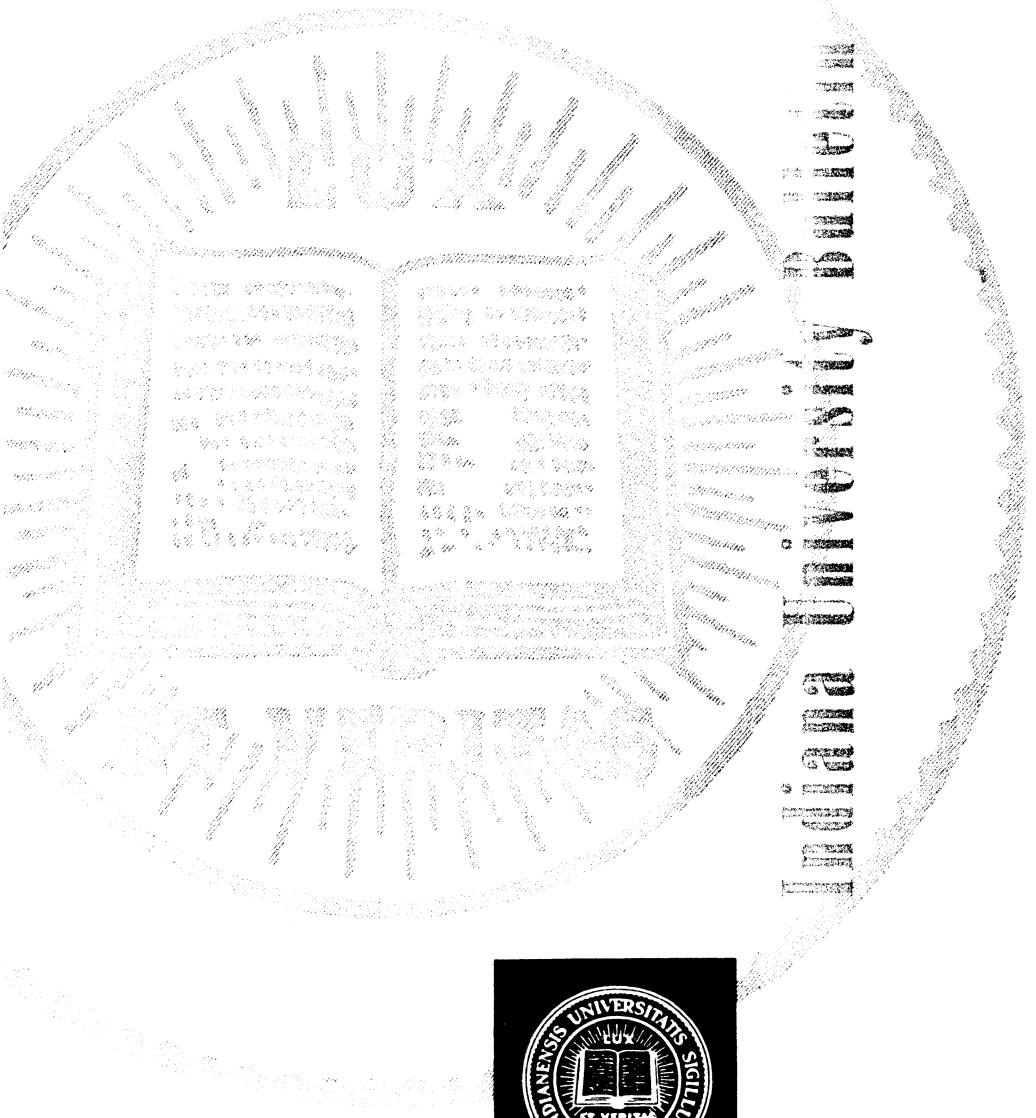

Announcements, 1957-58

SCHOOL OF HEALTH, PHYSICAL EDUCATION, AND RECREATION

INDIANA UNIVERSITY BULLETIN

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Vol. LV, No. 2 Bloomington, Indiana January 10, 1957

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 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 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 for many years have been developing programs of service physical education courses, intramural sports, and recreational training.

For further information concerning degree requirements, write to the Office of the Dean, School of Health, Physical Education, and Recreation, Indiana University, Bloomington, Indiana. On the Bloomington campus the general Office of the School is located in Alpha Hall on Forest Place. The campus phone number is 6811, Extension 361.

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Calendar, 1957-58

First Semester, 1957-58

September 9	Monday, 8 a.m.	New student meeting (Junior Division)
September 11	Wednesday, 9 a.m.	New student meeting (transfer and graduate)
September 9-12	Monday-Thursday	Counseling
September 13, 14	Friday, Saturday	Registration and enrollment
September 16	Monday, 7:30 a.m.	Classes begin
November 1	Friday	Mid-term reports due
November 22	Friday, 5:20 p.m.	Thanksgiving recess begins
December 2	Monday, 7:30 a.m.	Thanksgiving recess ends
December 20	Friday, 5:20 p.m.	Christmas recess begins
January 6	Monday, 7:30 a.m.	Christmas recess ends
January 17	Friday, 5:20 p.m.	Classes end
January 18	Saturday	Reading day
January 20	Monday, 7:30 a.m.	Examinations begin
January 27	Monday, 5:15 p.m.	Examinations end

Second Semester, 1957-58

January 28	Tuesday	New student meetings
January 29, 30	Wednesday, Thursday	Counseling
January 31, February 1	Friday, Saturday	Registration and enrollment
February 3	Monday	Classes begin
March 21	Friday	Mid-term reports due
April 2	Wednesday, 5:20 p.m.	Spring recess begins
April 10	Thursday, 7:30 a.m.	Spring recess ends
May 7	Wednesday	Founders' Day*
May 23	Friday, 5:20 p.m.	Classes end
May 24	Saturday	Reading day
May 26	Monday, 7:30 a.m.	Examinations begin
May 30	Friday	Memorial Day holiday
June 3	Tuesday, 5:15 p.m.	Examinations end
June 9	Monday, 10 a.m.	Commencement

Summer Sessions, 1958

Eight weeks

June 11	Wednesday	New student meetings
June 12	Thursday	Counseling
June 13	Friday	Registration and enrollment
June 14	Saturday, 7:30 a.m.	Classes begin†
July 4	Friday	Independence Day holiday
August 8	Friday, 5:20 p.m.	Classes end

Three weeks

August 7	Thursday	Counseling
August 8	Friday, 2-5 p.m.	Registration and enrollment
August 9	Saturday, 7:30 a.m.	Classes begin
August 23	Saturday, 5:20 p.m.	Classes end

* 9:30, 10:30, 11:30, and 12:30 classes do not meet.

† Friday classes meet.

Faculty* of the School of Health, Physical Education, and Recreation, 1956-57

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

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

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

JOHN WILLIAM ASHTON, Ph.D., LL.D., Vice-President, and Dean of Student and Educational Services.

WENDELL WILLIAM WRIGHT, Ph.D., Vice-President, and Director of Administrative Studies and Institutional Relations.

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

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

FRANK EMERSON ALLEN, A.M., Director of Athletics.

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

GEORGE EZRA SCHLAFER, A.M., Assistant Professor Emeritus of Recreation.

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

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

KARL WEBBER BOOKWALTER, Director of the Bureau of Service and Research, and Professor of Physical Education for Men.

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

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

A.B., Manchester College, 1919; A.M., University of Chicago, 1947; Ed.D., New York University, 1953.

MARJORIE PORTER PHILLIPS, Professor of Physical Education for Women.

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

REYNOLD EDGAR CARLSON, Professor of Recreation.

A.B., University of California, 1925; A.M., 1936.

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

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

PAUL JOHN HARRELL, Co-ordinator of Athletics Facilities Planning, and Associate Professor of Physical Education for Men.

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

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* The faculty of the Graduate Division of the School of Health, Physical Education, and Recreation consists of Dean PATTY; Professors BOOKWALTER, EPPLEY, PHILLIPS, CARLSON; Associate Professors WAKEFIELD, SLATER-HAMMEL, RASH, DAUGHERTY, YEAKEL; Assistant Professors DANE, COUSINS, RYSER, LUDWIG, DEPPE, TULLY; Part-time Lecturer SCHELLIE.

MARKHAM CHURR WAKEFIELD, Chairman, and Associate Professor of Physical Education for Men.
A.B., Indiana University, 1920; A.M., Columbia University, 1932; Ed.D., Indiana University, 1944.

ARTHUR THOMAS SLATER-HAMMEL, Associate Professor of Physical Education for Men.
A.B., Oberlin College, 1938; A.M., 1939; Ph.D., State University of Iowa, 1947.

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

BERNARD ANTHONY CRIMMINS, Head Football Coach, and Associate Professor of Physical Education for Men (resigned January 1, 1957).
B.S., University of Notre Dame, 1942.

JESSE KEOGH RASH, Chairman, and Associate Professor of Health and Safety (on leave of absence, 1956-57).
A.B., William Penn College, 1928; A.M., Y.M.C.A. Graduate School (Nashville, Tenn.), 1933; H.S.Dir., Indiana University, 1948; H.S.D., 1949.

EMMETT BRANCH MCCRACKEN, Head Basketball Coach, and Associate Professor of Physical Education for Men.
B.S., Indiana University, 1930; M.S. in Ed., 1935.

JOHN BLANCHARD DAUGHERTY, Associate Professor of Physical Education for Men.
Ph.B., Dickinson College, 1933; A.M., New York University, 1948; Ph.D., 1950.

HELEN LYDIA YEAKEL, Associate 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.

CLUM C. BUCHER, Associate Dean of the Junior Division, and Assistant Professor of Physical Education for Men.
A.B., Indiana University, 1929; M.S. in Ed., 1933.

GORDON R. FISHER, Head Track Coach, and Assistant Professor of Physical Education for Men.
B.S., University of Minnesota, 1926; A.M., New York University, 1932.

ROBERT ARCHIE ROYER, Swimming Coach, and Assistant Professor of Physical Education for Men.
A.B., Indiana University, 1928.

NAOMI LAURA LEYHE, Assistant Professor of Physical Education for Women.
B.S., University of Illinois, 1935; M.S., Wellesley College, 1938; P.E.D., Indiana University, 1955.

C. WESLEY DANE, Assistant Professor of Health and Safety (on leave of absence, 1956-57).
B.S., Springfield College, 1928; M.Ed., 1941; H.S.Dir., Indiana University, 1947.

GEORGE FORBES COUSINS, Assistant Professor of Physical Education for Men.
B.Ed., Western Illinois State College, 1943; M.S. in Ed., 1948; P.E.Dir., Indiana University, 1951; P.E.D., 1951.

OTTO ELMER RYSER, Gymnastics Coach, and Assistant Professor of Physical Education for Men.
B.S., Indiana University, 1941; M.S. in Ed., 1946; P.E.Dir., 1949; P.E.D., 1953.

DONALD JAMES LUDWIG, Acting Chairman, and Assistant Professor of Health and Safety.
A.B., Oberlin College, 1935; A.M., Teachers College, Columbia University, 1941; P.E.Dir., Indiana University, 1951; H.S.Dir., 1952; H.S.D., 1953.

THEODORE ROBERT DEPPE, Assistant Professor of Recreation.
B.S., University of Wisconsin, 1946; M.S., 1947; Re.Dir., Indiana University, 1952; Re.D., 1953.

ROBERT WARREN TULLY, Assistant Professor of Recreation.
A.B., Manchester College, 1931; A.M., Claremont Graduate School, 1943; Re.Dir., Indiana University, 1953.

DOROTHY DEAN SUMMERS, Instructor in Physical Education for Women.
A.B., Indiana University, 1944; M.S. in Ed., University of Wisconsin, 1946; P.E.D., Indiana University, 1956.

CHARLES ELMER MCDANIEL, Head Wrestling Coach, Assistant Football Coach, and Instructor in Physical Education for Men.
B.S., Indiana University, 1938; M.S. in Ed., 1949.

OWEN LOVEJOY COCHRANE, JR., Assistant Football Coach, and Instructor in Physical Education for Men.
B.S., Kansas State College of Agriculture and Applied Science, 1930.

JOHN ROBERT ENDWRIGHT, Administrative Assistant to the Dean of the School of Health, Physical Education, and Recreation, and Instructor in Physical Education for Men.
B.S., Indiana University, 1946; M.S. in P.Ed., 1947.

ERNEST HENRY ANDRES, JR., Head Baseball Coach, Assistant Basketball Coach, and Instructor in Physical Education for Men.
B.S. in P.Ed., Indiana University, 1950; M.S. in P.Ed., 1952.

(Mrs.) MILDRED JANET MACLEAN, Campus Recreation Consultant, and Instructor in Recreation.
B.S., University of Vermont, 1938; M.S. in Rec., Indiana University, 1953; Re.Dir., 1956.

DALE ANDERSON LEWIS, Tennis Coach, and Instructor in Physical Education for Men.
B.S., Utah State Agricultural College, 1944; M.S., 1948; P.E.Dir., Indiana University, 1948.

JANET ELIZABETH MCAULEY, Instructor in Physical Education for Women.
A.B., University of Chicago, 1945; B.S., University of Illinois, 1948; M.S. Wellesley College, 1950.

ROBERT LOUIS STUMPNER, Assistant Swimming Coach, and Instructor in Physical Education for Men.
Ph.B., University of Wisconsin, 1943; M.S., Indiana University, 1948; P.E.Dir., 1949.

CHRIS CARL DAL SASSO, Assistant Football Coach, and Instructor in Physical Education for Men.
B.S., Indiana University, 1937; M.S. in Ed., 1939.

ROBERT E. FITCH, Assistant Football Coach, and Instructor in Physical Education for Men.
B.S., University of Minnesota, 1942; A.M., State University of Iowa, 1950; P.E.D., Indiana University, 1956.

ROBERT C. MADDOCK, Assistant Football Coach, and Instructor in Physical Education for Men.
B.S., University of Notre Dame, 1942.

SAM NEWBERG, Instructor in Physical Education for Men.
A.B., Iowa State Teachers College, 1947; M.S. in Health and Safety, Indiana University, 1950; H.S.Dir., 1952.

HILDA ANNE SHERWIN, Instructor in Physical Education for Women.
B.S., Woman's College of the University of North Carolina, 1949; M.Ed., 1953.

HOWARD KENNETH BROWN, Head Freshman Football Coach, and Instructor in Physical Education for Men.
B.S. in P.Ed., Indiana University, 1948; M.S. in P.Ed., 1953.

(Mrs.) MARGARET JEAN MOSES DORST, Instructor in Physical Education for Women.
A.B., University of Redlands, 1954.

LOUIS CHARLES WATSON, Freshman Basketball Coach, Assistant Baseball Coach, and Instructor in Physical Education for Men.
B.S. in P.Ed., Indiana University, 1950; M.S. in P.Ed., 1952.

(Mrs.) MARY ANN COBB, Instructor in Physical Education for Women.
B.S., Henderson State Teachers College, 1951; M.Ed., Texas Technological College, 1954.

WILLIAM THOMAS BRENNAN, Instructor in Health and Safety.
B.S. in Ed., Northern Illinois State Teachers College, 1942; M.P.H., University of North Carolina, 1954.

KENNETH EDWIN KARL, Assistant Football Coach, and Instructor in Physical Education for Men (to January 31, 1957).
B.S., Franklin and Marshall College, 1948.

JAMES ARTHUR LAVERY, Assistant Track Coach, and Instructor in Physical Education for Men.
B.S. in Ed., Drake University, 1952; M.S. in Rec., Indiana University, 1954; Re.Dir, 1955; P.E.Dir., 1956.

GEORGE RUDOLPH TERLEP, Assistant Football Coach, and Instructor in Physical Education for Men (to January 31, 1957).
B.S., University of Notre Dame, 1949.

JEROME THOMAS FEMAL, Part-time Instructor in Recreation.
B.S., University of Wisconsin, 1935; M.S., 1942; Re.Dir., Indiana University, 1956.

BERNARD I. LOFT, Visiting Lecturer in Health and Safety.
B.S., Pennsylvania State Teachers College (West Chester), 1939; A.M., University of Florida, 1949; H.S. Dir., Indiana University, 1956.

CLAUDE HAROLD VEENKER, Visiting Lecturer in Health and Safety.
A.B., Iowa State Teachers College (Cedar Falls), 1943; A.M., Colorado State College of Education, 1953; H.S.Dir., Indiana University, 1956.

KENNETH L. SCHELLIE, Part-time Lecturer in Recreation (first semester, 1956-57).
B.S., University of Illinois, 1930.

STAFF OF THE NORMAL COLLEGE, INDIANAPOLIS

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

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

FREDERICK OSCAR MARTIN, Dean of Men, and Instructor in Physical Education.
B.S., Butler University, 1942; M.S. in P.Ed., Indiana University, 1950.

(Mrs.) LOLA LENNOX LOHSE, Instructor in Health and Physical Education.
B.S., Indiana University, 1939; M.S. in Health and Safety, 1955.

CARL BROSIUS SPUTH, JR., Lecturer in First Aid (second semester, 1956-57).
B.S., Indiana University, 1938; M.D., 1941.

JOHN FRANKLIN SCHRODT, JR., Lecturer in English, Division of Adult Education and Public Services.
A.B., Evansville College, 1949; M.S. in Ed., Indiana University, 1950.

MARGARET DUNHAM, Lecturer in Nutrition (first semester, 1956-57).
B.S., University of Alberta, 1938; M.S., Western Reserve University, 1949.

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. Preparing graduate students for promotional, supervisory, administrative, and instructional work in colleges, universities,

* Sponsored jointly with the School of Dentistry.

† **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 Ten) Conference regulations.**

state departments, schools, states, and communities in fields of health, safety, athletics, physical education, and recreation.

8. Training research workers in health, safety, athletics, physical education, public health, and recreation areas of investigation.
9. Carrying on research concerning the problems associated with the various phases of the program of the School.
10. Conducting such special activities as health workshops, recreation institutes, safety conferences, physical education demonstrations and seminars, and athletic coaching clinics.
11. Giving consultant services to workers in the various areas within the scope of the programs of the school conducting surveys. Furnishing information upon request.

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

Graduates who complete teacher training curricula are eligible for certificates issued by the Indiana Teacher Training and Licensing Commission.

Placement. Through the co-operation of the Bureau of Educational Placement 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 co-operation 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 sponsors institutes dealing with various phases of recreation and a School and Community Health Workshop. The School plans to provide for conferences, workshops, short-course seminars, and coaching schools annually in its program.

ADMISSION OF UNDERGRADUATES

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

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

to be arranged with the Dean of the Junior Division before the opening of the semester in which they begin attendance. Graduates of accredited high schools in other states are considered for admission if they rank high in their graduating class.

Transcripts of high school credits should be sent to the Associate Registrar for 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 year's work or more 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 Associate Registrar for 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 each college or university attended.

The School of Health, Physical Education, and Recreation will accept students from the Junior Division who have completed twenty-five semester hours of course work. An average grade of C or above is expected. A student may be admitted to the School of Health, Physical Education, and Recreation on probation, subject to the approval of the Admissions Committee. At the time they enter the Junior Division, those students who plan to enter the School of Health, Physical Education, and Recreation should consult the Junior Division Faculty Counselor from the School for approval of admission and for guidance as to the courses they should take during the freshman year.

Advanced credit toward the B.S. degree may be granted to students from approved institutions for courses taken therein, provided such courses have a status of college grade in such institutions and are equivalent to courses offered in Indiana University. In completing the work for the B.S. degree, each 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 accreditment, a tentative evaluation of credits available for transfer will be made and reported to the applicant. These credits, however, will not finally be accepted until he has demonstrated that he can do satisfactory work at Indiana University.

RULES CONCERNING INCOMPLETES AND WITHDRAWALS

Incomplete Grades.* The grade of Incomplete may be given only where the completed portion of a student's work in the course is of passing quality. A student must remove an Incomplete within two semesters of subsequent residence in the University. *For purposes of these regulations, the period between the end of one regular academic year and the beginning of the succeeding academic year shall be considered the equivalent of a regular semester, if the student is enrolled during this period.* If the student fails to remove the Incomplete grade during this period, the Incomplete will be changed to F.

A student may not enroll in a course in which he has a grade of Incomplete.

The student may be denied the right to make up an Incomplete if it seems to the dean and the instructor that it is impractical for the student to complete the course. In this event, the student should be given the opportunity to withdraw from the course.

Where the grade of Incomplete is given because the student missed the final examination, he shall be allowed to remove the Incomplete by taking the examination only if he has followed the regular procedure to have his absence excused and the Committee on Absence has notified the instructor that the student may be permitted to take the examination. If the Committee on Absence, under the Dean of Students, determines that the reason for the student's absence is not satisfactory, they should inform the instructor that the grade of Incomplete should be changed to a grade of F.

If the student has not removed the Incomplete within two semesters of residence, the dean of the school in which he is currently enrolled shall authorize the Office of Records and Admissions to change the Incomplete to F. Both the student and the instructor in whose course the student received the Incomplete shall be notified of this change in grade.

A grade of Incomplete may be removed in one of the following ways: (1) The student may complete the course within the time limit and the instructor will then send the appropriate Removal of Incomplete Card to the Office of Records and Admissions. (2) The dean of the student's school may authorize the changing of the Incomplete to W. Note: Where the Incomplete was received because of absence from the final examination, students may prefer to receive a grade of W instead of taking the examination. In such cases, the dean will not approve the grade of W unless the Committee on Absence has approved the reason for absence.

Withdrawals. Withdrawals, approved by the dean of the student's school, during the first four weeks of a full-length semester and during the first two weeks of a summer session, are arbitrarily

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* ***None of these regulations*** **apply to those graduate courses in which completion of the work of the course is not usually required at the end of the semester.** ***Once a student has graduated, nothing in these regulations shall prohibit the Incomplete from remaining on the record.***

marked W. Withdrawals, approved by the dean of the student's school, after the first four weeks of a regular semester and after two weeks of summer session, are marked W or WF according to whether the student is passing or failing in the work of the course at the time of withdrawal. After four weeks in the regular semester and after two weeks in the summer session, the student shall be required to show adequate reasons for withdrawal to the dean of his school. In those cases where students discontinue attendance without officially withdrawing, the instructor shall report the grade of WF. Where non-attendance occurs late in the semester, however, a grade of Incomplete may be used if the instructor has reason to believe the cause of absence was beyond the control of the student.

SCHOLARSHIP REQUIREMENTS

In accordance with uniform Indiana University regulations, students in the School of Health, Physical Education, and Recreation have their credit points computed by the following method: A = 3; B = 2; C = 1; D or W = 0; F or WF = -1.

Regular full-time students in the School will be expected to earn at least ten semester hours of credit and ten credit points each semester. If they do not meet this requirement, the following action shall be taken.

1. The first semester a student receives ten or more hours of credit with as few as five to nine credit points, he shall be warned. A student who has been warned shall be expected to make a C average the next semester.
2. When a full-time student makes a record of less than ten semester hours of credit and/or five credit points or less, he shall be placed on academic probation and required to sign a statement to the following effect:

   "If I do not make a C or better average during the..... semester, 19....., I will not expect to be allowed to return to Indiana University for the following semester."
3. When a student under twenty-one years of age is warned or is placed on academic probation, his parents shall be notified of such action.
4. In the case of serious illness or other extenuating circumstances, the above regulations may be waived by the Dean upon the recommendation of the appropriate counselors.

FEES AND EXPENSES

Fees. All students in the School* who are legal residents of the state of Indiana are charged a basic fee of $6 a credit hour for graduate or undergraduate work, or $90 for fifteen semester hours;

* Except in the Normal College of the American Gymnastic Union Department (Indianapolis) where the fee is the same for residents and nonresidents—$85 a semester. The fee for part-time work is $12 a credit hour.

nonresidents are charged a basic fee of $16.50 a credit hour for undergraduate work, or $247.50 for fifteen semester hours, and a basic fee of $14.25 a credit hour for graduate work, or $213.75 for fifteen semester hours.

An additional fee of $7.50 a semester or summer session is charged for HPER S155, and an additional fee of $5 a semester or summer session is charged for HPER S355, S555, and S655. No additional fee is charged for HPER S555 and S655 in the summer for the intersession or short session.

An additional fee of $7 a credit hour is charged for Education M438 and M486, courses in student teaching.

Expenses. Rooms and meals in the Residence Halls, Bloomington campus, vary from $295 to $399.50 a semester. Rates for married students vary from $25 a month for a trailer to $90 a month for a one-bedroom furnished apartment, according to type. Co-operative housing is available to men and women at $60 and $66 a semester, room only. Rooms in town can be rented for an average of $103.50 a semester for students in double rooms and $126 a semester for single rooms. All rates are subject to change. Meals are available at restaurants, the Campus Club, or the Cafeteria in the Indiana University Memorial Union.

1955-56 ENROLLMENT

The enrollment in the School of Health, Physical Education, and Recreation for the year 1955-56 was 428 undergraduate students and 409 graduate students.

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

PROFESSIONAL DEPARTMENT

Dean PATTY (Temporary Chairman).

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

DEPARTMENT OF ATHLETIC PROFESSIONAL TRAINING

Director ALLEN; Associate Professors HARRELL, CRIMMINS,*† MCCRACKEN*; Assistant Professors FISHER,* ROYER‡; Instructors MCDANIEL,* COCHRANE, ANDRES,* LEWIS,‡ STUMPNER, DAL SASSO, FITCH, MADDOCK, BROWN, WATSON,* KARL,§ LAVERY,‡ TERLEP.§

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

Outdoor facilities include a football and track stadium seating approximately 33,500 spectators, two large football practice fields, a baseball field, and thirty-five tennis courts for men.

Indoor facilities include a gymnasium basketball floor, a special basketball floor for varsity games in the Fieldhouse, a swimming pool, wrestling room, trophy room, and spacious locker and shower rooms. The Fieldhouse is 200 feet wide and 300 feet long, and has a seating capacity at present of 10,056 persons, which can be increased to meet future demands. This building provides facilities for track, basketball, indoor practice in football, baseball, and golf, as well as for intramural sports, in which the University maintains and conducts a comprehensive program. Athletics and physical education for men are supervised by expert coaches and thoroughly trained instructors. All new men students, upon entering the University, are examined by the University physicians, who may also be consulted by students every week day at certain scheduled hours.

Indiana University is a member of the National Collegiate Athletic Association, the Indiana Intercollegiate Conference, and the Intercollegiate Conference of Faculty Representatives, known as the Western Conference, which organization is composed of the leading institutions of this section of the country. A special effort is made to encourage participation in athletic sports, either intercollegiate or intramural, by all students. To this end, athletic fields and tennis courts are maintained for teams and students. In every practicable way the University endeavors to further the physical health and well-being of its students.

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* **Also teaches professional courses.**

† Resigned January 1, 1957.

‡ Also teaches physical education service classes for men.

§ To January 31, 1957.

DEPARTMENT OF HEALTH AND SAFETY

Dean and Professor PATTY; Associate Professor RASH* (Chairman); Assistant Professors DANE,* LUDWIG (Acting Chairman); Instructor BRENNAN; Visiting Lecturers LOFT, VEENKER.

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

The Department is especially fortunate in enjoying unusually fine co-operation 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 Department of Police Administration on the Bloomington campus is also planning co-operatively with this Department in strengthening provisions for driver testing and driver instruction facilities.

NORMAL COLLEGE OF THE AMERICAN GYMNASTIC UNION DEPARTMENT

Director and Assistant Professor HESTER (Dean of Women); Instructors RINSCH (Librarian), MARTIN (Dean of Men), LOHSE; Lecturers SPUTH,† SCHRODT, DUNHAM.‡

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 brought into Indiana University the oldest American institution for the training of teachers of physical and health education and of recreation. The American Gymnastic Union, a nation-wide 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

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* On leave of absence, 1956-57.

† Second semester, 1956-57.

‡ First semester, 1956-57.

Brosius. Students are required to attend the camp session for four weeks in June during the freshman and sophomore years.

The curriculum leads to the degree Bachelor of Science in Physical Education. Those especially interested in this Department should write to the Director of the Normal College, 415 East Michigan Street, Indianapolis, Indiana, for a copy of the annual *Bulletin*.

DEPARTMENT OF PHYSICAL EDUCATION FOR WOMEN

Director and Associate Professor MUNRO; Professor PHILLIPS; Associate Professors FOX, YEAKEL; Assistant Professor LEYHE; Instructors SUMMERS, MCAULEY, SHERWIN, DORST, COBB.

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 social, folk, and modern dancing are offered on a semester basis, each semester of the year. Hockey, softball, volleyball, basketball, tennis, badminton, archery, golf, bowling, and conditioning exercises are offered on a seasonal basis during various seasons of the year.

Interclass and intramural competition in various sports is provided through the Women's Recreation Association and the 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 gymnasia, an individual gymnastics room, a swimming pool, two classrooms, lockers, dressing rooms with showers, and athletic fields. The program is offered on a semester basis, including two seasons of outdoor activities and two seasons 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 recheck 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 through the Women's Recreation Association. The work of this organization is closely supervised by members of the staff of Physical Education for Women. Special effort is made to interest every student in some sport.

DEPARTMENT OF PHYSICAL EDUCATION FOR MEN

Associate Professors WAKEFIELD (Chairman), SLATER-HAMMEL, DAUGHERTY; Assistant Professors BUCHER, ROYER,* COUSINS, RYSER; Instructors ENDWRIGHT, LEWIS,* STUMPNER, NEWBERG, WATSON,* LAVERY.*

All Junior Division men, unless excused, are required to take physical education two days a week.

The directors of the program in physical education aim to develop organic vigor which is 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 thirty by eighty-eight feet, three handball courts, a wrestling room, an individual gymnastics room, and spacious locker and shower rooms. A large Fieldhouse, 200 feet wide and 300 feet long, adjoins the Gymnasium.

Space reserved exclusively for physical education is augmented by the use of other athletic areas, when not in use by varsity squads.

DEPARTMENT OF RECREATION

Professors EPPLEY (Chairman), CARLSON; Assistant Professors DEPPE, TULLY; Instructor MACLEAN; Part-time Instructor FEMAL; Part-time Lecturer SCHELLIE.†

Indiana University, through its School of Health, Physical Education, and Recreation, has recognized the need for professional preparation of personnel for the rapidly expanding field of recreation. The degrees offered include Bachelor of Science in Recreation, Master of Science in Recreation, Director of Recreation, and Doctor of Recreation. The School draws on the Divisions of Adult Education, Audio-

* Half-time.

† First semester, 1956-57.

Visual Materials and Radio and Television Education, and Guidance, in the School of Education; on the Departments of Botany, Fine Arts, Government, Journalism, Sociology, and Speech and Theatre, in the College of Arts and Sciences; on the School of Music; and on other schools and 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 desire a background of culture and skills which will enable them to enrich their family life or render distinct contributions to community projects.

Majors in recreation are provided recreation experiences in the local community recreation program through an arrangement by which the local director of municipal recreation serves as a member of the staff of the School of Health, Physical Education, and Recreation. Additional opportunities for recreation experiences are provided at the nearby 2,300-acre Bradford Woods Outdoor Education Area, operated by the Department of Recreation with the co-operation of the Riley Memorial Association, and at Camp Brosius on beautiful Elkhart Lake in Wisconsin. The nationally renowned state parks of Brown County, McCormick's Creek, and Spring Mill are also utilized for laboratory experiences.

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

BUREAU OF SERVICE AND RESEARCH

Director and Professor BOOKWALTER.

The chief functions of such a department are as follows:

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

Undergraduate Division

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 this *Bulletin* 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 and Public Services. If it is to be credited toward a degree, the entrance requirements of the School of Health, Physical Education, and Recreation must have been satisfied prior to enrollment. Not more than sixty hours earned in off-campus and correspondence courses may be credited toward the B.S. degree. A person who is employed full time may not take more than five hours of work each semester.

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

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

CURRICULA

OPTION IA

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

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

FRESHMAN YEAR

First Semester	Hours	*Second Semester*	Hours
Introductory Rhythmic Training .. HPER W124	1	Modern Dance, and Stunts and Tumbling .. HPER W103, W117	1
Speedball and Volleyball .. HPER W107, W104	1	Basketball and Softball .. HPER W115, W118	1
Nature and Practice of Play .. HPER R170	2	Camp Counselors' Training Course. HPER R275	2
First Aid .. HPER H160	2	Elementary Human Anatomy .. Anat. A210	5
Social Sciences	3	Freshman Literature I..Eng. L101	3
Introduction to Teaching..Ed. F100	2	Elementary Composition II .. Eng. W102	2
Introductory Psychology I.Psy. P101	3	Elective	1
Elementary Composition I .. Eng. W101	2		
	16		15

SOPHOMORE YEAR

Technique of Games for Elementary Schools .. HPER W225	1	Tennis .. HPER W113	1
Techniques of Stunts, Tumbling, and Gymnastics .. HPER W220	1	Modern Dance .. HPER W103	1
Archery and Folk Dancing .. HPER W119, W106	1	Swimming .. HPER W100	1
Kinesiology .. HPER P397	3	Technique of Rhythms for the Elementary School .. HPER W223	1
General Physiology I..Physiol. P201	5	Nutrition .. H.Econ. H206	2
Educational Psychology for Secondary Teachers .. Ed. P240	3	General Physiology II..Physiol. P202	5
or		Historical Introduction to Philosophy .. Phil. P100	3
Child Development .. Ed. P200	3	or	
Golf .. HPER W114	½	Ethics or Fine Arts	3
Social Dancing and Modern Dance .. HPER W105, W103	½	Badminton and Bowling .. HPER W108, W109	1
	15		15

JUNIOR YEAR

Theory of the Dance..HPER W327	2	History and Principles of Physical Education .. HPER P195	3
General and Individual Hygiene .. Physiol. P304	3	Physical Examinations and Corrective Exercises .. HPER P398	3
Physiology of Exercise .. Physiol. P407	3	Technique of Folk Dancing .. HPER W224	1
Tests and Measurements in Physical Education .. HPER P493	3	Technique of Modern Dancing .. HPER W324	1
Technique of Team Sports .. HPER W325	1	Group and Intergroup Hygiene .. Physiol. P306	3
Technique of Assisting .. HPER W326	1	Techniques of Individual Sports .. HPER W323	1
Physical Education .. HPER W100	1	Recreational Crafts .. HPER R273	2
Elective	1	Physical Education .. HPER W100	1
	15		15

SENIOR YEAR

Organization and Administration of Physical Education..HPER W400	2	Methods of Teaching Physical Education: For Women .. Ed. M457	5
Introduction to Community Recreation .. HPER R274	2	Secondary Education and Guidance .. Ed. S485	3
Organization of Health Education .. HPER H464	2	Student Teaching in Physical Education in the Elementary Schools .. Ed. M438	4
Content and Materials in Safety Education .. HPER S350	2	Student Teaching in Physical Education in the Secondary Schools .. Ed. M486	4
Technique of Assisting..HPER W326	1		16
The Teaching of Health and Safety .. Ed. M358	2		
Physical Education Activities ..	1		
Electives	3		
	15		

OPTION IB

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

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

FRESHMAN YEAR

First Semester	Hours	*Second Semester*	Hours
Natural Gymnastics and Apparatus Technique I ..... HPER M131	1	Natural Gymnastics and Apparatus Technique II .... HPER M132	1
History and Principles of Physical Education ..... HPER P195	3	Nature and Practice of Play ..... HPER R170	2
Recreational Crafts....HPER R273	2	Physical Education Service Courses for Men ..... HPER M130	1
First Aid ..... HPER H160	2	Introduction to Teaching..Ed. F100	2
Physical Education Service Courses for Men ..... HPER M130	1	Social Sciences	3
Social Sciences	3	or	
or		Freshman Literature	3
Freshman Literature	3	Introduction to Educational Psychology ..... Ed. P100	3
Elementary Composition I ..... Eng. W101	2	or	
Military Training	1	Introductory Psychology I ..... Psy. P101	3
	15	Elementary Composition II ..... Eng. W102	2
		Military Training	1
			15

SOPHOMORE YEAR

Techniques of Minor Athletic Games I ..... HPER M231	1	Techniques of Minor Athletic Games II ..... HPER M232	1
Introduction to Community Recreation ..... HPER R274	2	Rhythmic Techniques ..... HPER M249	1
Educational Psychology for Secondary Teachers ..... Ed. P240	3	Elementary Human Anatomy ..... Anat. A210	5
Social Sciences	3	Social Sciences	3
or		or	
Freshman Literature	3	Freshman Literature	3
Military Training	1	Military Training	1
Electives	5	Electives	5
	15		16

JUNIOR YEAR

Football and Basketball ..... HPER A183, A184	3	Baseball, and Track and Field ..... HPER A185, A186	3
Technique of Swimming ..... HPER A384	1	Physical Examinations and Corrective Exercises ..... HPER P398	3
General Physiology I..Physiol. P201	5	Organization of Health Education .. HPER H464	2
Kinesiology ..... HPER P397	3	General Physiology II..Physiol. P202	5
General and Individual Hygiene .. Physiol. P304	3	Group and Intergroup Hygiene .... Physiol. P306	3
	15		16

SENIOR YEAR

*Physical Activity Conduct Technique ..... HPER M440	1	Methods of Teaching Physical Education: For Men ..... Ed. M456	5
*Physiology of Exercise ..... Physiol. P407	3	Secondary Education and Guidance ..... Ed. S485	3
Nutrition ..... H.Econ. H206	2	Student Teaching in Physical Education in the Elementary Schools ..... Ed. M438	4
Administration, Organization, and Supervision of Physical Education ..... HPER M444	3	Student Teaching in Physical Education in the Secondary Schools ..... Ed. M486	4
Tests and Measurements in Physical Education ..... HPER P493	3		16
The Teaching of Health and Safety ..... Ed. M358	2		
Content and Materials in Safety Education ..... HPER S350	2		
	16		

* Recommended electives but not required.

OPTION IIA

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

FRESHMAN YEAR

First Semester	Hours	*Second Semester*	Hours
Speedball and Volleyball ..... HPER W107, W104	1	Recreational Crafts....HPER R273	2
Introductory Rhythmic Training .. HPER W124	1	Basketball and Softball ..... HPER W115, W118	1
First Aid ..... HPER H160	2	Modern Dance, and Stunts and Tumbling .. HPER W103, W117	1
Introduction to Teaching..Ed. F100	2	Camp Counselors' Training Course. HPER R275	2
Introductory Psychology I.Psy. P101	3	Elementary Human Anatomy ..... Anat. A210	5
Historical Introduction to Philosophy .....Phil. P100	3	Freshman Literature I...Eng. L101	3
Elementary Composition I..... Eng. W101	2	Elementary Composition II ..... Eng. W102	2
Electives	2		
	16		16

SOPHOMORE YEAR

Technique of Games for Elementary Schools..HPER W225	1	Tennis ..... HPER W113	1
Archery and Folk Dancing ..... HPER W119, W106	1	Elementary Physiology.Physiol. P104	5
Techniques of Stunts, Tumbling, and Gymnastics ..... HPER W220	1	Technique of Folk Dancing ..... HPER W224	1
Nutrition .....H.Econ. H206	2	Social Sciences	3
Educational Psychology for Secondary Teachers ..... Ed. P240	3	Electives	5
Electives	7		15
	15		

JUNIOR YEAR

Technique of Team Sports ..... HPER W325	1	Physical Examinations and Corrective Exercises .... HPER P398	3
Introduction to Community Recreation ..... HPER R274	2	History and Principles of Physical Education ..... HPER P195	3
The Teaching of Health and Safety ..... Ed. M358	2	Electives	9
General and Individual Hygiene ... . Physiol. P304	3		15
Technique of Assisting.HPER W326	1		
Tests and Measurements in Physical Education ..... HPER P493	3		
Electives	3		
	15		

SENIOR YEAR

Organization and Administration of Physical Education..HPER W400	2	Methods of Teaching Physical Education: For Women .. Ed. M457	5
Content and Materials in Safety Education ..... HPER S350	2	Student Teaching in Physical Education in the Secondary Schools.... Ed. M486	8
Organization of Health Education.. HPER H464	2	Secondary Education and Guidance.. Ed. S485	3
Electives	9		16
	15		

OPTION IIB

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

FRESHMAN YEAR

First Semester	Hours	*Second Semester*	Hours
Techniques of Minor Athletic Games I ..... HPER M231	1	Natural Gymnastics and Apparatus Technique II .... HPER M132	1
History and Principles of Physical Education ..... HPER P195	3	Recreational Crafts....HPER R273	2
Natural Gymnastics and Apparatus Technique I ..... HPER M131	1	First Aid ..... HPER H160	2
Nature and Practice of Play ..... HPER R170	2	Physical Education Service Courses for Men ..... HPER M130	1
Physical Education Service Courses for Men ..... HPER M130	1	Introduction to Educational Psychology ..... Ed. P100	3
Introduction to Teaching..Ed. F100	2	or	
Elementary Composition I..... Eng. W101	2	Introductory Psychology I.Psy. P101	3
Social Sciences	3	Elementary Composition II ..... Eng. W102	2
or		Social Sciences	3
Freshman Literature	3	or	
Military Training	1	Freshman Literature	3
	16	Military Training	1
			15

SOPHOMORE YEAR

Introduction to Community Recreation ..... HPER R274	2	Rhythmic Techniques..HPER M249	1
Social Sciences	3	Elementary Human Anatomy ..... Anat. A210	5
or		Social Sciences	3
Freshman Literature	3	or	
Educational Psychology for Secondary Teachers ..... Ed. P240	3	Freshman Literature	3
Military Training	1	Military Training	1
Electives	6	Electives	5
	15		15

JUNIOR YEAR

*Football and Basketball ..... HPER A183, A184	3	*Baseball, and Track and Field ..... HPER A185, A186	3
Physical Examinations and Corrective Exercises .... HPER P398	3	Kinesiology ..... HPER P397	3
Content and Materials in Safety Education ..... HPER S350	2	Elementary Physiology ..... Physiol. P104	5
Organization of Health Education. ..... HPER H464	2	Nutrition ..... H.Econ. H206	2
General and Individual Hygiene .. .. Physiol. P304	3	Electives	2
Electives	2		15
	15		

SENIOR YEAR

Methods of Teaching Physical Education: For Men .... Ed. M456	5	Administration, Organization, and Supervision of Physical Education ..... HPER M444	3
Secondary Education and Guidance ..... Ed. S485	3	Tests and Measurements in Physical Education ..... HPER P493	3
Student Teaching in Physical Education in the Secondary Schools.... ..... Ed. M486	8	The Teaching of Health and Safety ..... Ed. M358	2
	16	†Physical Activity Conduct Technique ..... HPER M440	1
		Electives	6
			15

OPTION III

Four-year course leading to a Certificate in a Comprehensive Area in Health and Safety Education and the degree B.S. in Health and Safety (Men and Women). Proper planning would also enable a person to qualify

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

† Recommended elective but not required.

for two restricted areas in the following fields: physical education, biology, and/or general science. One is also qualified as a driver education instructor.

FRESHMAN YEAR

First Semester	Hours	*Second Semester*	Hours
Introduction to American Government I .....Gov. G103	3	Introduction to American Government II .....Gov. G104	3
Elementary Composition I ..... Eng. W101	2	Elementary Composition II ..... Eng. W102	2
Introductory Psychology I ..... Psy. P101	3	Introduction to Teaching ..... Ed. F100	2
Recreational Crafts ... HPER R273	2	Animal Biology ..... Zool. Z103	5
History and Principles of Physical Education ..... HPER P195	3	First Aid ..... HPER H160	2
Physical Education	1	Physical Education	1
*Military Training	1	*Military Training	1
	15		16

SOPHOMORE YEAR

Microbiology in Relation to Man: Lectures ..... Bact. B200	3	Elementary Human Anatomy ..... Anat. A210	5
and Microbiology in Relation to Man: Laboratory ... Bact. B205	2	Nutrition .....H.Econ. H206	2
or Plant Biology ..... Bot. B101	5	*Military Training	1
Educational Psychology for Secondary Teachers ..... Ed. P240	3	Electives	7
Public Speaking I ..... Spch. S121	2		15
*Military Training	1		
Electives	4		
	15		

JUNIOR YEAR

General Physiology I ..... Physiol. P201	5	General Physiology II ..... Physiol. P202	5
General and Individual Hygiene.. Physiol. P304	3	Group and Intergroup Hygiene.... Physiol. P306	3
Content and Materials in Safety Education ..... HPER S350	2	Techniques of Driver Training and Testing ..... HPER S355	4
Child Care and Development ..... H.Econ. H318	3	Electives	3
Electives	2		15
	15		

SENIOR YEAR

Organization of Health Education... HPER H464	2	Methods of Teaching Health and Safety ..... Ed. M458	5
Foundations of Human Behavior ... Ed. N400	3	Secondary Education and Guidance. Ed. S485	3
Public Health Administration ..... Ed. N355	3	Student Teaching in the High School ..... Ed. M480	8
Community Health Education .... HPER H465	3		16
Electives	4		
	15		

One may qualify for restricted areas by completing a proper combination of courses in the patterns listed.

Biology	*General Science*	*Physical Education*	
		Men	*Women*
Fourteen hours selected from:	Fourteen hours selected from:	HPER A384	HPER P398
Botany B203	Chemistry C101 or C105	HPER M131	HPER W124
Botany B214	Physics P100	HPER M231-M232	HPER W220
Botany B363	Additional hours in Astronomy, Geography, and/or Geology	HPER M249	HPER W223
Zoology Z104		HPER M444	HPER W224
Zoology Z364		HPER P398	HPER W225
Zoology Z373		HPER R170	HPER W323
		Three semester hours selected from HPER A183, A184, A185, A186	HPER W325
			HPER W326
			HPER W400

* For men.

OPTION VA

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

FRESHMAN YEAR

First Semester	Hours	*Second Semester*	Hours
Art Appreciation ..... F.A. H100	2	Ornithology ..... Zool. Z104	2
Introduction to Educational Psychology ..... Ed. P100	3	Nature and Practice of Play ..... HPER R170	2
or		Introduction to American Government II .....Gov. G104	3
Introductory Psychology I..Psy. P101	3	Elementary Composition II ..... Eng. W102	2
Introduction to American Government I .....Gov. G103	3	Principles of Sociology .. Soc. S161	3
Elementary Composition I ..... Eng. W101	2	Stunts and Tumbling.. HPER W117	½
Public Speaking I ..... Spch. S121	2	Swimming ..... HPER W100	1
Volleyball ..... HPER W100	½	Electives	1½
Badminton ..... HPER W100	½		15
Introductory Rhythmic Training ... HPER W124	1		
Electives	1		
	15		

SOPHOMORE YEAR

Introduction to Community Recreation ..... HPER R274	2	Camp Counselors' Training Course.. HPER R275	2
Crafts and Design I .... F.A. S255	2	Child Development ..... Ed. P200	3
Freshman Literature I .. Eng. L101	3	First Aid ..... HPER H160	2
Introduction to Teaching ..... Ed. F100	2	Camp Crafts ..... HPER R276	2
Nature Study ..... Bot. B214	3	Golf ..... HPER W100	½
Archery ..... HPER W100	½	Bowling ..... HPER W100	½
Social Dancing ..... HPER W100	½	Tennis ..... HPER W100	½
Electives	3	Elective required .... HPER W100	½
	16	Electives	5
			16

JUNIOR YEAR

Office Management I ... Bus. C300	2	Horticulture ..... Bot. B213	3
Recreational Crafts ... HPER R273	2	Content and Material in Safety Education ..... HPER S350	2
Appreciation of Music I. Mus. M174	2	Educational Psychology for Secondary Teachers ..... Ed. P240	3
Leadership in Playgrounds and Community Centers .....HPER R373	3	Technique of Folk Dancing ..... HPER W224	1
Fundamentals of Dramatic Production ..... Spch. S255	3	Introduction to Group Work ..... Soc. Serv. S410	2
Youth Service Organization ..... HPER R374	2	Modern Literature and the Arts .. Comp. Lit. C225	2
Folk Dance ..... HPER W100	1	or	
	15	Children's Literature .... Eng. L390	3
		Electives	3
			16 or 17

SENIOR YEAR

Audio-Visual Education .. Ed. R405	2	Student Teaching in Recreation ... Ed. M485	3
Techniques of Social Recreation .... HPER R469	2	Business and Professional Speaking ..... Spch. S223	3
Writing for Publication . Jour. J327	3	Recreational Music ..... Mus. U353	2
Student Teaching in Recreation .... Ed. M485	3	Secondary Education and Guidance.. Ed. S485	3
Electives	5	Technique of Individual Sports .... HPER W323	1
	15	Electives	3
			15

The School of Health, Physical Education, and Recreation requires a minimum of one summer or the equivalent of employment in recreation work.

OPTION VB

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

FRESHMAN YEAR

First Semester	Hours	*Second Semester*	Hours
Public Speaking I ..... Spch. S121	2	Ornithology ..... Zool. Z104	2
Art Appreciation ..... F.A. H100	2	Principles of Sociology .. Soc. S161	3
Introduction to Educational Psychology .....Ed. P100	3	Nature and Practice of Play ....HPER R170	2
or		Introduction to American Government II .....Gov. G104	3
Introductory Psychology I..Psy. P101	3	Physical Education Service Courses for Men ..... HPER M130	1
Introduction to American Government I .....Gov. G103	3	Elementary Composition II .... Eng. W102	2
Physical Education Service Courses for Men ..... HPER M130	1	Military Training	1
Elementary Composition I .... Eng. W101	2	Electives	1
Military Training	1		15
Electives	1		
	15		

SOPHOMORE YEAR

Introduction to Community Recreation ..... HPER R274	2	Camp Counselors' Training Course.. ..... HPER R275	2
Crafts and Design I .... F.A. S255	2	Child Development ..... Ed. P200	3
Freshman Literature I .. Eng. L101	3	First Aid ..... HPER H160	2
Introduction to Teaching.. Ed. F100	2	Camp Crafts ..... HPER R276	2
Nature Study ..... Bot. B214	3	Appreciation of Music I .... Mus. M174	2
Technique of Swimming .... HPER A384	1	Techniques of Minor Athletic Games II ..... HPER M232	1
Techniques of Minor Athletic Games I ..... HPER M231	1	Military Training	1
Military Training	1	Electives	2
	15		15

JUNIOR YEAR

Recreational Crafts ... HPER R273	2	Horticulture ..... Bot. B213	3
Office Management I ... Bus. C300	2	Introduction to Group Work .... Soc. Serv. S410	2
Youth Service Organization .... HPER R374	2	Content and Materials in Safety Education ..... HPER S350	2
Leadership in Playgrounds and Community Centers .... HPER R373	3	Modern Literature and the Arts.... ..... Comp. Lit. C225	2
Fundamentals of Dramatic Production ..... Spch. S255	3	or	
*Football and Basketball .... HPER A183, A184	3	Children's Literature .... Eng. L390	3
	15	Educational Psychology for Secondary Teachers ..... Ed. P240	3
		*Baseball, and Track and Field .... HPER A185, A186	3
			15 or 16

SENIOR YEAR

Techniques of Social Recreation .... HPER R469	2	Student Teaching in Recreation.... ..... Ed. M485	3
Audio-Visual Education . Ed. R405	2	Business and Professional Speaking ..... Spch. S223	3
Writing for Publication . Jour. J327	3	Recreational Music ..... Mus. U353	2
Student Teaching in Recreation .... Ed. M485	3	Secondary Education and Guidance ..... Ed. S485	3
Electives	6	Electives	5
	16		16

The School of Health, Physical Education, and Recreation requires a minimum of one summer or the equivalent of employment in recreation work.

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* Students must elect 3 hours of HPER A183 Football, A184 Basketball, A185 Baseball, and A186 Track and Field.

OPTION VIB

Four-year course leading to the degree B.S. in Recreation with a major in Boys' Club work*

FRESHMAN YEAR

First Semester	Hours	*Second Semester*	Hours
Nature and Practice of Play ..... HPER R170	2	Introductory Psychology II ..... Psy. P102	3
Principles of Sociology .. Soc. S161	3	or	
Introductory Psychology I ..... Psy. P101	3	Child Development ..... Ed. P200	3
or		Society and the Individual ..... Soc. S162	3
Introduction to Educational Psychology ..... Ed. P100	3	Elementary Composition II ..... Eng. W102	2
Elementary Composition I ..... Eng. W101	2	Physical Education Service Courses for Men ..... HPER M130	1
Introduction to American Government I .....Gov. G103	3	Introduction to American Government II .....Gov. G104	3
Physical Education Service Courses for Men ..... HPER M130	1	Military Training	1
Military Training	1	Electives	3
	15		16

SOPHOMORE YEAR

The History and Principles of Physical Education .... HPER P195	3	History of American Social Welfare ..... Soc. Serv. S303	3
Freshman Literature I .. Eng. L101	3	The Psychology of Childhood and Adolescence ..... Psy. P316	3
Public Speaking I .... Spch. S121	2	Introduction to Community Recreation ..... HPER R274	2
Recreational Crafts .. HPER R273	2	Public Speaking II .... Spch. S122	2
Introduction to Group Work ..... Soc. Serv. S410	2	Military Training	1
Military Training	1	Electives	5
Electives	3		16
	16		

JUNIOR YEAR

(Taken at New York University)		Modern Social Welfare Organization ..... Soc. Serv. S304	3
The Organization and Administration of a Boys' Club	6	Elementary Physiology ..... Physiol. P104	5
Practicum in Boys' Club Work	6	The Community ..... Soc. S309	3
	12	Youth Service Organization ..... HPER R374	2
		Publicity and Public Relations .... Jour. J427	2
		Electives	1
			16

SENIOR YEAR

Principles of Economics I ..... Econ. E201	3	Personnel Management ..Bus. P340	3
Writing for Publication . Jour. J327	3	Business and Professional Speaking ..... Spch. S223	3
Introduction to Business ..... Bus. W100	3	Camp Counselors' Training Course ..... HPER R275	2
First Aid ..... HPER H160	2	Administration, Organization, and Supervision of Physical Education ..... HPER M444	3
Technique of Swimming ..... HPER A384	1	Office Management I ... Bus. C300	2
Leadership in Playgrounds and Community Centers .HPER R373	3	Electives	3
Electives	1		16
	16		

* Offered in co-operation with the Boys' Club of America.

OPTION VIA

Four-year course leading to the degree B.S. in Physical Education with a major in dance (for Women)

This curriculum is intended to meet the needs of students interested in dance as a creative art, and to prepare teachers for colleges and universities, or for teaching private dance classes. The curriculum does not qualify one for a certificate to teach in the public schools of Indiana.*

FRESHMAN YEAR

First Semester	Hours	*Second Semester*	Hours
Introductory Rhythmic Training .. HPER W124	1	Modern Dance, and Stunts and Tumbling .. HPER W103, W117	1
Speedball and Volleyball .... HPER W107, W104	1	Basketball and Softball .... HPER W115, W118	1
First Aid .... HPER H160	2	Elementary Human Anatomy .... Anat. A210	5
History or Sociology	3	Elementary Composition II .... Eng. W102	2
Elementary Composition I .... Eng. W101	2	Freshman Literature I .... Eng. L101	3
Introductory Psychology I .... Psy. P101	3	Art Appreciation .... F.A. H100	2
Introduction to Teaching .... Ed. F100	2	Electives	2
Folk Dancing .... HPER W100	1		16
	15		

SOPHOMORE YEAR

Modern Dance, Social Dancing, and Folk Dancing .... HPER W103, W105, W106	1	Elementary Physiology .... Physiol. P104	5
Techniques of Stunts, Tumbling, and Gymnastics ... HPER W220	1	Technique of Folk Dancing .... HPER W224	1
Historical Introduction to Philosophy .... Phil. P100	3	Technique of Rhythms for the Elementary School .. HPER W223	1
Kinesiology .... HPER P397	3	Stagecraft I .... Spch. S245	3
Educational Psychology for Secondary Teachers .... Ed. P240	3	Modern Dance Composition I .... HPER W211	1
or		Rhythmic Form and Analysis .... HPER W213	2
Child Development .... Ed. P200	3	Modern Dance .... HPER W103	1
Elementary Composition III .... Eng. W103	2	Electives	1
Electives	3		15
	16		

JUNIOR YEAR

Modern Dance Workshop I .... HPER W214	3	History and Principles of Physical Education .... HPER P195	3
Theory of the Dance..HPER W327	2	Physical Examinations and Corrective Exercises .... HPER P398	3
Technique of Team Sports .... HPER W325	1	Technique of Modern Dancing .... HPER W324	1
General and Individual Hygiene .. Physiol. P304	3	Technique of Assisting.HPER W326	1
Modern Dance Accompaniment .... HPER W328	2	Dance Production I..HPER W411	3
Modern Dance Composition II .... HPER W212	1	Electives	4
Electives	3		15
	15		

SENIOR YEAR

Dance Production II...HPER W412	3	Methods of Teaching Physical Education: For Women .. Ed. M457	5
Dance Costuming ... HPER W329	2	Student Teaching in Physical Education in the Secondary Schools.... Ed. M486	8
Modern Dance Workshop II .... HPER W214	3	or	
Organization and Administration of Physical Education..HPER W400	2	Student Teaching in Physical Education in the Elementary Schools.. Ed. M438	8
Electives	5	Secondary Education and Guidance .... Ed. S485	3
	15		16

* Those interested in securing a provisional teaching certificate should confer with the Director of the Department of Physical Education for Women.

OPTION VIII

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

FRESHMAN YEAR

First Semester	Hours	*Second Semester*	Hours
Techniques of Minor Athletic Games I ..... HPER M231	1	Introductory Psychology I ..... Psy. P101	3
History and Principles of Physical Education ..... HPER P195	3	First Aid ..... HPER H160	2
Orientation in Athletic Training I. ..... HPER A181	3	Natural Gymnastics and Apparatus Technique II .... HPER M132	1
Natural Gymnastics and Apparatus Technique I ..... HPER M131	1	Recreational Crafts .. HPER R273	2
Nature and Practice of Play ..... HPER R170	2	Orientation in Athletic Training II ..... HPER A182	3
Physical Education Service Courses for Men ..... HPER M130	1	Physical Education Service Courses for Men ..... HPER M130	1
Introduction to Teaching..Ed. F100	2	Elementary Composition II ..... Eng. W102	2
Elementary Composition I ..... Eng. W101	2	Military Training	1
Military Training	1		15
	16		

SOPHOMORE YEAR

Educational Psychology for Secondary Teachers ..... Ed. P240	3	Elementary Human Anatomy .... Anat. A210	5
Football and Basketball ..... HPER A183, A184	3	Techniques of Conditioning and Bandaging for the Athletic Trainer II ..... HPER A282	2
Techniques of Conditioning and Bandaging for the Athletic Trainer I ..... HPER A281	2	Baseball, and Track and Field .... HPER A185, A186	3
Introduction to Community Recreation ..... HPER R274	2	Rhythmic Techniques..HPER M249	1
Social Sciences	3	Military Training	1
Military Training	1	Electives	3
Electives	1		15
	15		

JUNIOR YEAR

Kinesiology ..... HPER P397	3	Physical Examinations and Corrective Exercises .... HPER P398	3
Instruction in Athletic Training Problems ..... HPER A383	2	Elementary Physiology ..... Physiol. P104	5
Laboratory Practice in Athletic Training I ..... HPER A381	5	or	
Nutrition ..... H.Econ. H206	2	General Physiology I .. Physiol. P201	5
Content and Materials in Safety Education ..... HPER S350	2	Laboratory Practice in Athletic Training II ..... HPER A382	5
Organization of Health Education. ..... HPER H464	2	Electives	2
	16		15

SENIOR YEAR

General and Individual Hygiene .. .. Physiol. P304	3	Advanced Techniques in Athletic Training II ..... HPER A482	3
Advanced Techniques in Athletic Training I ..... HPER A481	5	Administration, Organization, and Supervision of Physical Education ..... HPER M444	3
Tests and Measurements in Physical Education ..... HPER P493	3	Secondary Education and Guidance. ..... Ed. S485	3
The Teaching of Health and Safety ..... Ed. M358	2	Public Speaking I .... Spch. S121	2
Electives	2	Physical Activity Conduct Technique ..... HPER M440	1
	15	Electives	3
			15

OPTION A. PUBLIC HEALTH* DENTAL HYGIENISTS

FRESHMAN YEAR

First Semester	Hours	*Second Semester*	Hours
Human Biology I: First Year .... Dent. H100	4	Human Biology II: First Year.... Dent. H101	4
Elementary Composition I ..... Eng. W101	2	Elementary Composition II ..... Eng. W102	2
Nutrition ..... H.Econ. H206	**2**	**Introductory Psychology I ..... Psy. P101**	**3**
Dental Anatomy: First Year ..... Dent. H104	3	Electives	3
Elective	1	Clinical Practice	4
Clinical Practice	3	(Dent. H103 Clinical Practice: First Year)	
(Dent. H102 Dental Prophylaxis Technic: First Year)		(Dent. H108 Pharmacology and Therapeutics: First Year)	
	15		16

SOPHOMORE YEAR

Public Speaking I ..... Spch. S121	**2**	**Society and the Individual ..... Soc. S162**	**3**
Oral Pathology: Second Year ..... Dent. H204	2	Dental Health Education Methods: Second Year ..... Dent. H206	2
Principles of Sociology....Soc. S161	**3**	**Public Health and Personal Hygiene ..... P.H. H407**	**2**
Clinical Practice	10	**Educational Psychology for Secondary Teachers ..... Ed. P240**	**3**
(Dent. H201 Clinical Practice I: Second Year)		**First Aid .....HPER H160**	**2**
(Dent. H203 Radiology: Second Year)		Clinical Practice	5
(Dent. H208 Dental Materials: Second Year)		(Dent. H202 Clinical Practice II: Second Year)	
	17		17

JUNIOR YEAR

General Chemistry .....Chem. C105	**5**	**†Modern Social Welfare Organization ..... Soc. Serv. S304**	**3**
†Introduction to American Government I ..... Gov. G103	3	†Introduction to American Government II ..... Gov. G104	3
Freshman Literature I..Eng. L101	**3**	Historical Introduction to Philosophy ..... Phil. P100	3
Content and Materials in Safety Education ..... HPER S350	**2**	**Secondary Education and Guidance ..... Ed. S485**	**3**
Introduction to Teaching..Ed. F100	**2**	**Physical Education 1**	
Physical Education 1		**Electives 3**	
	16		16

SENIOR YEAR

Public Health Administration and Law ..... P.H. H400	**2**	**Organization of Health Education. ..... HPER H464**	**2**
General Sanitation .... P.H. H420	**2**	**Public Health Field Practice ..... P.H. H463**	**8**
Communicable Disease Control .... P.H. H408	**1**	**Student Teaching in the High School ..... Ed. M480**	**5**
Public Health Statistics ..... P.H. H406	**3**	**Public Health Education Methods ..... P.H. H444**	**3**
Methods of Teaching Health and Safety ..... Ed. M458	**5**		18
School and Community Health Programs ..... P.H. H440	5		
	18		

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* The first two years of this curriculum qualifies one for a certificate in dental hygiene. If one desires, he may complete the last two years of the curriculum and qualify for the degree B.S. in Public Health. This curriculum is sponsored jointly by the School of Dentistry and the School of Health, Physical Education, and Recreation.

† Recommended electives.

UNDERGRADUATE COURSES, 1957-58

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

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

A181-A182. Orientation in Athletic Training I-II. (3-3 cr.)

A183. Football. (1½ cr.)
The fundamentals of offensive and defensive line and backfield play; technique of forward passing; outstanding rules; offensive plays and the most frequently used defenses.

A184. Basketball. (1½ cr.)
The fundamentals of basket shooting, passing, ball handling, and footwork; offense and defense psychology and strategy; the basketball season, tournament play, and coaching hints.

A185. Baseball. (1½ cr.)
The fundamentals of pitching, catching, batting, base running, infield and outfield play; offensive and defensive strategy; organization and management.

A186. Track and Field. (1½ cr.)
The fundamental procedures in training and conditioning for running, jumping, vaulting, shot-putting, and hurdling; coaching strategy; organization and management of track and field events.

A281-A282. Techniques of Conditioning and Bandaging for the Athletic Trainer I-II. (2-2 cr.)

A381-A382. Laboratory Practice in Athletic Training I-II. (5-5 cr.)

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

A384. Technique of Swimming. (1 cr.)
The course covers techniques of crawl, back, and breast strokes and springboard diving. Swimmers of sufficient ability are taught standard Red Cross Life Saving. When prospective teachers are in the majority, some attention is centered on teaching methods.

A385. 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 co-ordination and counter maneuvers is emphasized throughout, along with placing a premium on speed, skill, and leverage.

A481-A482. Advanced Techniques in Athletic Training I-II. (5-3 cr.)

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

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

*A485. Advanced Undergraduate Techniques. (Credit arranged.)

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

H160. First Aid. (2 cr.)

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

H364. Health Problems of Exceptional Children. (3 cr.)

A study of the causes of mental and physical deviations from normal. Basis for health inspection duties of teachers. Organization of health lessons and utilization of health situations for health education. Restricted and adapted physical activities suitable for exceptional children.

H460. Instructor's Course in First Aid. (2 cr.)

Prerequisite, standard first aid certificate or completion of H160. The course provides an advanced consideration of first aid subject matter, and orientation in the various methods, techniques, and teaching devices in first aid courses. Practical classroom instruction is required. Completion of the course qualifies one for the instructor's certificate.

H464. 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.

H465. Community Health Education. (3 cr.)

Special consideration is given to the place of the teacher in the community health education program. Considers the need for the program, the various media and methods which may be employed, and the place of existing agencies in the program.

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

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

M131-M132. Natural Gymnastics and Apparatus Technique I-II. (1-1 cr.)

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

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

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

*M141-M142. Freshman Major Activity Program I-II. (2-2 cr.)

*** Open only to majors in the School of Health, Physical Education, and Recreation.**

M231-M232. Techniques of Minor Athletic Games I-II. (1-1 cr.)

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

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

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

M249. Rhythmic Techniques. (1 cr.)

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

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

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

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

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

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

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

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

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

P397. Kinesiology. (3 cr.)

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

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

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

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

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

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

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

For men and women. Required for the four-year elementary teacher-training course, and of students taking a major or desiring a certificate 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, and incentives.

R273. Recreational Crafts. (2 cr.)

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

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

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

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

R276. Camp Crafts. (2 cr.)

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

R373. Leadership in Playgrounds and Community Centers. (3 cr.)

The course covers the varied aspects of playgrounds and community center operation; stresses leadership techniques; outlines programs and considers problems relating to the planning and operation of these programs.

R374. Youth Service Organization. (2 cr.)

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

R375. Boy Scout Leadership. (2 cr.)

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

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

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

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

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

S155. Driver Training. (2 cr.)

An evening course designed to prepare students for the Indiana State Driver's examination. Includes classroom instruction, skills of driving, practice driving in traffic, rules of the road, and highway courtesies. Additional fee: $7.50 a semester.

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

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

*S355. Techniques of Driver Training and Testing. (4 cr.)

The purpose of this course is to prepare high school teachers of driver education. Both the classroom phase and behind-the-wheel techniques are presented. Every enrollee will have an opportunity to teach automobile driving to beginners. Additional fee: $5 a semester.

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* Students not proficient in driving should take S155 as a prerequisite.

W100. Physical Education Service Courses for Women. (1 cr.)
All activities including swimming.

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

W104. Volleyball. (½ cr.)

W105. Social Dancing. (½ cr.)

W106. Folk Dancing. (½ cr. each semester.)

W107. Speedball. (½ cr.)

W108. Badminton. (½ cr.)

W109. Bowling. (½ cr.)

W113. Tennis. (½ cr.)

W114. Golf. (½ cr.)

W115. Basketball. (½ cr.)

W117. Stunts and Tumbling. (½ cr.)

W118. Softball. (½ cr.)

W119. Archery. (½ cr.)

W124. Introductory Rhythmic Training. (1 cr.)

W211-W212. Modern Dance Composition I-II. (1-1 cr.)

W213. Rhythmic Form and Analysis. (2 cr.)

W214. Modern Dance Workshop I-II-III. (3-3-3 cr.)

W220. Techniques of Stunts, Tumbling, and Gymnastics. (1 cr.)

W223. Technique of Rhythms for the Elementary School. (1 cr.)

W224. Technique of Folk Dancing. (1 cr.)

W225. Technique of Games for Elementary Schools. (1 cr.)

W323. Techniques of Individual Sports. (1 cr.)

W324. Technique of Modern Dancing. (1 cr.)

W325. Technique of Team Sports. (1 cr.)

W326. Technique of Assisting. (1 cr. each semester.)

W327. Theory of the Dance. (2 cr.)
A study of the history, principles, theory, and philosophy underlying dance from primitive times to present. Emphasis is placed upon theory and trends with special emphasis on the place of modern dance in a progressive program of physical education.

W328. Modern Dance Accompaniment. (2 cr.)

A study of suitable accompaniment for dance. This includes music, verse, voice, and percussion instruments.

W329. Dance Costuming. (2 cr.)

The design and construction of costumes for dance with special emphasis on line, material, and color.

W400. Organization and Administration of Physical Education. (2 cr.)

Prerequisite, P195.

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

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

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

Teachers' Courses

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

Education M438. Student Teaching in Physical Education in the Elementary Schools. (3 to 5 cr.)

Additional fee: $7 for each credit hour.

Education M456. Methods of Teaching Physical Education: For Men. (5 cr.)

Education M457. Methods of Teaching Physical Education: For Women. (5 cr.)

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

Education M486. Student Teaching in Physical Education in the Secondary Schools. (5 to 8 cr.)

Additional fee: $7 for each credit hour.

Graduate Division

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 doctor's degree, the director's degree, 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 graduate student is expected to carry fifteen semester hours of academic work a semester. Special permission is not necessary for sixteen hours if the schedule of courses needed happens to total sixteen hours. High quality of work rather than quantity accomplished is expected of all graduate students. Therefore, under no circumstances will a graduate student be approved for more than the usual course load for the purpose of shortening time required to qualify for a degree.

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

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

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

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

(*b*) For the advanced degrees with a major in health and safety—twenty-four semester hours in such undergraduate subjects as anatomy, physiology, hygiene, nutrition, biology, health and safety.

(*c*) For the advanced degrees with a major in recreation—twenty-four semester hours in such undergraduate subjects as sociology, music, fine arts, dramatics, physical education, natural sciences, games, and recreational theory.

MASTER OF SCIENCE DEGREE

1. It is recommended that the usual master's degree candidate plan to take all of his course work in the School of Health, Physical Education, and Recreation, and to follow a pattern of courses that will

qualify him for a supervisor's certificate in the field of his special interest. This certificate may be earned while qualifying for the Master of Science degree.

2. The candidate may, if he so desires, be permitted to present work in an approved minor field of graduate study in partial fulfillment of the requirements for the degree. A minor may be in graduate courses in the School of Education, or in any other field of learning if approved by the Dean of the School. A minor may be any amount of graduate course credit in an approved field of study not to exceed ten semester hours. It should be clearly understood that a candidate is not required to have a minor.

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

4. A candidate for the degree Master of Science in Health and Safety, Master of Science in Physical Education, or Master of Science in Recreation must complete successfully fifteen or more semester hours of graduate course work in the field in which he is taking a major, including HPER T590. The remainder of his credits may be in courses included in the areas of the School, and in an approved field of study (if an outside minor is desired).

5. For the master's degree, the candidates must include in their graduate programs HPER P544, Administration of Physical Education for those majoring in physical education, HPER R575, Administration of Public Recreation for those majoring in recreation, and HPER H510, Organization and Development of the School Health Program for those majoring in health and safety.

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

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

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

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

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

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

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

7. **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, effective February 1, 1953:

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

(*b*) The successful completion of thirty-five semester hours of approved graduate work is required. The five 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 Bloomington campus of Indiana University is required.

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

CERTIFICATE OF SUPERVISION

As a special recognition for graduate students who complete an appropriate pattern of graduate courses for an advanced degree in any of the three areas served by the School, a certificate indicating qualifications for supervision is granted by authority of the Board of Trustees of Indiana University. In addition to completing one of the following patterns a student is expected to have completed two years of successful practical experience.

Tentative Patterns for Certificates of Supervision in Advanced Areas

Physical Education	*Health and Safety*	*Recreation*
HPER A583 2 cr.	**HPER H510 3 cr.**	**HPER P540 2 cr.**
HPER P540 2 cr.	**HPER H514 3 cr.**	**HPER R570 2 cr.**
HPER P543 2 cr.	HPER H515 3 cr.	**HPER R573 2 cr.**
HPER P544 3 cr.	**HPER H516 3 cr.**	**HPER R574 2 cr.**
HPER P545 3 cr.	**HPER H618 3 cr.**	**HPER R575 3 cr.**
HPER P546 3 cr.	**HPER S550 2 cr.**	HPER R577 3 cr.
HPER P547 3 cr.	HPER S555 2 cr.	**HPER R675 2 cr.**
HPER T590 3 cr.	**HPER T590 3 cr.**	**HPER T590 3 cr.**
HPER T591 3 cr.	HPER T593 2 cr.	HPER T593 2 cr.
HPER T593 2 cr.		
	Two credits selected from:	Five credits selected from:
	HPER H517 3 cr.	HPER R578 2 cr.
	HPER H610 3 cr.	HPER R579 2 cr.
	HPER S655 2 cr.	HPER R667 Ar.
	HPER T591 3 cr.	HPER R676 2 cr.
		HPER T690 Ar.

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

ATHLETIC TRAINING

To meet the need for qualified athletic trainers, the School offers the following graduate athletic training curriculum. Completion of the following pattern of courses qualifies one for the degree Master of Science in Health and Safety with a major in athletic training.

Athletic Training Pattern of Courses

HPER A583 2 cr.	**HPER P530 3 cr.**	**HPER T590 3 cr.**
HPER H510 3 cr.	**HPER P546 3 cr.**	**HPER T690 10 cr.**
HPER H520 2 cr.	**HPER P548 3 cr.**	**Physiol. P407 3 cr.**
HPER S550 2 cr.	**HPER P549 2 cr.**	

HEALTH CO-ORDINATOR

Increased attention is being given to the place of the health co-ordinator in the school program.

In anticipation of need for persons specifically qualified as health co-ordinators, the following pattern of courses is recommended. This pattern qualifies one for the certificate of supervision in health education and for special recommendation as health co-ordinator.

Health Co-ordinator Pattern

HPER H510 3 cr.	HPER H517 3 cr.	**HPER S555 2 cr.**
HPER H514 3 cr.	**HPER H610 3 cr.**	**HPER T590 3 cr.**
HPER H515 3 cr.	**HPER H618 3 cr.**	**HPER T593 2 cr.**
HPER H516 3 cr.	**HPER S550 2 cr.**	HPER T690 5 cr.

DIRECTOR'S DEGREE

A well established 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 doctor's degree, 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 doctoral 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.

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

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

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

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

5. A candidate for the directorate with a major in health and safety (H.S.Dir.), physical education (P.E.Dir.), or recreation (Re. Dir.) 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 (thirty hours). The remainder of his credits may be in other fields of the School of Health, Physical Education, and Recreation and in an approved minor field of study (if an outside minor is desired).

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

(*a*) A minimum of thirty semester hours of resident course work, or the equivalent in summer sessions or in University centers, is required of the candidate after his or her first thirty semester hours of graduate study here or elsewhere. A minimum of two regular summer sessions, or equivalent, of residence on the Bloomington campus is required.

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

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

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

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

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

DIRECTORS' PATTERNS

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

Physical Education	*Health and Safety*	*Recreation*
HPER A583 2 cr.	HPER H510 3 cr.	HPER R570 2 cr.
HPER P540 2 cr.	HPER H514 3 cr.	HPER R573 2 cr.
HPER P543 2 cr.	HPER H515 3 cr.	HPER R574 2 cr.
HPER P544 3 cr.	HPER H516 3 cr.	HPER R575 3 cr.
HPER P545 3 cr.	HPER H610 3 cr.	HPER R577 3 cr.
HPER P546 3 cr.	HPER H618 3 cr.	HPER R675 2 cr.
HPER P547 3 cr.	HPER S550 2 cr.	HPER T590 3 cr.
HPER T590 3 cr.	HPER S555 2 cr.	HPER T593 2 cr.
	HPER S655 2 cr.	
	HPER T590 3 cr.	

Nine credits selected from:	Three credits selected from:	Eleven credits selected from:
HPER P530 3 cr.	HPER H513 2 cr.	HPER A583 2 cr.
HPER P533 3 cr.	**HPER H517 3 cr.**	**HPER H517 3 cr.**
HPER P534 2 cr.	**HPER H617 Ar.**	**HPER P539 3 cr.**
HPER P539 3 cr.	**HPER H720 Ar.**	**HPER P540 2 cr.**
HPER P548 3 cr.	**HPER P539 3 cr.**	HPER R578 2 cr.
HPER P647 Ar.	**HPER P546 3 cr.**	HPER R579 2 cr.
HPER T591 3 cr.	**HPER P549 2 cr.**	HPER R667 Ar.
HPER T593 2 cr.	HPER T591 3 cr.	**HPER R676 2 cr.**
	HPER T593 2 cr.	**HPER T591 3 cr.**
		HPER T690 Ar.
		Ed. D514 3 cr.
		Ed. R523 3 cr.
		Ed. R543 2 cr.
		Ed. S506 2 cr.
		Gov. G205 3 cr.
		Gov. G507 3 cr.
		Mus. U353 2 cr.
		Spch. S245 3 cr.

THE DOCTORATE

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

1. The School of Health, Physical Education, and Recreation administers the qualifying activities of candidates for the doctoral degree with majors in either physical education, health and safety, or recreation. The steps toward meeting the requirements for the doctoral degree are as follows: (*a*) admission to graduate study; (*b*) approval by the faculty as a candidate; (*c*) the passing of a preliminary examination; (*d*) the completion of required course work; (*e*) the completion of an approved dissertation; (*f*) the passing of the final written and 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 Graduate Committee of the School of Health, Physical Education, and Recreation before he is an official doctoral candidate. To secure approval, he 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 Graduate Committee, a committee shall be appointed by the Dean of the School to guide the subsequent work of the candidate in qualifying for the degree. The chairman of this committee shall have the major responsibility for supervising the candidate's progress, but another member of the committee may be designated as director of the thesis project if better qualified to assist in the investigation finally approved by the committee.

5. **Progress Expected.** If at any time after an individual has been formally admitted as a candidate for a doctor's degree, a period of three years elapses during which time no objective progress in

course work or thesis investigation is made toward completing degree requirements, this individual's candidacy will be terminated.

6. **Preliminary Examination.** This examination shall be taken after the completion of a master's degree or its equivalent and during the candidate's first semester or summer session on the campus and before the course prescription meeting. It shall be a comprehensive oral examination, from one to two hours in length. It will cover the cultural and general professional backgrounds of the candidate as well as specific course work already completed.

Each doctoral candidate in preparation for his oral preliminary examination shall prepare a summary of his practical experience, and a condensed report of his undergraduate course work with a detailed listing of graduate courses previously taken. The candidate can get a form for this report from the General Office.

The preliminary examination has several purposes:

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

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

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

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

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

7. **Required Course Work.** The candidate 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 of course work or their equivalent, of which a minimum of two semesters of course work 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 or both of which may be within the School of Health, Physical Education, and Recreation, in departments not selected as his major field. He may choose one or more 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 MINORS. The doctoral candidate may choose his two minors in any departments of the University outside his major department, provided he is considered by the departments concerned to possess appropriate previous preparation. It is expected that each minor will consist of approximately fifteen semester hours of graduate study as prescribed by the candidate's committee.

(*e*) THE SPLIT MINOR. In some instances, the educational pattern of the candidate can be completed best by a split minor. A split minor consists of approximately nine semester hours of graduate study in each of two departments. After the candidate has ascertained that he is qualified and acceptable by the two departments concerned, he can then request approval of the split minor by the chairman of his committee.

(*f*) ELECTIVES. Under ordinary conditions, the candidate will be allowed free election of fourteen 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.

(*g*) AMOUNT AND STANDARD OF WORK. The successful candidate must complete at least ninety semester hours of graduate work, including the thesis. A scholarship average higher than a B must be earned by the candidate in all his graduate work.

8. **Written Examination.** This examination shall be taken during the final full semester or summer session of course work. The examination shall be concerned with understanding and information in the fields of the major area only. All three areas of the School shall include in their examination a section covering research and a section covering statistics.

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

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

11. **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 case the thesis is mimeographed, a minimum of 150 copies should be made, of which five must be deposited in the Library.

(*c*) Microcarding was recently approved by the School as a method for meeting the publication requirement. If the author chooses the microcard procedure, he will arrange with the Director of the Bureau of Service and Research to obtain the original copy of his bound thesis and mail this copy to the National Chairman of the Microcard Committee. All transactions will be between the Microcard Committee and the author. When five sets of the microcarded thesis and the original thesis, used therefor, are turned over to the School of Health, Physical Education, and Recreation, the bond will be released.

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

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

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

12. **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 minor fields. Successful passing of this examination by the candidate is necessary in order to qualify for the degree.

GRADUATE COURSES, 1957-58

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

A—Athletics—Courses ending in 80-89.
H—Health—Courses ending in 10-29.

P—Physical Education—Courses ending in 30-49.
R—Recreation—Courses ending in 60-79.
S—Safety—Courses ending in 50-59.
T—Technical Courses—Courses ending in 90-99.

A583. 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.

H510. 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.

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

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

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

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

H515. Health Education Test Construction. (3 cr.)

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

H516. Health Education Curriculum. (3 cr.)

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

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

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

H520. Problems of Athletic Injuries as They Concern the Coach. (2 cr.)

Discussion of the training program, including the training table, athletic trainer's supplies, and the use of therapeutic equipment. Discussion, demonstration, and practical laboratory experiences related to various techniques used in conditioning and bandaging.

H610. Co-ordinating the Health Program in the School and Community. (3 cr.)

Stresses the functions of health co-ordinators in relation to: co-ordination of healthful living, health service, and health instruction; relationship of the school and community health programs; relationship of the various health agencies; use of school health committees and councils and community councils; and co-ordination of planning of health instruction.

H617. Seminar in Health. (Credit arranged.)

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

H618. School Health Surveys. (3 cr.)

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

H720. Research in Health Education and Safety. (Credit arranged.)

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

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

P533. Development of the School Dance Program. (3 cr.)

A course for high school and college teachers of physical education. Emphasis upon knowledge and techniques for improving the dance program.

P534. Problems of Teaching Rhythms in Elementary Grades. (2 cr.)

A course especially designed for elementary teachers and physical education teachers working with elementary pupils. To those wishing to improve their proficiency in teaching this important phase of elementary physical education, this course has much to offer.

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

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

P540. Organization and Administration of Intramural Sports. (2 cr.)

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

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

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

P544. 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 a school administrator.

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

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

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

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

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* For men only.

P547. 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 ability to apply the theory involved.

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

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

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

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

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

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

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

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

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

R573. Outdoor Recreation. (2 cr.)

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

R574. Camping Administration. (2 cr.)

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

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

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

R577. Administration of Community Centers and Playgrounds. (3 cr.)

Concerns the organization and administration of community centers and playgrounds; includes the use of school buildings and grounds for neighborhood recreation centers. Administrative techniques for programs, budgets, policies, and personnel are emphasized.

R578. Maintenance of Park and Recreation Facilities. (2 cr.)

A study of the problems involved in the maintenance of park and recreation facilities with recommendations for solution based on best practices. Includes inspection of areas and facilities.

R579. School Camping. (2 cr.)

Involves preparation for, and actual conducting of, a one-week school day camp. First three weeks involve preparation for camp, discussion relative to conducting school camp programs, training in leadership techniques. Fourth and fifth weeks include actual conducting, in co-operation with University elementary school teachers, of six afternoons of day camping.

R667. Seminar in Recreation. (Credit arranged.)

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

R675. Recreation Surveys. (2 cr.)

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

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

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

R770. Research in Recreation. (Credit arranged.)

S550. Organization of Safety Education. (2 cr.)

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

*S555. Driver Education. (2 cr.)

Designed to meet the needs of teachers and administrators of driver education. Presents a method of teaching the skills of practice driving and considers the developing of attitudes with particular reference to state traffic laws and the need for obedience to them. Dual-control cars are used to teach beginners. Additional fee: $5 a semester. No additional charge in the summer for the intersession or short session.

S655. Problems in Driver Education and Highway Safety. (2 cr.)

Teachers will pursue individual problems and projects directly related to driver education and highway safety. Special emphasis will center on administrative problems, advanced techniques, and the use of tests. Additional fee: $5 a semester. No additional charge in the summer for the intersession or short session.

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

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

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

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

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

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

T593. Public Relations. (2 cr.)

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

T690. Field Problems. (Credit arranged.)

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

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

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* Students not proficient in driving should take S155 as a prerequisite.

ALUMNI ASSOCIATION

of the

SCHOOL OF HEALTH, PHYSICAL EDUCATION, AND RECREATION

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The Alumni Association of the School will hold its annual Summer Conference on Thursday, July 25, 1957.

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