need, interest, and comprehension ability. Involves content, methods, and teaching devices.

H514 (521). Supervisory Problems of Health and Safety Education in Elementary Schools. (3 cr.)

A consideration of problems in education for health and safety in the grades, from kindergarten through the eighth grade. Intended for regular elementary school teachers as well as principals and supervisors.

H515 (561). Health Education Test Construction. (2 cr.)

An intensive study of principles of construction, selection, and interpretation of health education tests and other evaluative procedures. Includes criticism of a collection of standardized health education tests.

H516 (581). Health Education Curriculum. (3 cr.)

A course for health educators and administrators. Stresses organization of the school health curriculum. Discriminates between curriculum and course of study. Includes intensive consideration of a collection of courses of study. Techniques for course of study construction are emphasized. Includes laboratory work in health course of study construction.

H517 (591). School and Community Health Workshop. (3 cr.)

A course stressing democratic procedures in seeking solutions to "felt health program problems" of the school and community. Sponsored jointly by the Indiana State Board of Health, Indiana State Department of Public Instruction, and Indiana University. A number of state societies interested in various health problems cooperate in this work.

H617 (715). Seminar in Health. (Credit arranged.)

Individual and group study of problems arising in the field of health.

H618 (571). School Health Surveys. (3 cr.)

Deals with techniques and standards used in making surveys of school health policies, health service, and health education.

H720 (745). Research in Health Education. (Credit arranged.)

P530* (547). Advanced Theory of Training Competitive Athletes. (3 cr.)

Prerequisite, practical coaching experience. A course to acquaint teachers with the practical problems of building an athlete through the high school and collegiate years, with proper emphasis on the physical, intellectual, and psychological phases of his life incidental to a high degree of performance in intercollegiate athletic competition.

P539 (555). Facilities for Physical Education, Recreation, Health and Safety. (3 cr.)

Principles, terminology, and standards for planning, construction, use, and maintenance of facilities are treated for the indicated programs. Standard authoritative references are studied and critically evaluated.

* For men only.

P540 (648). Organization and Administration of Intramural Athletics. (2 cr.)

History, present status, and objectives of the intramural movement; administration, organization, and affiliation with other departments; units of competition from elementary to college level; program of activities; group, team, and individual schedule making and scoring plans; rules and regulations, awards, and special administrative problems.

P543 (543). Supervision in Physical Education. (2 cr.)

Principles, problems, relationships, and procedures in the supervision of physical education are considered.

P544 (544). Administration of Physical Education. (3 cr.)

Principles, problems, and procedures for administering a city physical education program are taken up from the viewpoint of a city director or school administrator.

P545 (542). The Physical Education Curriculum. (3 cr.)

Principles, problems, and procedures in the development of a physical education curriculum are considered. Special emphasis is placed upon developing a course of study in physical education for a chosen situation.

P546 (546). Problems in Physical Examinations and Corrective Exercises. (3 cr.)

Prerequisite, HPER P398 or its equivalent. Deals with educational procedures in regard to public school children with physical defects. Analyzes the health examination in regard to scope, function, personnel, relationships, and results, and discusses restrictions in the school program for individuals on the basis of this examination.

P547 (577). Advanced Tests and Measurements in Physical Education. (3 cr.)

The theory of measurement in health and physical education, the selection and administration of appropriate tests, and the interpretation of results by fundamental statistical procedures are studied. A project is required to demonstrate some ability to apply the theory involved.

P548 (554). The Nature and Basis of Motor Skill. (3 cr.)

A study of the factors that make for successful motor performance. Includes an intensive review of the available psychological data as applied to the problems of motor performance.

P549 (549). Organization of Physical Therapy. (2 cr.)

Deals with the various special fields of physical rehabilitation with especial emphasis upon the use of such agents as exercise, massage, heat, water, electricity, and various forms of radiation in public school work. Some demonstrations will be made.

P647 (716). Seminar in Physical Education. (Credit arranged.)

Individual and group study of problems arising in the field of physical education.

P740 (746). Research in Physical Education. (Credit arranged.)

R570. Planning and Administration of Social Recreation. (2 cr.)

A study of the administration, planning, and conduct of social recreation. Includes classroom discussions and laboratory demonstrations.

R573 (551). Outdoor Recreation. (2 cr.)

Organization, administration, and appreciation of programs and activities in large park areas and forests: outing clubs, campfire programs, picnics, hiking, outdoor cookery, trails, exhibits, class and field assignments.

R574 (552). Camping Administration. (2 cr.)

Study of organization and administration of camps with particular emphasis on program planning, selection and training of staff, composite selection and development, and health and safety.

R575 (545). Administration of Public Recreation. (3 cr.)

Study of recent trends in organization and administration of recreation on federal, state, and local levels. Attention given to legislative provision, governmental control, financing, budget, personnel, departmental organization, and administrative practices especially on a local level.

R576. Administration and Philosophy of Recreation for Rural Areas. (2 cr.)

A study of rural community organization, culture, and characteristics, and their relationships to a rural recreation program. Includes methods of establishing and conducting a rural program on county and state levels.

R667 (717). Seminar in Recreation. (Credit arranged.)

Individual and group study of problems arising in the field of recreation.

R675 (645). Recreation Surveys. (2 cr.)

Study of community surveys; evolving standards, interpretation and presentation of data; and development of program plans based on survey data.

R676. Planning Park and Recreation Facilities. (2 cr.)

A study of the relation of the park system to the total plan; area layout and design of park and recreation facilities. Includes inspection of areas and the preparation of plans.

R770 (747). Research in Recreation. (Credit arranged.)**S550 (550). Organization of Safety Education. (2 cr.)**

A course for teachers and administrators covering the nature, scope, materials, methods, organization, and administration of school safety education.

S555 (560). Problems of Driver Training and Testing. (2 cr.)

A course for instructors and administrators of automobile driving and testing. Stresses problems of motor traffic safety. Includes study of techniques for instructing "behind-the-wheel" student drivers and of administering skill tests. Dual-controlled cars are used by members of the class for both theory and laboratory work.

T590 (540). Introduction to Research in Health, Physical Education, and Recreation. (3 cr.)

The course explains, in nature and purpose, methods and techniques of research in these fields. Potential and completed problems are analyzed with a view to possible selection of topics. Standards are given for writing up research.

T591 (587). Interpretation of Data in Health, Physical Education, and Recreation. (3 cr.)

The elementary and essential statistical and graphical techniques for the analysis and interpretation of these data are explained. Practice upon actual data is the emphasis of the course.

T592 (687). Statistical Techniques of Research in Health, Physical Education, and Recreation. (3 cr.)

The theory of advanced statistical techniques is analyzed and discussed. Practical applications with actual data are included.

T593 (553). Public Relations. (2 cr.)

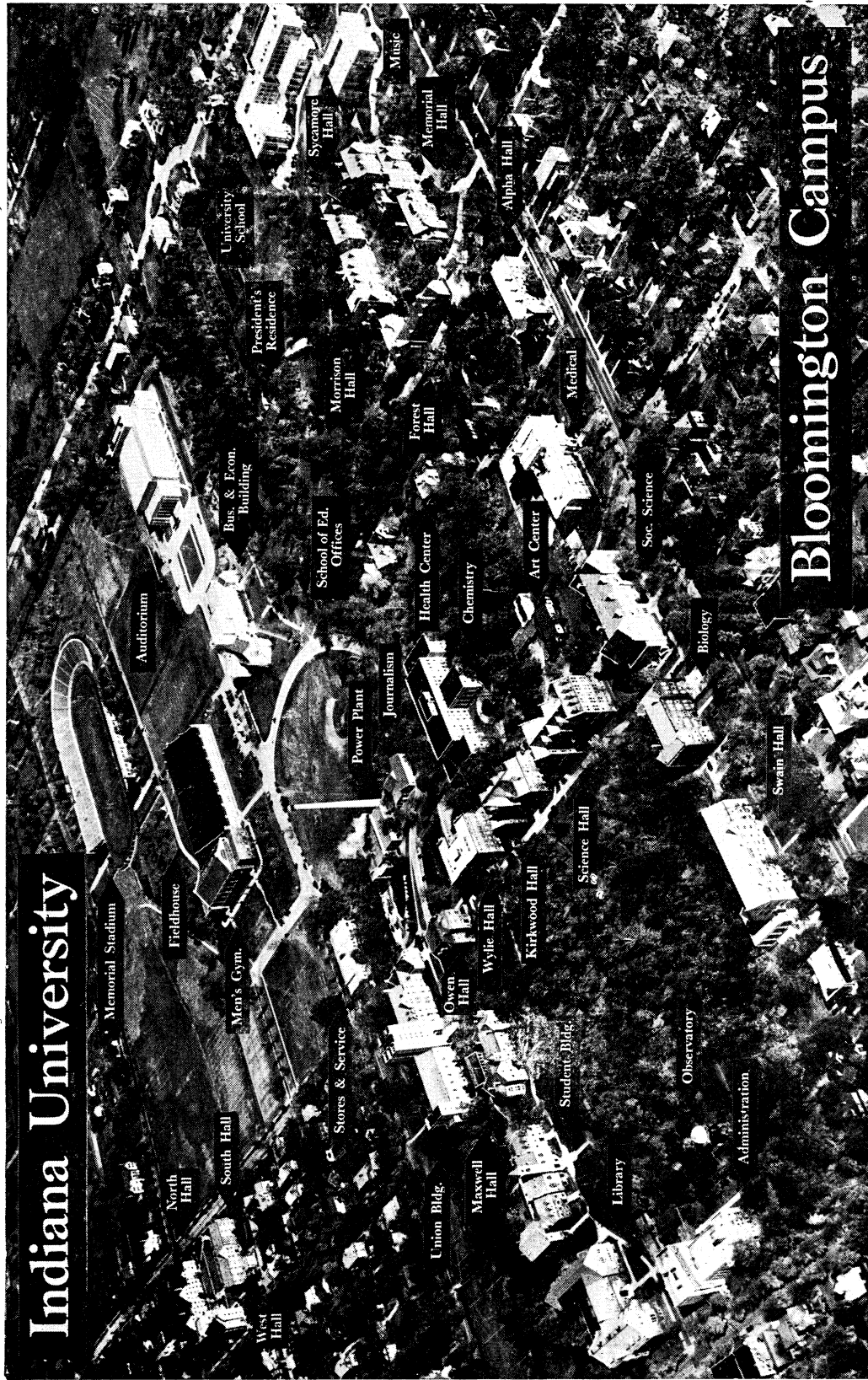
Study and demonstrations in the use of reports, charts, films, newspapers, radio, correspondence, public talks, interviews, conferences, office courtesies, and handling complaints. Personnel relationships are emphasized.

T690 (690). Field Problems. (Credit arranged.)

Planned field experience under supervision. Includes a practical research investigation in area of either physical education, health, or recreation.

T790 (790). Thesis in Health, Physical Education, or Recreation.
(Credit arranged.)

Indiana University



Bloomington Campus