

INDIANA UNIVERSITY BULLETIN

(OFFICIAL SERIES)



School
of
Health, Physical Education, and Recreation

(Organized in 1946)

Announcements, 1947-48

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.

INDIANA UNIVERSITY BULLETIN

(OFFICIAL SERIES)

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Bloomington, Indiana

February, 1947

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.

Calendar, 1947-48

Summer Session, 1947

June 18, 19Wednesday, Thursday.Registration and Enrollment.
June 19ThursdayClasses begin.
July 4FridayIndependence Day holiday.
August 15FridaySummer Session ends.
August 30SaturdayShort Session ends.

First Semester

1947
September 18-23Thursday-Tuesday ...Matriculation, registration, orientation of new Freshmen.
September 20-24Saturday-Wednesday.Registration of transfer students (not Freshmen) and old students.
September 22-24Monday-Wednesday...Enrollment, ALL students in order: graduate, Senior, Junior, Sophomore, Freshman.
September 25ThursdayClasses begin.
November 25Tuesday, 5:20 p.m...Thanksgiving recess begins.
December 1Monday, 7:30 a.m...Thanksgiving recess ends.
December 19Friday, 5:20 p.m...Holiday recess begins.
1948
January 5Monday, 7:30 a.m...Holiday recess ends.
January 26MondayFinal examinations begin.
February 3TuesdayFirst semester ends.

Second Semester

February 9-12Monday-Thursday ...Matriculation, registration, orientation of new Freshmen.
February 10-12Tuesday-Thursday ...Registration of transfer students (not Freshmen) and old students.
February 10-12Tuesday-Thursday ...Enrollment, ALL students, in order: graduate, Senior, Junior, Sophomore, Freshman.
February 13FridayClasses begin.
March 25Thursday, 12:20 p.m...Spring recess begins.
March 29Monday, 12:30 p.m...Spring recess ends.
May 31MondayMemorial Day holiday.
June 1TuesdayFinal examinations begin.
June 2WednesdayLast day for filing Senior grades.
June 9WednesdaySecond semester ends.
June 13SundayCommencement Day.

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Faculty of the School of Health, Physical Education, and Recreation, 1946-47

d 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., Treasurer.
THOMAS AUBREY COOKSON, Registrar, and Secretary of the Board of Trustees.
WILLARD WALTER PATTY, Ph.D., Dean of the School of Health, Physical
Education, and Recreation, and Professor of Health and Safety.

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.

ZORA GOODWIN CLEVINGER, Director of Intercollegiate Athletics, and Pro-
fessor of Physical Education for Men (on leave of absence, August 16,
1946, to June 30, 1947).

ALVIN NUGENT McMILLIN, Athletics Director, Professor of Physical Education
for Men, and Head Football Coach.
A.B., Centre College of Kentucky, 1937.

EDNA FRANCES MUNRO, Director of Department of Physical Education for
Women, and Associate Professor of Physical Education for Women.
A.B., Oberlin College, 1914; A.M., Columbia University, 1922.

Ret GARRETT G. EPPLEY, Associate Professor of Recreational Education, and
Consultant in Recreation for State Parks, Cities, and Schools.
A.B., Manchester College, 1919.

Ret KARL WEBBER BOOKWALTER, Director of Bureau of Service and Research,
and Associate Professor of Physical Education for Men.
A.B., University of Denver, 1925; A.M., Teachers College, Columbia University,
1928; Ed.D., New York University, 1939.

Ret GEORGE EZRA SCHLAFFER, Chairman, and Assistant Professor of Recreation.
Ph.B., North Central College, 1906; A.M., Indiana University, 1928.

Ret JANE FOX, Assistant Professor of Physical Education for Women.
B.S., Columbia University, 1927; M.S. in Ed., Indiana University, 1934.

Ret 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.

d MARJORIE PORTER PHILLIPS, Assistant Professor of Physical Education for
Women.
B.S., Boston University, 1931; M.S., Wellesley College, 1935; Ph.D., University
of Wisconsin, 1945.

PAUL JOHN HARRELL, Assistant Professor of Physical Education for Men, and
Baseball Coach.
B.S., Indiana University, 1931; M.S. in Ed., 1937.

- MARKHAM CHURR WAKEFIELD**, Chairman, and Assistant Professor of Physical Education for Men.
 A.B., Indiana University, 1920; A.M., Columbia University, 1932; Ed.D., Indiana University, 1944.
- EMMETT BRANCH MCCrackEN**, Instructor in Physical Education for Men, and Basketball Coach.
 B.S., Indiana University, 1930; M.S. in Ed., 1935.
- (Mrs.) **ELOISE CHUMLEY RIDDER**, Instructor in Physical Education for Women.
 A.B., MacMurray College for Women, 1936; M.S., University of Wisconsin, 1941.
- CARMEL ARTHUR TEMERARIO**, Instructor in Physical Education for Men, and Assistant Football Coach.
 B.S. in Ed., Geneva College, 1931; M.S. in Ed., Indiana University, 1938.
- JOHN PAUL KOVATCH**, Instructor in Physical Education for Men, and Assistant Football Coach.
 B.S., Northwestern University, 1938; A.M., 1942.
- NAOMI LAURA LEYHE**, Instructor in Physical Education for Women.
 B.S., University of Illinois, 1935; M.S., Wellesley College, 1938.
- GORDON R. FISHER**, Instructor in Physical Education for Men, and Track Coach.
 B.S., University of Minnesota, 1926; A.M., New York University, 1932.
- CLUM C. BUCHER**, Instructor in Physical Education for Men, and Assistant Dean of the Junior Division.
 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.
- OTTO RYSER**, Instructor in Physical Education for Men.
 B.S., Indiana University, 1941; M.S. in Ed., 1946.
- DEAN SUMMERS**, Instructor in Physical Education for Women.
 A.B., Indiana University, 1944.
- CHARLES ELMER MCDANIEL**, Instructor in Physical Education for Men, and Wrestling Coach.
 B.S., Indiana University, 1938.
- JOAN WICHMAN**, Instructor in Physical Education for Women.
 A.B., Oberlin College, 1941.
- MALCOLM JOHN MCLELLAND**, Instructor in Health and Safety, and Administrative Assistant to the Dean.
 B.S., Iowa State Teachers College, 1937; M.S. in Ed., Indiana University, 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.
- THOMAS MARSHALL DECKARD**, Instructor in Physical Education for Men, and Assistant Track Coach.
 B.S., Indiana University, 1939; M.S. in Ed., 1940.

WILLIAM SHERRILL JOHNSON, Instructor in Physical Education for Men, and
 x Assistant Basketball Coach.
 B.S., Indiana University, 1939.

JEROME THOMAS FEMAL, Part-time Instructor in Recreation.
 ✓ B.S., University of Wisconsin, 1935; M.S., 1942.

STAFF OF THE NORMAL COLLEGE, INDIANAPOLIS

FRANK JOHNSON WELCHER, Associate Professor of Chemistry in the Division
 of Adult Education.
 A.B., Indiana University, 1929; A.M., 1930; Ph.D., 1932.

(Mrs.) CLARA LEDIG HESTER, Director of the Normal College of the American
 Gymnastic Union of Indiana University, Assistant Professor of Physical
 Ret 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.

CHARLES EDWIN KIME, Lecturer in Anatomy.
 B.S., Indiana University, 1940; M.D., 1942.

CARL BROSIUS SPUTH, JR., Part-time Lecturer in First Aid.
 x B.S., Indiana University, 1938; M.D., 1941.

EMIL RINSCH, Instructor in Education and Social Sciences, and Librarian.
 Ret A.B., Indiana University, 1923; A.M., 1927.

FREDERICK OSCAR MARTIN, Instructor in Physical Education, and Dean of Men.
 ✓ B.S., Butler University, 1942.

JAMES URVIN RUNDLE, Instructor in English, College of Arts and Sciences.
 A.B., Knox College, 1933; A.M., University of New Mexico, 1938.

(Mrs.) MARGARET LEMASTERS ZIPERMAN, Instructor in English in the Division
 of Adult Education.
 A.B., American University, 1937; A.M., Indiana University, 1939.

JOSEPH SCHMUCKLER, Acting Instructor in English in the Division of Adult
 Education.
 A.B., Brooklyn College, 1944; A.M., Harvard University, 1946.

(Mrs.) ANNETTE PETERS SELDON, Acting Instructor in English in the Division
 of Adult Education.
 A.B., Indiana University, 1944; A.M., 1946.

GEORGE W. LIPPS, Part-time Instructor in Physical Education.

(Mrs.) LOLA LENNOX LOHSE, Part-time Instructor in Physical Education.
 ✓ B.S., Indiana University, 1939.

(Mrs.) CONSTANCE APOSTOL ZIMLICH, Part-time Instructor in Physical Edu-
 cation.
 B.S., Indiana University, 1934.

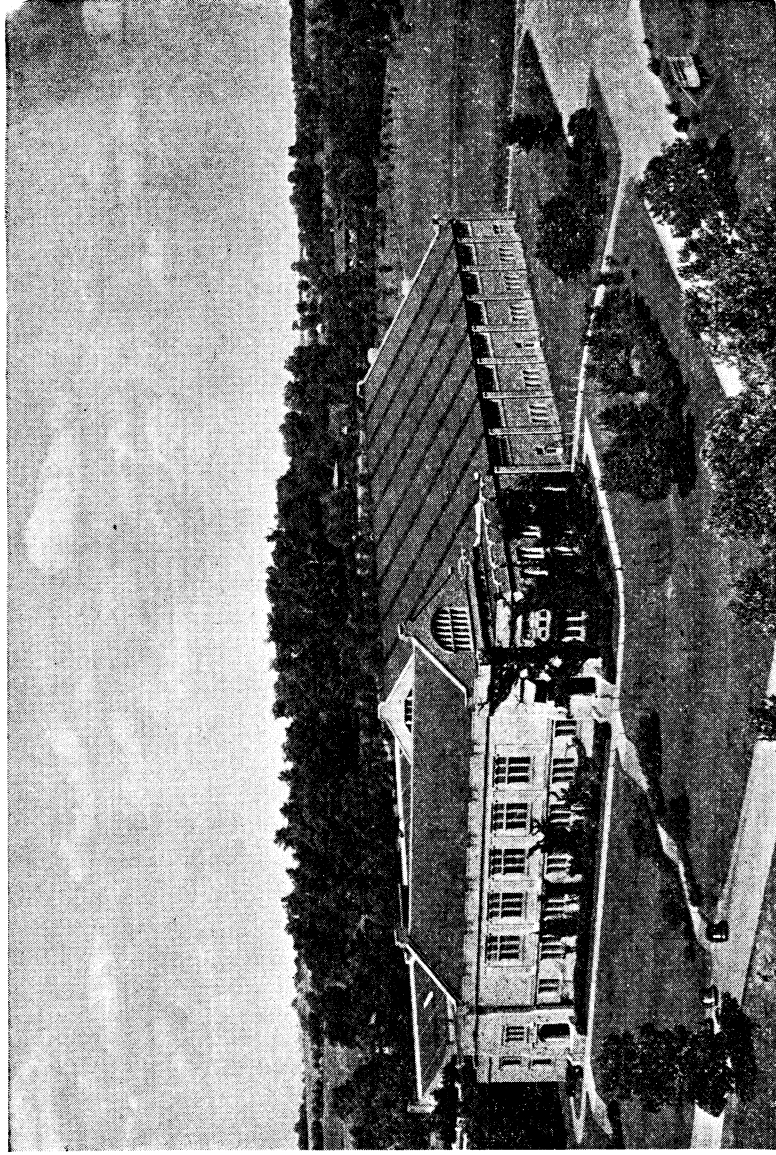
BYRON J. PARK, Part-time Instructor in Anatomy (second semester, 1946-47).
 A.B., DePauw University, 1946.

GRADUATE ASSISTANTS

AARON LOUIS ANDREWS, B.S.	ROBERT LEE HOLLAR, B.S. (first semester, 1946-47).
HOWARD STEVEN BROWN, B.S.	LEXIE HURL MILLS, B.S.
JACK REESE CARL, A.B.	WALTER JOHN MIKOLAJEK, B.S.
ZACHARY JACK CORNEA, B.S.	JOHN THOMAS MOAKE, B.Ed.
REX VIRGIL DARLING, B.Ed.	WARREN MERRILL STEELE, B.S.
JOHN ROBERT ENDWRIGHT, B.S.	DON ARLD VELLER, M.S. in Ed. (second semester, 1946-47).
CECIL CHARLES FRANKLIN, JR., M.S. in Ed.	(Mrs.) NAOMI LIEBL WAYNE, B.S.
MARVIN DEAN GROH, B.S.	

STAFF

BETTY L. HALSTEAD, Secretary-Recorder, Office of the Dean.
(Mrs.) MARY J. HIXON, Secretary, Department of Physical Education for Women.
(Mrs.) MARY PATTERSON, Secretary, Department of Athletics.
HENRY STEICHMANN, Recorder, and Assistant to the Treasurer.
IRENE TZOUANAKIS, Stenographer, Office of the Dean.
(Mrs.) ROSEMARY WARD, Stenographer, Office of the Dean.
(Mrs.) MARGARET WIGGS, Secretary, Department of Physical Education for Men.



The Men's Gymnasium and Field House 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 sanitarians and 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 licenses 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 who rank in the upper half of their graduating class 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 admission will be certified. Graduates of accredited high schools in other states are eligible for admission if they rank in the highest third of their graduating class. The number of nonresidents that can be admitted to the Junior Division on the Bloomington campus is limited, season by season, to conform to the available facilities of the University. It is wise for nonresidents interested in admission to ask the Admissions Office about these limitations.

Transcripts of high school credits should be sent to the Assistant Registrar in charge of Admissions 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 year's 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 Assistant Registrar in Charge of Admissions 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 other institutions.

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. A student who transfers from another educational institution and desires admission with advanced standing must also present to the Dean of the School of Health, Physical Education, and Recreation a transcript showing the time spent and the credits and grades secured in all subjects taken in each institution. 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 and placed upon the permanent record of the student transferring 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 extension 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

Four-Year Course Leading to First Grade Special High School Teacher's License and the B.S. Degree in Physical Education (for Women)*

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	Hours		Hours
Elementary Composition ..Eng. 101a	2	Elementary Composition ..Eng. 101b	2
General Chemistry .....Chem. 101a	5	Human Anatomy .....Anat. 114	5
First Aid .....HPER 190	2	Introductory Psychology ..Phy. 101a	
Physical Education	1	or	
Electives	6	Elementary Educational Psychology..	
		..... Ed. 111a	3
		Nature and Practice of Play	
		..... HPER 108	2
		Physical Education	1
		Electives	3

SOPHOMORE YEAR

Advanced Educational Psychology ..		Camp Counselors' Training Course ..	
..... Ed. 211	3	..... HPER 145	2
General Physiology ....Physiol. 103a	5	General Physiology Physiol. 103b	5
Technique	1	Technique	1
Physical Education	1	Physical Education	1
Electives	6	Electives	7

JUNIOR YEAR

Principles of Instruction in the High		Physical Examinations and Corrective	
School	3	Exercises .....HPER 229	3
Kinesiology .....HPER 207	3	Secondary Education Ed. 301	3
General and Individual Hygiene ...		History and Principles of Physical	
..... Hyg. 102	3	Education HPER 205	3
Technique	2	Group and Intergroup Hygiene ...	
Physiology of Exercise .Physiol. 207	3	..... Hyg. 203	3
Physical Education	1	Technique	1
Electives	1	The Teaching of High School Physi-	
		cal Education Ed. 322P.Ed.	2
		Physical Education	1

SENIOR YEAR

Organization of Health Education ..		Organization and Administration of	
..... HPER 441	2	Physical Education HPER 222	2
Organization of Community Recrea-		Supervised Teaching in High School	
tion HPER 221	2	Physical Education ..Ed. 426P.Ed.	3
Nutrition	2	Technique	1
Technique	1	The Teaching of High School Physi-	
Observation and Supervised Teaching		ology and Health (Hygiene) ...	
in Physical Education in the Ele-		..... Ed. 322P.He.	2
mentary Schools ....Ed. 226P.Ed.	3	Content Materials in Safety Educa-	
Theory of the Dance HPER 226	2	tion .....HPER 450	2
Physical Education	1	Physical Education	1
Electives	3	Electives	5

* The above major curriculum was in effect at the time this bulletin went to press. A special Curriculum Committee is working on desirable revisions. Minor changes, in order to comply with new state license requirements, will be decided upon by September, 1947.

Four-Year Course Leading to First Grade Special High School Teacher's License and B.S. Degree in Physical Education (for Men)*

This license is good for teaching and supervising physical education in any high school (junior or senior) and in any elementary school.

Students working toward this license and the B.S. degree in Physical Education will pursue the following pattern. Proper use of available electives of twenty-four hours will make it possible to acquire an additional academic teaching license under old and new secondary teacher certification patterns.

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	Hours		Hours
Elementary Composition ..Eng. 101a	2	Elementary Composition ..Eng. 101b	2
Football and Basketball Techniques	3	Nature and Practice of Play	2
.....HPER 230, 231	3	..... HPER 108	2
First Aid	2	Baseball, Track and Field Techniques	3
..... HPER 190	2	..... HPER 232, 233	3
Natural Gymnastics and Apparatus Technique	1	Natural Gymnastics and Apparatus Technique	1
.....HPER 138a	1	..... HPER 138b	1
Gymnasium Floor Technique (Marching)	1	Calisthenics	1
..... HPER 237a	1	..... HPER 237b	1
Military Training	1	Elementary Educational Psychology ..	3
Physical Education	1	..... Ed. 111a	3
Electives (Teaching Subject)	5	Military Training	1
		Physical Education	1
		Electives (Teaching Subject)	3

SOPHOMORE YEAR

Advanced Educational Psychology ..	3	Human Anatomy	5
..... Ed. 211	3	History and Principles of Physical Education	3
General Chemistry	5	..... HPER 205	3
..... Chem. 101a	5	Rhythmics Technique ..	1
Organization of Community Recreation	2	..... HPER 139	1
..... HPER 221	2	Swimming Technique ..	1
Minor Athletic Games Technique ..	1	..... Ed. 111a	1
..... HPER 136a	1	Minor Athletic Games Technique ..	1
Military Training	1	..... HPER 136b	1
Physical Education	1	Military Training	1
Electives (Teaching Subject)	3	Physical Education	1
		Electives (Teaching Subject)	3

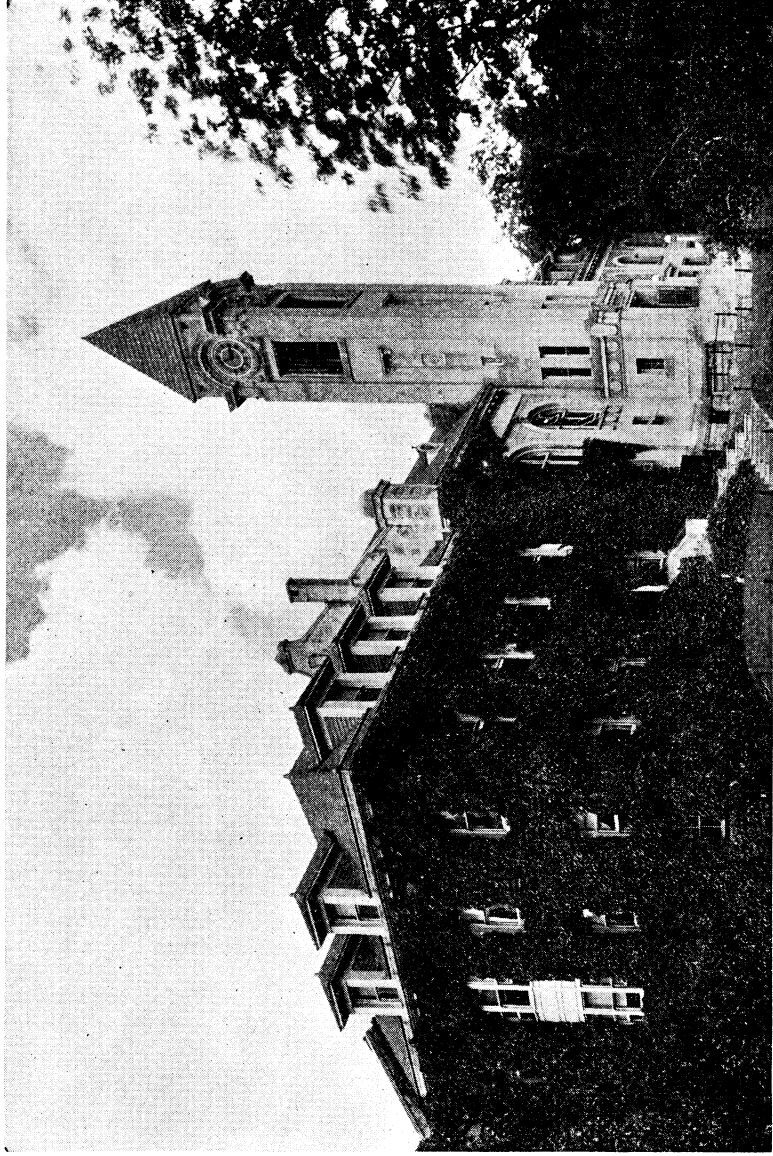
JUNIOR YEAR

Principles of Instruction in the High School	3	Secondary Education	3
..... Ed. 321	3	General Physiology	5
General Physiology	5	..... Physiol. 103b	5
..... Physiol. 103a	5	The Teaching of High School Physical Education	2
Kinesiology	3	..... Ed. 322P.Ed.	2
..... HPER 207	3	Physical Activity Conduct Technique ..	1
Nutrition	2	..... HPER 340b	1
..... H.Econ. 106	2	Physical Education	1
Physical Activity Conduct Technique ..	1	Electives (Teaching Subject)	4
..... HPER 340a	1		
Physical Education	1		

SENIOR YEAR

Observation and Supervised Teaching in Physical Education in the Elementary Schools	3	Supervised Teaching in High School Physical Education .. Ed. 426P.Ed.	3
..... Ed. 266P.Ed.	3	Physical Examinations and Corrective Exercises	3
Physiology of Exercise . Physiol. 207	3	..... HPER 229	3
Organization of Health Education ..	2	The Teaching of High School Physiology and Health (Hygiene)	2
..... HPER 441	2	..... Ed. 322P.He.	2
General and Individual Hygiene ..	3	Content Materials in Safety Education	2
..... Hyg. 102	3	..... HPER 450	2
Physical Education	1	Group and Intergroup Hygiene	3
Electives (Teaching Subject)	4	..... Hyg. 203	3
		Physical Education	1
		Electives (Teaching Subject)	2

* The above major curriculum was in effect at the time this bulletin went to press. A special Curriculum Committee is working on desirable revisions. Minor changes, in order to comply with new state license requirements, will be decided upon by September, 1947.



The Student Building is the center for skill training for advanced women majors in physical education.

Four-Year Course Leading to the B.S. Degree in Recreation with a Minor
in Speech (including Dramatics) (for Women)*

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	Hours		Hours
Elementary Composition .. Eng. 101a	2	Elementary Composition . Eng. 101b	2
Nature and Practice of Play		American Government ....Gov. 101b	3
..... HPER 108	2	Home Gardening	Bot. 120 2
Elementary Educational Psychology ..		Birds	Zool. 104 2
.....Ed. 111a	3	Social Problems	Soc. 101a 3
American Government	Gov. 101a 3	Basketball and Softball	
Volleyball and Speedball .....		..... HPER 115m and 118m	1
..... HPER 101m and 107m	1	Electives	3
Public Speaking	Spch. 102a 2		
Electives	3		

SOPHOMORE YEAR

Freshman English Literature		Principles of Sociology ...Soc. 101b	3
..... Eng. 102a	3	Camp Counselors' Training Course ..	
Crafts and Design	F.A. 162a 2	..... HPER 145	2
Nature Study—Trees	Bot. 117t 2	Advanced Educational Psychology ..	
Acting	Spch. 122a 3	..... Ed. 211	3
Organization of Community Recrea-		Stage Lighting and Make-up	
tion	HPER 221 2	..... Spch. 124	3
First Aid	HPER 190 2	Techniques of Graded Games and Rhyth-	
Technique of Fundamental Rhythms		ms for Children	
and Social Dance	HPER 144 1	..... HPER 241 and 243	1
Electives	1	Technique of Swimming HPER 244	1
		or	
		Technique of Archery and Golf ..	
		..... HPER 238	1
		Technique of Folk Dancing HPER 240	1
		Electives	2

JUNIOR YEAR

Principles of Instruction in High		The Teaching of High School Sub-	
School	Ed. 321 3	jects	Ed. 322 2
Discussion and Debate	Spch. 104 3	Recreational Music	Mus. 353 2
Recreational Crafts	HPER 117 2	Ethics of Democracy	Phil. 121 3
Appreciation of Music	Mus. 17a 2	Stagecraft	Spch. 228a 3
Technique of Team Sports HPER 235	2	Secondary Education	Ed. 301 3
Techniques of Stunts, Tumbling, and		Electives	3
Gymnastics	HPER 140 2		
Electives	2		

SENIOR YEAR

Principles and Practice in Directing		Guidance	Ed. 464 2
..... Spch. 234	3	Visual Education	Ed. 323 2
Writing for Publication ...Jour. 227	3	Content Material in Safety Education	
Introduction to Architecture and Con-		..... HPER 450	2
struction	Bus. 319 2	Business and Professional Speaking	
or		..... Spch. 204	2
The Community	Soc. 227 3	Supplementary Field Experience in	
Supervised Teaching in High School		Recreation	HPER 321 3
..... Ed. 426	2	Electives	4
Supplementary Field Experience in			
Recreation	HPER 321 3		
Electives	2 or 3		

* Similar curricula for both men and women, with a minor in art, music, natural science, and physical education, are available.

Four-Year Course Leading to the B.S. Degree in Public Health*
Option A. Sanitarians

FRESHMAN YEAR

<i>First Semester</i>			<i>Second Semester</i>		
		Hours			Hours
Social Problems	Soc. 101a	3	Principles of Sociology ..	Soc. 101b	3
English Composition	Eng. 101a	2	English Composition	Eng 101b	2
General Chemistry	Chem. 103a	5	General Chemistry	Chem. 103b	5
History of Western Europe	Hist. 101a	3	History of Western Europe	Hist 101b	3
Physical Education		1	Physical Education		1
Military		1	Military		1

SOPHOMORE YEAR

Organic Chemistry	Chem. 227	6	Public Speaking	Spch. 102a	2
Animal Biology	Zool. 103	5	Biological Chemistry	Dent. 109	5
American Government	Gov. 101a	3	American Government	Gov. 101b	3
Military		1	General Mathematics ...	Math. 104m	2
			Introductory Psychology ..	Psy. 101a	3
			Military		1

JUNIOR YEAR

General and Individual Hygiene	Hyg. 102	3	Elective		5
.....			General Physics	Phys. 101b	5
General Physics	Phys. 101a	5	Elementary Physiology ..	Physiol. 101	5
Principles of Economics ..	Econ. 101a	3			
Introductory Bacteriology ..	Bact. 252	5			

SENIOR YEAR

(Work taken at Medical Center, Indianapolis)

Epidemiology and Statistics	3	Sanitation Field Practice	10
Sanitation	6	Public Health Education Methods ..	3
Industrial Hygiene	2	Parasitology and Entomology	3
Public Health Administration includ- ing Public Health Law	2		
Milk and Food Control	3		

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

Four-Year Course Leading to the B.S. in Health Education*
Option B. Health Education

FRESHMAN YEAR

<i>First Semester</i>		<i>Second Semester</i>	
	Hours		Hours
English Composition	Eng. 101a 2 ✓	English Composition	Eng. 101b 2
General Chemistry	Chem. 101a 5 ✓	Animal Biology	Zool. 103 5 ✓
Social Problems	Soc. 101a 3 ✓	Principles of Sociology	Soc. 101b 3 ✓
American Government: Federal ..	Gov. 101a 3	American Government: State and Local	Gov. 101b 3
Military	1	Military	1
Physical Education	1	Physical Education	1

SOPHOMORE YEAR

Educational Psychology	Ed. 111a 3 ✓	Advanced Educational Psychology	Ed. 211 3
Principles of Economics	Econ. 101a 3	Principles of Economics	Econ. 101b 3
Public Speaking	Spch. 102a 2	Human Anatomy	Anat. 114 5
The Community	Soc. 227 3	Rural Local Government	Gov. 204 2
Elective	3	Physical Education	1
Physical Education	1	Military	1
Military	1		

JUNIOR YEAR

Economic History	Econ. 102 3	Public Speaking	Spch. 102b 2
General Physiology	Physiol. 103a 5	General Physiology	Physiol. 103b 5 ✓
General and Individual Hygiene	Hyg. 102 3 ✓	Group and Intergroup Hygiene	Hyg. 203 3
Secondary Education	Ed. 301 3 ✓	The Teaching of High School Social Studies	Ed. 322H.C. 2
Principles of Instruction in the High School	Ed. 321 3	The Teaching of High School Physiology and Health	Ed. 322P.He. 2
		† Elective	2

SENIOR YEAR

(Work taken at Medical Center, Indianapolis)

Public Health Administration and Law	3	Methods Material in Public Health Education	3
Sanitation	2	Public Health Field Practice	7
Community Health Education	3	Second Major Field Practice	3
Epidemiology	2	Supervised Teaching	Ed. 426 3
Methods and Materials in Public Health and Health Education	3		
Public Health Statistics	3		

* This curriculum is offered by the School of Health, Physical Education, and Recreation, with the Department of Public Health, School of Medicine. It qualifies the student to teach in Indiana as it conforms to Option C for Social Science and Option Z in Science, and was in effect at the time this bulletin went to press. A special Curriculum Committee is working on desirable revisions. Minor changes, in order to comply with new state license requirements, will be decided upon by September, 1947.

† Recommended elective in Junior year, Content Materials in Safety Education, HPER 450, two hours.

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.

MASTER OF SCIENCE DEGREE

1. A candidate for the Master of Science degree 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 M.S. degree 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 M.S. degree with a major in health and safety—twenty-four semester hours in such undergraduate courses as Anatomy, Physiology, Hygiene, Nutrition, or (and) Biology, Health and Safety.

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

3. 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.

4. 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.

5. All graduate students are required to complete the course HPER 540, Introduction to Research in Health, Physical Education, and Recreation, as part of their graduate study. It is recommended that the student take HPER 540 during his first semester in school when it is feasible to do so.

6. 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).

7. **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 extension 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.

8. **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 extension 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.

9. 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. A candidate for the Director degree must have met the general requirements for admission to graduate standing in the School of Health, Physical Education, and Recreation of Indiana University. He must have a baccalaureate degree equivalent to that degree granted by Indiana University through its various schools.

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 degree Director of Physical Education (P.E. Dir.), twenty-four semester hours in undergraduate courses required by Indiana University (or their equivalent) for a teaching subject in physical education.

(b) For the degree Director of Health and Safety (H.S. Dir.), twenty-four semester hours in such undergraduate courses as Anatomy, Physiology, Hygiene, Nutrition, or (and) Biology, Health, and Safety.

(c) For the degree Director of Recreation (Re. Dir.), twenty-four semester hours in such undergraduate courses as Sociology, Music, Fine Arts, Dramatics, Physical Education, or (and) Natural Sciences, and Games and Recreational Theory.

3. 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.

4. 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.

5. 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.

6. All graduate students are required to complete Course HPER 540, 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 540 during his first semester in school when it is feasible to do so.

7. 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).

8. **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.

(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 regular summer sessions or equivalent of residence on the campus is required.

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

THE DOCTORATE

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. **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.

6. **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 of 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.

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

8. **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 candidates. 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.

9. 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 the Junior Division and in the School of Health, Physical Education, and Recreation* who are legal residents of the state of Indiana are charged a fee of \$48.75 for fifteen semester hours of work.

Students who are not legal residents of the state of Indiana but who have been in attendance at Indiana University prior to the first semester of 1946-47 and who have established their status by the payment of the published out-of-state rate then in effect shall be charged a fee of \$67.50* for fifteen semester hours of work.

Students who are not legal residents of the state of Indiana and who are enrolled in the Junior Division and the School of Health, Physical Education, and Recreation* are charged a fee of \$153.75 for fifteen semester hours of work.

* 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 a \$15 practice teaching fee in the Sophomore year.

Fees for students carrying less than or more than the number of hours indicated will be calculated on an hourly basis.

The fee schedules include all fees collected by the University from students in this School, except the diploma fee (\$5), the typing rental charge (\$5 a semester) if a University machine is used, loss and breakage deposits, special activity fees in the Department of Physical Education for Women, and towel rental charge (\$1.50 for men, \$1 for women, each semester).

A student who withdraws may, within five days after withdrawal, upon presenting the proper withdrawal notice at the Cashier's office, procure the following refund:

Withdrawal during first or second semester: 75 per cent refund if withdrawal occurs within thirty days of date fees are due; 50 per cent refund if withdrawal occurs within sixty days of date fees are due; 25 per cent refund if withdrawal occurs within ninety days of date fees are due.

Withdrawal during summer session: 75 per cent refund if withdrawal occurs within fifteen days of date fees are due; 50 per cent refund if withdrawal occurs within thirty days of date fees are due; 25 per cent refund if withdrawal occurs within forty-five days of date fees are due.

After three weeks of classes, no student shall be allowed to withdraw from a course in order to enroll in a different course, except upon the recommendation of the Dean of the School or Division, and with the approval of the instructor of the course in which he enrolls.

All undergraduate students are subject to a penalty of one-half semester hour of credit for failure to enroll in two-thirds of their work on the day designated for enrollment in classes, or on the first day after registration if the registration is late. In case of such failure to enroll, an excuse should be filed in the office of the Dean of Students, to receive consideration by a committee on absence. If such excuse is not filed, credit will be deducted accordingly.

The enrollment card should be filed in the office of the Cashier by the tenth calendar day after the day of registration. Fees are payable when the enrollment card is filed. A penalty of \$1 will be charged for failure to pay fees and to file the card by the tenth calendar day after registration. This is a ruling of the Board of Trustees which applies to all students, including post-graduates and Faculty members. An additional penalty of twenty-five cents a day will be added for each day of delinquency, and the Student Affairs Committee may impose additional penalties. If fees are not paid within twenty days after registration, the Registrar's Office will notify the student that his registration is canceled as of that date and that a fee of \$10 will be charged for readmission.

Every student is required, at the time of registration, to have a picture taken by the Audio-Visual Center for records of various University offices. He is issued an original identification card, free of charge, containing his picture, name, address, and birth date, and is required to carry it on his person. To provide an additional

identification card, the University charges the student \$1 or \$2, depending upon the reason.

Expenses. The expenses of the student at Bloomington will vary according to his manner of living. During the present year the average cost of board and room (one-half of a double room) in the University Halls has been \$235 a semester, but no announcement can be made at this time as to rates for 1947-48.

Weekly rates for rooms in private residences vary from \$3 for half of a room to \$6 for a single room.

Rates for apartments for married students vary.

Inquiries concerning rooms should be addressed to the Central Housing Bureau, Administration Building, Indiana University, Bloomington Indiana.

Meals at the University Commons averaged \$1.36 a day during November, 1946.

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 Professor McMILLIN* ; Assistant Professor HARRELL* ; Instructors McCracken,* TEMERARIO, KOVATCH,* FISHER,* ROYER,*† MCDANIEL, COCHRANE, DECKARD,† JOHNSON.†

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 28,000 spectators, two large football practice fields, a baseball field, and ten tennis courts for men.

Indoor facilities includes 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.

Intercollegiate athletic contests are in charge of Professor Alvin Nugent ("Bo") McMillin, a well-known coach and director. Indiana is a member of the National Collegiate Athletic Association, the Indiana Intercollegiate Conference, and the Intercollegiate Conference of Faculty Representatives, popularly 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 maintained for teams and students. In every practicable

* Also teaches professional courses.

† Also teaches physical education service classes for men.

way the University endeavors to further the physical health and well-being of its students.

DEPARTMENT OF HEALTH AND SAFETY

Professor **PATTY**; Instructors **DANE** (Acting Chairman), **MCLELLAND**.

This Department is chiefly concerned with the professional preparation of technical workers in the field of health (such as sanitarians) 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 sanitarians and 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.

One of the recent developments in this Department is the course in orientation to flying. The growing interest in aviation makes the offering of careful and thorough ground training and flying instruction a necessary part of the University's program in the interest of safety. The beginning of this program of aviation training under contractual arrangement with local air fields was authorized by University officials in 1946.

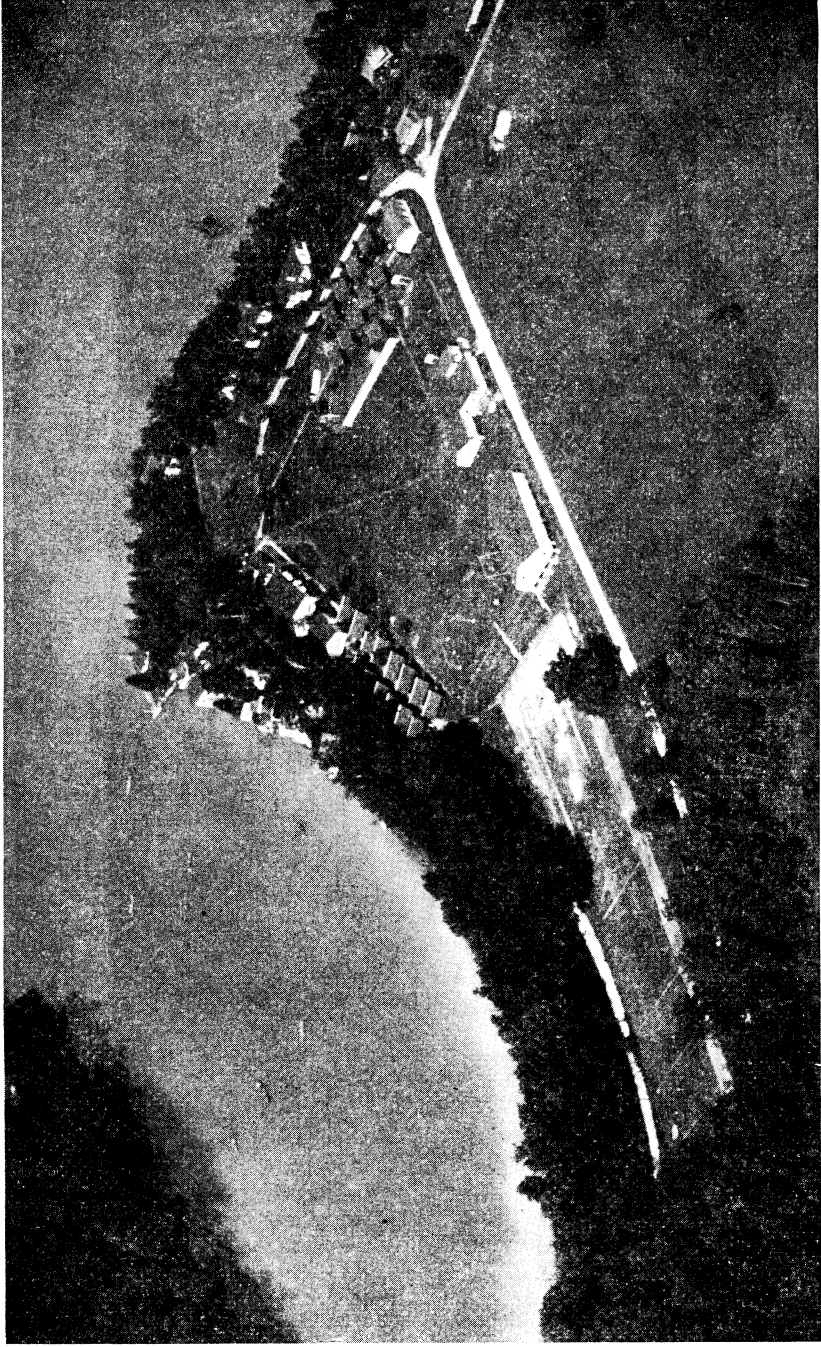
NORMAL COLLEGE OF THE AMERICAN GYMNASTIC UNION DEPARTMENT

Associate Professor **WELCHER**; Assistant Professor **HESTER** (Director of the Normal College and Dean of Women); Lecturer **KIME**; Part-time Lecturer **SPUTH**; Instructors **RINSCH**, **MARTIN** (Dean of Men), **RUNDLE**, **ZIPERMAN**; Acting Instructors **SCHMUCKLER**, **SELDON**; Part-time Instructors **LIPPS**, **LOHSE**, **ZIMLICH**.

[Of the above, Associate Professor Welcher, Instructor Ziperman, and Acting Instructors Schmuckler and Seldon are from the Faculty of the Division of Adult Education and Public Services; Instructor Rundle is from the Faculty of the College of Arts and Sciences.]

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 edu-



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

cation 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 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; Assistant Professors FOX, YEAKEL, PHILLIPS; Instructors RIDDER, LEYHE, SUMMERS, WICHMAN, COADY.

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, moderate, 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

Assistant Professor WAKEFIELD (Chairman); Instructors BUCHER, RYSER.

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; Assistant Professor SCHLAFFER (Chairman); Part-time Instructor FEMAL.

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

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 nearby 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 Associate Professor BOOKWALTER.

The chief functions of such a department would be 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 out-door 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.

Courses in the School of Health, Physical Education, and Recreation, 1947-48

Courses marked with one asterisk are open to men only; two asterisks, women only; no asterisks, both men and women.

*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.

**101. Volleyball. (1 cr.)

*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.

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

103Sp. Modern Dance. (1 cr.)

Open to both men and women who are seriously interested in advanced techniques in modern dance and in doing original work in dance composition under direction.

**104. Adapted Activities. (1 cr. each semester.)

Required of all undergraduates who need individual attention.

*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.

**106. Group Games and Exercises. (1 cr.)

**106Sp. Individual Gymnastics. (1 cr.)

Required of all undergraduates who need individual attention.

**107. Speedball. (1 cr.)

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.

**109. Graded Games. (1 cr.)

Required of candidates for an elementary school license.

**110. Swimming. (1 cr.)

**111. Tennis. (1 cr.)

**112. Golf. (1 cr.)

**113. Recreation Games. (1 cr.)

114. Adolescent Organizations and their Activities. (a) Boy Scouts. (b) Campfire Girls. (c) Girl Scouts. (d) 4-H Clubs. (e) Boys' Clubs. (1 cr. for each section, but no student may receive credit for more than two sections.)

Consideration is given to the nature and purpose of the organization; methods of organization; membership; activities and extent of program; national office, fees, officials, and publications. Practical experience in a number of phases will be stressed. Open to men and women.

- **115. Basketball. (1 cr.)

- **116. Hockey. (1 cr.)

117. Recreational Crafts. (Credit arranged.)

Handcraft suitable for the playground, camp and community centers; clay modeling, carving, weaving, braiding, etching, wood-working, reed and raffia, wood burning, toy making, linoleum cutting and printing, leather stamping, serpentine modeling, making of masks, etc. Open to men and women.

- **118. Softball. (1 cr.)

- **119. Archery. (1 cr.)

- **121. Graded Rhythmic Activities. (1 cr.)

Required of candidates for an elementary school license.

122. Honorary Athletic Fraternity: Sigma Delta Psi.

A national fraternity requiring successful completion of an all-round performance on a variety of physical tests. Comparable in the field of physical performance to Phi Beta Kappa in the field of intellectual superiority. Certificate and key awarded on payment of fee after standards are met. Open to all men students.

- **123. Horseback Riding. (1 cr.)

- **124. Bowling. (1 cr.)

- **125. Social Dancing. (1 cr.)

- **126. Folk Dancing. (1 cr. each semester.)

- **127. Tap Dancing. (1 cr. each semester.)

- **128. Badminton. (1 cr.)

- *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.

- *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 manoeuvres is emphasized throughout along with placing a premium on speed, skill, and leverage.

- *136. Techniques of Minor Athletic Games. 136a. (1 cr.) 136b. (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.

*138. Natural Gymnastics and Apparatus Technique. 138a. (1 cr.)
138b. (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.

*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.

**140. Techniques of Stunts, Tumbling, and Gymnastics. (2 cr.)

**142. Gymnastics. (1 cr.)

**144. Technique of Fundamental Rhythms and Social Dance. (1 cr.)

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

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 the medical background for all procedures. Emphasis is placed on things not to do.

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

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

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

Open to men and women. 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.

**206. Red Cross First Aid. (1 cr.)

207. Kinesiology. (3 cr.)

Prerequisite, Anatomy 114. Open to men and women. 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.

221. Organization of Community Recreation. (2 cr.)

Open to men and women; required of all Senior majors in physical education. Community-wide recreation activities; indoor and outdoor play areas, with special emphasis on outdoor theaters, recreation equipment, organization of musical festivals, play festivals, drama and pageantry, ceremonies, athletics carnivals, picnics, seasonal socials, hikes, parades, etc.

**222. Organization and Administration of Physical Education. (2 cr.)

Prerequisite, HPER 205.

****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.

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

Prerequisites, Anatomy 114 and Kinesiology (HPER 207). 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.

***230, 231. Football and Basketball. (3 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. 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.

***232, 233. Baseball, Track and Field. (3 cr.)**

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

****235. Technique of Team Sports. (2 cr.)**

****236. Technique of Assisting. (2 cr.)**

***237a. Gymnasium Floor Technique (Marching). (1 cr.)**

Required of all Juniors and required of all Seniors not having had the course. Facings and marchings in single file are explained, demonstrated, and executed. Students work with progressively larger groups, finally handling the entire class. Silent drills for demonstration purposes culminate the work.

***237b. Calisthenics. (1 cr.)**

The theory of conditioning or free exercises, methods and nomenclature. Positions, exercises, and drills studied and practiced for progressively larger groups. Finally each student instructs the class. Required of all Juniors, and of all Seniors not having had the course.

****238. Techniques of Archery and Golf. (1 cr.)**

****239. Technique of Tap Dancing. (1 cr.)**

****240. Technique of Folk Dancing. (1 cr.)**

****241. Technique of Graded Games and Rhythms for Children. (1 cr.)**

****242. Technique of Modern Dancing. (1 cr.)**

****243. Rhythms for Children. (1 cr.)**

****244. Technique of Swimming. (1 cr.)**

****245. Technique of Advanced Tennis. (1 cr.)**

****250. Advanced Technique. (6 cr.)**

*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.

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.

*330-333. Advanced Undergraduate Technique in Football, Basketball, Baseball, Track and Field. (Credit arranged.)

*334-339. Advanced Undergraduate Technique in Swimming, Wrestling, Minor Athletic Games, Floor Apparatus, and Rhythmics. (Credit arranged.)

*340. Physical Activity Conduct Technique. (a) Inside activities.
(b) Outside activities. (2 cr.)

Required of Seniors taking Option F for a teacher's license. 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.

350. Orientation to Flying. (1 cr.)

Emphasis in the course will be upon safety and safe operation of aircraft. It will include approximately seven hours of ground school and ten hours of flight training.

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. For Senior majors in physical welfare training. Open to Juniors by special permission.

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. For Seniors taking a major in physical education.

444. Administration, Organization, and Supervision of Physical Education and Recreation. (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. For Seniors taking a major in physical education.

450. Content 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.

Teachers' Courses

Education 226P.Ed. Observation and Supervised Teaching in Physical Education in the Elementary Schools. (3 cr.)

Designed to give the student, through observation, participation, and classroom teaching, experience in the teaching of physical education in the elementary school. Classroom responsibilities are developed as rapidly as the student shows the ability to handle the school work.

Education 322P.Ed. The Teaching of High School Physical Education. (2 cr.)

See the Bulletin of the School of Education for prerequisites.

Education 322P.Hc. The Teaching of High School Physiology and Health (Hygiene). (2 cr.)

Intended specifically for regular elementary school teachers. Includes a consideration of both content and methods of health and safety instruction in grades from the kindergarten through the eighth grade. Sources of instructional materials are stressed.

Education 327H.S. The Teaching of Health and Safety Education. (2 cr.)

Education 426P.Ed. Supervised Teaching in High School Physical Education. (3 to 6 cr.)

Graduate Courses

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.

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.

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.

542. The Physical Education Curriculum. (2 cr.)

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

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

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

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.

545. Organization and Administration of Playgrounds and Recreation. (3 cr.)

Deals with city problems as related to play and recreation, city planning for recreation, powers and liabilities, organization and administration of department of recreation, programs, leagues, tournaments, equipment, and supplies. Actual practical problems and situations are studied.

546. Problems in Physical Examinations and Corrective Exercises. (2 cr.)

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. Prerequisite, HPER 229 or its equivalent.

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

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. Prerequisite, practical coaching experience.

548. Administration of Competitive 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.

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.

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. Much of the course is on an activity basis.

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.

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.

571. School Health Surveys. (2 cr.)

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

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.

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.

645. Play and Recreation Surveys. (3 cr.)

Study of community surveys in general and of standard recreation surveys; preparation of charts and methods of learning activities of children in a certain locality; interpretation and evaluation of data assembled; development of activity programs for a community, based on total survey data; development of an All-Community Score Chart.

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.

649. Community Centers, Fieldhouses, and Their Programs. (2 cr.)

A study of typical centers and fieldhouses; mandatory and permissive state statutes and local ordinances bearing on their operation; administration, facilities, activities, and agencies; rules and regulations; and social, educational, and civic recreational programs. Also includes practical work in recreational crafts and social recreation.

687. Statistical Techniques of Research in Health, Physical Education, and Recreation. (2 cr.)

The more advanced statistical techniques are treated through correlation. Practice upon actual data is included.

690. Field Problems. (Arr.)

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

715. Seminar in Health. (Credit arranged.)

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

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

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

717. Seminar in Recreation. (Credit arranged.)

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

740. Thesis Problems. (3 cr.)

Open to Doctor's candidates or to graduates writing a Master's thesis. Research methods, techniques, and problems will be critically analyzed by and for the group.

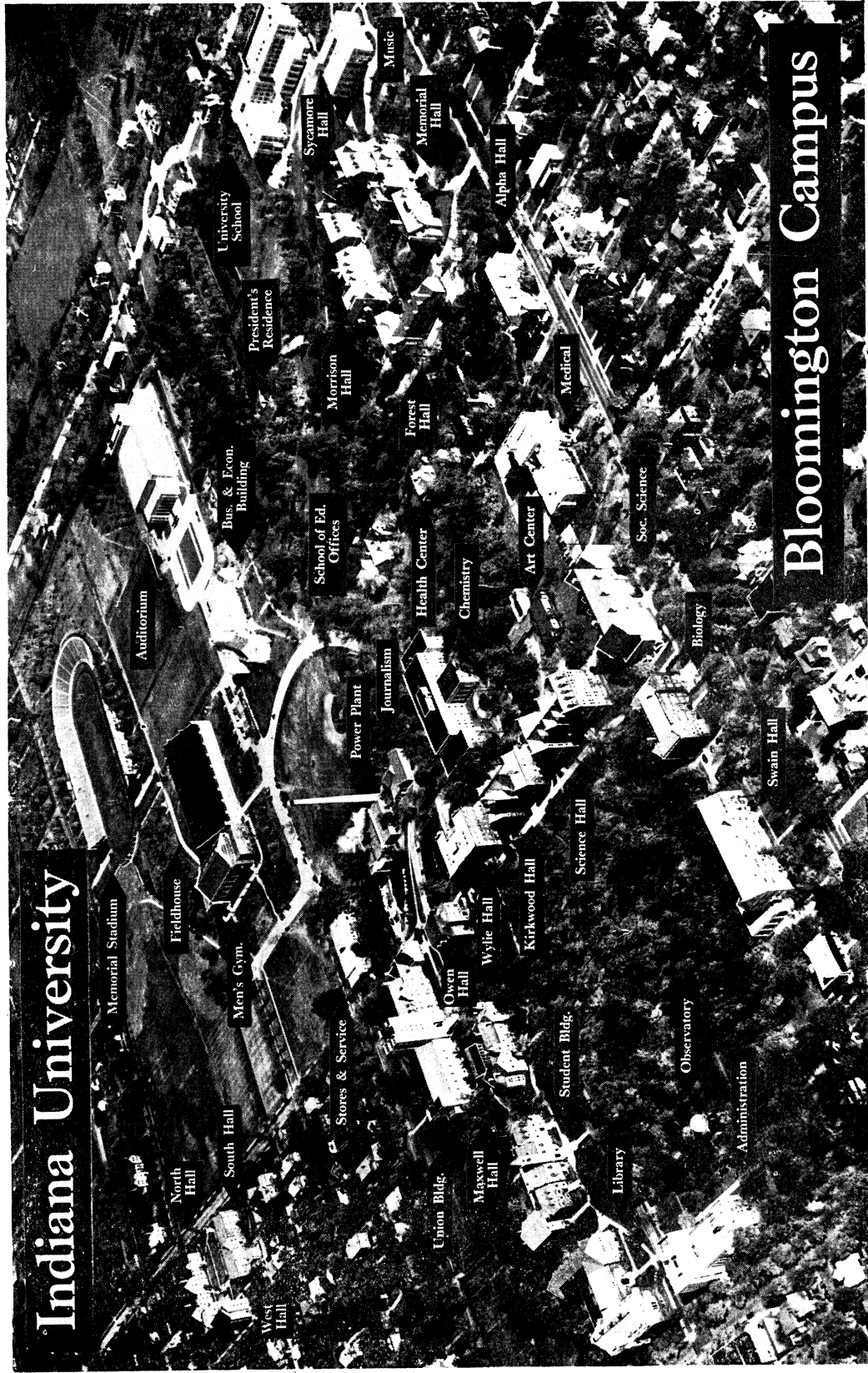
745. Research in Health Education. (Arr.)

746. Research in Physical Education. (Arr.)

747. Research in Recreation. (Arr.)

790. Thesis in Health, Physical Education, or Recreation. (Arr.)

Indiana University



Bloomington Campus