

INDIANA UNIVERSITY

SOUTH BEND-MISHAWAKA CENTER



Second Semester

Classes Begin January 10, 1944

Third Semester Classes Begin May 1

**BULLETIN OF THE EXTENSION
DIVISION, INDIANA UNIVERSITY**

Through Extension Centers located in five major communities of the state, Indiana University offers college instruction designed to extend the opportunities for civic and professional training, for cultural growth and intellectual discipline to all who can profit from the services which a university offers.



CALENDAR, 1943-44

Second Semester

- January 3 to 21* Registration.
January 6 English Exemption examination.
January 10 Classes begin.
April 29 Semester ends.

Third Semester

(First half only)

- April 24 to May 5* Registration.
May 1 Classes begin.
**July 1* First half-semester ends.
June 26 to August 21 Second half-semester at **Bloomington.**

1944-45

First Semester

- August 28 to September 16* Registration.
September 4 Classes begin.
November 30 Thanksgiving recess.
December 22 Semester ends.

* Students going to the Bloomington campus for the second half of the Third Semester may finish the first half in South Bend by June 23 under special arrangement. Inquiry should be addressed to the Executive Secretary in South Bend.

ADMINISTRATIVE AND INSTRUCTIONAL STAFF 1943-44

Officers

- Herman B Wells**, A.M., LL.D., President of the University.
William Lowe Bryan, Ph.D., LL.D., L.H.D., President Emeritus of the University.
Herman Thompson Briscoe, Ph.D., Vice President, and Dean of the Faculties.
Ward Gray Biddle, A.B., Vice President and Treasurer.
Thomas Aubrey Cookson, Registrar, and Secretary of the Board of Trustees.
Ford Poulton Hall, A.B., LL.M., Dean of the Faculties.*
Wendell William Wright, Ph.D., Dean of the Junior Division.
Frank Reel Elliott, Ph.D., Director of Admissions.
Robert Emmet Cavanaugh, A.M., Director of the Extension Division.
Walton Simon Bittner, A.M., Associate Director of the Extension Division.
Lynton Keith Caldwell, Ph.D., Executive Secretary of the South Bend-Mishawaka Extension Center.

Instructional Staff

- Hubert Bonner**, A.M., University of Chicago; Extension Lecturer in Sociology.
Karl Webber Bookwalter, Ed.D., New York University; Assistant Professor of Education.
Roy Arthur Broman, A.M., Indiana University; Extension Lecturer in Mathematics.
Lynton Keith Caldwell, Ph.D., University of Chicago; Assistant Professor of Government in the Extension Division.
Donald Francis Carmony, Ph.D., Indiana University; Assistant Professor of History, AST.
Floyd Harrison Deen, Ph.D., Indiana University; Instructor in English in the Extension Division.
Thelburn Laroy Engle, Ph.D., Indiana University; Instructor in Psychology in the Extension Division.
Ernest Hugh Gerkin, Ph.D., Indiana University; Instructor in Physics, AST.
Otto Templar Hamilton, LL.B., Indiana University; Ph.D., Columbia University; Assistant Professor of Education in the Extension Division.
Marcella Mae Hartman, A.B., Indiana University; Extension Lecturer in French.
Maurice Ivins, Director of the Lyric Choir.

* During Dean Briscoe's absence in Washington for government service.

- Sunder Joshi, A.B.**, University of Bombay; Ph.D., University of Chicago; Extension Lecturer in Oriental Civilizations.
- Thelma Knudson, A.M.**, State University of Iowa; Extension Lecturer in Speech.
- Cecil Leroy Kuhn, A.M.**, Indiana University; Extension Lecturer in Government.
- Walter M. Langford, M.M.L.**, Universidad Nacional de Mexico; Extension Lecturer in Spanish.
- Theodore Russell Larimore, M.S.**, University of Illinois; Assistant Professor of Business Administration in the Extension Division.
- Arnold Wesley Peden, M.S. in Ed.**, Indiana University; Extension Lecturer in Typewriting.
- Naomi Pehrson, A.M.**, Columbia University; Extension Lecturer in Shorthand.
- Frederick S. Port, Sc.D.**, Massachusetts Institute of Technology; Extension Lecturer in Physics.
- James Fletcher Thornburg, J.D.**, Indiana University; Extension Lecturer in Law.
- Earl Clinton Webb, M.S. in Ed.**, Indiana University; Extension Lecturer in Engineering Drawing (Purdue University).
- John Darce Wilmore, A.M.**, Indiana University; Extension Lecturer in Mathematics.

TOWARD A WELL-INFORMED PUBLIC

Indiana University has been officially designated as one of the key centers in the national system of War Information Service.† The schools and colleges in this system provide aids to the intelligent study and understanding of problems of the war and of community problems related to the war. While the University normally acts as an information center through several established channels, it has reorganized and expanded its efforts to meet the wartime emergency.

You are invited to use the services of the War Information Center and the materials available from the University when planning forums, organizing civilian participation groups, designing programs for public meetings related to the war effort—to increase your personal effectiveness in opposing the enemy.

We who live in a democracy have the responsibility of studying its problems. We must understand what our part is in winning the war, in making the peace, in rebuilding our land. Citizens in a democracy must also be students of democracy.

Book lists, study guides, and program outlines are available for individuals and for various types of community groups, panels, forums, clubs, and public meetings.

† Indiana, Purdue, and Notre Dame Universities are the three key centers in Indiana, established under the U.S. Office of Education and the Civilian Morale Services.

BULLETIN OF THE EXTENSION DIVISION, INDIANA UNIVERSITY

Entered as second-class mail matter, October 15, 1915, at the post office at Bloomington, Indiana, under the Act of August 24, 1912. Published eight times a year, by Indiana University from the University Office, Bloomington, Indiana, in the months of September, November, December, January, February, June, July, and August.

Vol. XXIX

BLOOMINGTON, IND.

No. 5

FEBRUARY, 1944

GENERAL INFORMATION

The South Bend-Mishawaka Center of Indiana University was established in 1933 to make available the services of the State University in the St. Joseph valley area and to provide new avenues to intellectual and cultural achievement for all interested persons regardless of previous college experience.

Classes are open to any adult who can pursue the work with profit. *University credit, however, is granted only to those who comply with University entrance conditions.* The Division is always ready to certify any work successfully completed.

Registration

Students should register during the official enrollment period at the Extension Office, where they may fill out proper blanks, pay fees, and receive cards admitting them to classes. Registration is not complete until the initial fee payment is made.

The Office

The Center office is in Room 220, South Bend Central High School, located on St. James Court, between Washington and Colfax Avenues. Office hours through the school year are 12:30 to 5 p.m. and 6:30 to 8:30 p.m. The office closes on Friday afternoons at 5 p.m. Hours on Saturdays are from 8:30 a.m. to 12 noon. Telephone, 3-1717.

Classes

Meetings are in the South Bend Central Senior High School unless otherwise announced.

Program of Study

No student should register for more than fifteen hours a semester without special permission. Persons employed full time are not encouraged to take more than two courses during a semester.

Students working for teachers' licenses and employed in any full-time position may not register for more than five semester hours of work in any one semester without special permission.

Class Attendance

Credit may not be given to any student who has not attended

three-fourths of the class meetings unless arrangements can be made with the instructor for making up the work of the lost meetings. Repeated unexcused failure to attend classes will result in a report of unsatisfactory work.

Visiting Classes

Students, if uncertain about enrollment, may visit classes the first meeting. After the first week visitors must secure permission from the Extension Office. Popular lecture courses must be paid for in advance unless announcement is made otherwise.

Change of Registration

Classes may be withdrawn if registration is deemed insufficient to warrant offering them. In such event fees in full will be refunded. The office must immediately be notified of any change of class or section by the student.

Students desiring to withdraw from a course must notify the Extension Office in writing and must have paid in full all fees required up to the date of notification, regardless of class attendance. Notice to the class instructor does not constitute official withdrawal and a mark of failure (F) will be reported for any withdrawal not officially authorized.

Fees

Payment of fees in full is due at the time of enrollment. A full program of fifteen hours such as would be taken on the campus costs \$75 a semester, or \$150 for the year. Fees are based on the amount of work taken, each subject costing \$5 a credit hour. The fee for graduate courses is \$6 a credit hour.

Auditors or non-credit students pay the regular fees unless special rates are announced.

Deferred Fees

Upon special permission, students may pay fees on an installment basis. Students are required to adhere rigidly to the schedule for payments under this plan. An additional fee of \$1 is required where payments are deferred. A late fee of \$1 may be assessed when a student fails to make deferred payments on time.

Additional Fees

A Late Enrollment Fee of \$1 is required of all students registering after the second week of a semester.

An Examination Fee of \$1 is required of all students who take major examinations (mid-semester or final) at other than the regular times. Laboratory and Breakage Fees may be assessed in certain courses involving use of unusually expensive or fragile equipment.

Refunds

Limited refunds in proportion to the elapsed fraction of the first ten weeks of the semester, dating from the receipt of *written applications*, are allowed. No refunds are paid after the tenth week. If students withdraw from classes, they are required to pay all fees due at the time of *written notification* of withdrawal. A registration fee of \$1 may be retained by the Extension Office.

Grades

Semester Reports

University credit is given to each student upon the satisfactory completion of a course provided the student has met all prerequisites, including the entrance requirements of the University. Grade cards are sent to students from the Extension Division Office at Bloomington at the end of each semester. *Grade reports are not released from the South Bend Office.*

Semester Grades

The quality of a student's work will be indicated by the following grades: A, B, C, D, E (conditioned), and F (failed). These letters stand approximately for per cents as follows: A, 95 to 100; B, 85 to 94; C, 75 to 84; D, 65 to 74. Plus and minus signs may be added to these letters and will be utilized in the computation of a student's final standing in the University.

The term "deferred" will be used in those courses in which a semester grade for the first semester of a year course is withheld until the completion of the second semester of the course. The term "incomplete" will be limited to satisfactory work which is not complete. Neither "deferred" nor "incomplete" will be used to signify work of inferior quality.

Conditions will be imposed only in the case of poor work. They will be changed to failures when not removed within twelve months. When conditions are removed, the work will receive a grade of D. Students who receive the mark of F (failed) must repeat the work in the course before receiving credit for it.

No grade once filed in the Registrar's Office may be changed except with the consent of the Dean upon the request of the instructor.

Transfer of Credit

Extension students who expect to complete their college training at some university other than Indiana should ascertain the admission requirements of that school in order that full credit for work done at the Extension Center be received. Requests for transfer of credit should be addressed to the Indiana University Extension Division, Bloomington, Indiana.

Information Important to Credit Students

Residence Requirements

One-half the regular four-year university course, or sixty hours, may be completed in the Extension Division.

Candidates for the degree of Bachelor of Arts must do the thirty hours' work of the Senior year in residence on the Bloomington campus. Students of Senior standing who have established a satisfactory record through two years' work in residence may, upon written approval of the chairman of the department in which they are doing their major work and with the consent of the Dean of the College of Arts and Sciences, continue their work through the Extension Division.

Correspondence Study Courses

Class work may be supplemented by correspondence courses offered by the Extension Division of Indiana University. Instruction is provided at both high school and college level.

Bulletins describing Correspondence Study courses may be secured from the office of the Center or from the Bureau of Correspondence Study, Indiana University Extension Division, Bloomington, Indiana.

Extension Courses Offered by Purdue University

Many courses offered by the extension centers of Indiana University are equivalent to the required and elective subjects in the curricula of Purdue University. Credits in subjects carried by extension, as they apply to these curricula, will be accepted by Purdue University where the grades received are higher than the lowest passing grade of Indiana University.

Students planning to study engineering, but at present unable to enroll at Purdue University, may receive sufficient credits through a year of extension work to reduce their residence on the campus by approximately one year.

Purdue students can take the following courses in the South Bend Center and later enter Purdue as Sophomores short only one semester each of shop and surveying.

<i>Autumn Semester</i>		<i>Spring Semester</i>	
Chemistry	5 hours	Chemistry	5 hours
English Composition	2 hours	English Composition	2 hours
Engineering Drawing	2 hours	Engineering Drawing	2 hours
Algebra	3 hours	Analytic Geometry	5 hours
Trigonometry	2 hours		

It is recommended that students add two hours of work in public speaking one semester and three hours of work in English literature another semester. The student thereby clears sufficient time in the Sophomore year at Purdue to take shop and surveying work.

PUBLIC LECTURE COURSES CULTURAL AND REGIONAL PROJECTS

Second Semester, 1943-44

The Lyric Choir

Affiliated with Indiana University Extension Division
Maurice Ivins, Conductor

The Lyric Choir is a mixed chorus of thirty-five voices, affiliated, since 1941, with the Extension Division of Indiana University. Under the capable direction of Mr. Maurice Ivins, of Chicago, the Choir has contributed to the cause of good music in the South Bend area by fine renditions of unusual choral music.

Interested singers of the region may apply for membership, but admission to the organization rests with the organization's membership committee and the director. A registration fee of \$3 a semester is required of all members. Rehearsals are held on Mondays from 7:15 to 9:15 p.m. in Room 108, South Bend Central High School.

One-half credit hour per semester may be granted persons who fulfill the requirement of regular attendance and payment of an additional fee of \$2.

Social Changes in Wartime

Hubert Bonner

Beginning Tuesday, January 11, and continuing for five weeks, 8 to 9:15 p.m., Room 217. A series of lectures describing the impact of war upon the home front, as seen by the sociologist. Non-credit. Fee, \$2.50.

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|----------|-----|-----------------------------------|
| January | 11. | War and Morale |
| January | 18. | Race Factors in the War |
| January | 25. | The Family in Wartime |
| February | 1. | War and Juvenile Delinquency |
| February | 8. | War and Personality Maladjustment |

The Future of the Far Pacific

(Far Eastern Politics 214)

Sunder Joshi

Beginning Thursday, January 13, 8:05 to 9:55 p.m., Room 217. Special class fee, \$5. An approach to the politics behind the war in the Far East, through analysis of the problems growing out of the war and prewar eras, and a survey of the prospects for the postwar period. Among the topics to be discussed are:

America and Asia: A Century of Changing Relationships
Chinese National Renaissance: Pattern of a New Society

Korea: Pivot of Far Eastern Politics
Soviet Policy: The Imponderable in Asia's Future
The Philippine Commonwealth: West Meets East
Indonesia: Freedom? What Kind? When? For Whom?
The Anzacs: Island Democracies in the South Pacific

Some Great Books

Lynton K. Caldwell and others

Beginning Wednesday, January 12, and meeting every other week, 8:05 to 9:40 p.m., Indiana University Reading Room. Non-credit reading and discussion course limited to fifteen persons. Class fee, \$3.

Each member of the group will be expected to read the assigned books and will be encouraged to participate in the discussions of the books which are read. The general aims of the course are (1) to encourage serious and thorough reading of worth-while books, (2) to orient reading toward a definite goal of achievement, and (3) to encourage a more active participation in the intelligent discussions of general ideas. Books to be read will include Plato's *Republic*; Machiavelli's *The Prince*; *The Federalist Papers* by Hamilton, Madison, and Jay; and two or three other books to be selected by the group.

There will be no formal lectures. Those participating will be expected to own their copies of the books. In no case will the cost of such books exceed \$1.25 per volume. It is suggested that those who are interested in this course read Mortimer J. Adler's *How to Read a Book* before the first meeting. Copies available at the Extension library.

DESCRIPTION OF COURSES

Second and Third Semesters, 1943-44

The following descriptions cover courses which carry credit toward a degree. The credit courses are practically identical with those offered in residence at the University. A student who receives credit for an extension course is not permitted to take the same or similar course in residence and receive credit for both.

A number of courses have specific prerequisites; students not familiar with these prerequisites should consult the instructor before enrolling in the course.

Graduate Work

There are two groups of students who may wish to do graduate work in extension, namely, those who are interested in graduate degrees and those who are not. Students in the latter group are not concerned about meeting requirements for degrees, and hence may do much as they like. Students working for a Master's degree, however, must meet requirements for that degree. One of the requirements is that the program should be planned. This planning can be done only by the student and the chairman of the department concerned. It may be done by writing directly to him, or by writing to the Dean of the Graduate School, Bloomington.

While the courses in academic subjects listed in this bulletin are college courses, some of them may be applied toward a Master's degree provided they fit into a planned program. It is the student's responsibility to get this information. See the Bulletin of the Graduate School for further requirements for the A.M. degree.

Additional Class Meetings

In certain courses, meetings in addition to those listed in this bulletin may be required. Arrangements for these are made according to the needs in particular courses, and are completed after consultation between the instructor and class, following the first class meeting.

All classes meet in the South Bend Central High School building except when otherwise indicated.

SECOND SEMESTER CLASSES

January 10 to April 29

Business

E101b. Introduction to Accounting. (3) \$15. Monday, 6:05 p.m.
Room 217. **Mr. LARIMORE.**

A summary problem to consolidate the accounting principles of Business 101a. Types of business organizations with accounting considerations, partnership accounting, corporation accounting, emphasis on capital stock, accounting for a manufacturing business, departmental accounting. Prerequisite, 101a.

South Bend-Mishawaka Center

E140b. Beginning Typewriting. (1½) \$10. Monday and Thursday,
6:05 p.m. Room 210. Mr. PEDEN.

For students with no previous instruction in typewriting who wish vocational proficiency for either office work or business teaching. Emphasis on operating technique. Special attention to basic skills necessary for typewriting production in an office.

E141b. Advanced Typewriting. (1½) \$10. Monday and Thursday,
6:05 p.m. Room 210. Mr. PEDEN.

The objective is proficiency adequate to meet all vocational requirements; provides for utilization of typewriting skill in writing letters, in preparing manuscripts, statistical and financial reports, legal documents. Standards based upon office production requirements.

E142b. Beginning Shorthand. (2½) \$12.50. Monday and Thursday,
8:05 p.m. Room 205. Miss PEHRSON.

Gregg Shorthand. Course is for students with no previous instruction in shorthand or with inadequate preparation for advanced shorthand courses. Acquisition of basic skills acquired early; intensive speed-building program. The plan of instruction permits the student to progress as rapidly as he is able.

E143b. Advanced Shorthand. (2½) \$12.50. Monday and Thursday,
6:30 p.m. Rooms 205 and 210. Miss PEHRSON.

Gregg Shorthand. Intensive speed-building program through shorthand vocabulary study and planned dictation. A student may progress as rapidly as he is able. The stenographic skill attained is adequate to meet occupational requirements.

E205. Cost Accounting. (3) \$15. Tuesday, 8:05 p.m. Room 224.
Mr. LARIMORE.

Prerequisite, Business 102 or permission of instructor. Material control through requisition, subsidiary records, and summary accounts. Payroll preparation; labor costing, including payroll taxes; factory wage systems; gathering actual overhead expenses through control and subsidiary accounts. Departmentalization of factory burden. Journals, ledgers, original papers, cost summaries, and statements.

E260. Business Law—Contracts. (3) \$15. Wednesday, 8:05 p.m.
Room 223. Mr. THORNBURG.

A brief survey of the development and function of law; a study of essentials of a binding contract, of the statute of frauds, of the interpretation of and performance of contracts, of the remedies granted in the event of the breach of a contract, and of the assignment of contracts.

Chemistry

E103b. General Chemistry (Inorganic). (5) \$28. Monday and Wednesday, 6:05 p.m. Room 206.

Prerequisite, Chemistry 103a. Fundamental properties, principles, and reactions of compounds.

Economics

E101b. Principles of Economics. (3) \$15. Monday, 8:05 p.m. Room
217. Mr. LARIMORE.

Continuation of Economics 101a.

Education

E211. Advanced Educational Psychology. (3) \$15. Tuesday, 8:05 p.m. Room 216.

General principles of elementary psychology applied to modern school work. A study of the psychological development and adjustment of both child and teacher, the psychology of learning, of appreciations, attitudes, concepts, and ideals. Techniques for measuring both subject-matter achievement and the broader aspects of individual differences. Prerequisites, Psychology 101 or Education 111, or the equivalent of either, and Sophomore standing.

Graduate Courses in Education

All graduate students in education should consult the Bulletin of the School of Education as to general regulations, options for degrees, and possibilities of satisfying administrative license requirements while satisfying the requirements for either the A.M. or M.S. degree.

Beginning graduate students in education should submit an official transcript of their undergraduate work at once to the School of Education, Indiana University. At the same time, request should be made for an admission blank, which should be filled out and returned to the Dean of the School of Education.

Seniors may be admitted to the following courses upon the consent of the instructor. In no case may more than one-third of those enrolled be undergraduates.

No student holding a full-time teaching position may carry more than five hours of work in one semester.

E535. Supervision of the Elementary Curriculum. (2½) \$15. Friday, 5 p.m. Room 217. Mr. HAMILTON.

E544P.Ed. Administration of Physical Education. (2½) \$15. Saturday, 8 a.m. Room 217. Mr. BOOKWALTER.

E543P.Ed. Supervision and the Curriculum in Physical Education. (2½) \$15. Saturday, 10 a.m. Room 217.

or

E577P.Ed. Measurement of Objectives and Outcomes of Health and Physical Education. (2½) \$15. Saturday, 10 a.m. Room 217. Mr. BOOKWALTER.

E571. School Budgets and Accounting. (2½) \$15. Friday, 7:30 p.m. Room 217. Mr. HAMILTON.

English

The examination for exemption from English Composition will be held on January 6, at 7 p.m., at the Extension Center in Central High School. Students planning to take the examination, offered without charge, should notify the office in advance. (Papers must be written in ink.) The examination is optional. Credit students who do not wish to take the test must enroll for Composition E101a. See below.

South Bend-Mishawaka Center

Review Essentials of English. (non-credit) \$5. Thursday, 6:30 p.m.
Room 222. Miss HARTMAN.

Thorough drill in the essentials of simple grammar, punctuation, sentence structure, and word usage. Review tests will be given at regular intervals to check the student's progress. For those who have not attended high school, for business people, and for high school graduates insufficiently prepared for college composition. Fee, \$2.50 for students enrolled in writing classes. Students deficient in English composition may be required to take this course.

E101a. Elementary Composition. (2) \$10. Wednesday, 6:05 p.m.
Room 224. Mr. DEEN.

The writing and criticism of a theme a week. General study of mechanics, including grammar, punctuation, sentence structure, paragraphing.

E101b. Elementary Composition. (2) \$10. Section I. Monday, 4 p.m. Room 217; Section II. Friday, 6:05 p.m. Room 224.
Mr. DEEN.

A progressive course in written expression beginning with a mastery of the fundamentals of grammatical relationships and paragraph building and continuing to clear, forceful exposition in the statement of problems and autobiography.

E101c. Elementary Composition. (2) \$10. Tuesday, 6:05 p.m. Room 224.

A continuation of English 101a and 101b. Stress is on the proper choice of words for effective expression and on learning to apply in written form the technique of the essay, the description, the narrative, and the simple research study.

E102b. Freshman English Literature. (3) \$15. Friday, 8:05 p.m.
Room 224.

Continuation of English 102a, a study of poetry and the novel.

E237a. Victorian Poetry. (3) \$15. Wednesday, 8:05 p.m. Room 222.

Emphasis on study of Tennyson's poetry. Attention also given to the work of Arnold, Clough, and some of the more interesting and significant minor poets.

Speech

E160b. Public Speaking. (2) \$10. Thursday, 6:05 p.m. Room 217.
Miss KNUDSON.

A continuation of Course 160a; affords the student further practice and criticism in speaking. Emphasis is placed on the development of the longer speech. Some time is given to voice improvement.

French

E101b. Elementary Course. (5) \$25. Tuesday and Thursday, 8:05 p.m. Room 222. Miss HARTMAN.

Second semester French. Open for credit to those who have had one year of French in high school or one semester of French in the University.

Government

E101b. American Government: State and Local Government. (3) \$15.
Monday, 8:05 p.m. Room 218. Mr. KUHN.

This course deals with the constitutional status of the states in the Union, their internal structure, and services, with special emphasis on Indiana.

Bulletin of the Extension Division

E214. Far Eastern Politics. ($2\frac{1}{2}$) \$12.50. Thursday, 8:05 p.m.
Room 217. Mr. JOSHI.

The foreign policies of China and Japan in relation to the West are discussed from the middle of the nineteenth century to the present. The domestic politics of these two countries are considered in so far as they relate to the international politics of the region.

History

E105b. American History (from 1840). (3) \$15. Monday, 6:05 p.m.
Room 225. Mr. CALDWELL.

Politics in the 1850's, western expansion and slavery, the Civil War, Reconstruction, occupation of the Far West, the economic revolution, monetary and fiscal problems, civil service reform, Populism, American participation in world politics, the Progressive movement, World War I, and recent developments.

E190b. History of Latin America. (3) \$15. Monday, 8:05 p.m.
Room 225.

Problems of independence, relations with Europe and with the United States, the recent period.

Mathematics

E102. College Algebra. (3) \$15. Wednesday, 8:05 p.m. Room 224.
Mr. BROMAN.

The regular Freshman course in algebra. Open to students who have had high school algebra and geometry.

E103a. Trigonometry. (2) \$10. Friday, 8:05 p.m. Room 120.
Mr. WILMORE.

Definition and fundamental properties of the trigonometric functions, identities, inverse functions, graphs; radian measure, addition formulas, logarithms, solution of triangles with applications, trigonometric equations, complex numbers, spherical triangles with applications. Prerequisite, Mathematics 101; prerequisite or concurrent, Mathematics 102.

E106. Plane Analytic Geometry. (5) \$25. Wednesday and Friday,
6:05 p.m. Room 120.

Study of coordinates, straight line, circle, parabola, ellipse, hyperbola, transformation of coordinates, polar coordinates, etc.

Music

E20a. Lyric Choir (Choral Union). ($\frac{1}{2}$) \$5 (\$3 non-credit). Monday,
7:15 p.m. Room 108. Mr. IVINS.

Philosophy

E209. Religious Leaders of Mankind. (3) \$15. Thursday, 6:05 p.m.
Room 216. Mr. JOSHI.

A study of Amos, Confucius, Gautama, Jesus, Lao-tse, Mohammed, Moses, and Zoroaster. These personalities and their teachings will be treated historically and studied against the background of their age and environment.

Physics

E101b. General Physics. (5) \$28. Tuesday and Thursday, 6:30 p.m.
Room 221. Mr. PORT.

The study of magnetism, electric current, and heat. Open to beginning students in physics.

Psychology

E141. Applied Psychology. (3) \$15. Tuesday, 6:05 p.m. Room 216.
Mr. ENGLE.

A second course in which the psychological study of special problems is discussed. Principal topics will be psychology and social problems, psychology and law, psychology and medicine, psychology in industry, psychology and art. The course is designed to follow its prerequisite, Psychology 101.

E211. Advanced Educational Psychology. (See Education.)

Sociology

E101b. Principles of Sociology. (3) \$15. Tuesday, 4 p.m. Room 217.
Mr. BONNER.

Factual description and theoretical interpretation of personality, group, class, community, institution; processes in cultural change.

E235. The Family. (3) \$15. Tuesday, 6:05 p.m. Room 217.
Mr. BONNER.

The family as a social institution, changing family folkways, the family in relation to development of personality of its members, disorganization of the family, predicting success and failure in marriage. Prerequisite, Sociology 101b.

Spanish

Conversational Spanish. (non-credit) \$10. Tuesday and Thursday,
6:30 p.m. Room 223. Mr. LANGFORD.

Primarily for those wishing to learn something of the language without going into the details of Spanish grammar. Practical, everyday Spanish valuable for conversational facility in the language. A general introduction to Latin-American culture. The interests of those enrolled may partially determine the nature of the course.

E115b. Elementary Course. (5) \$25. Tuesday and Thursday, 8:05
p.m. Room 223. Mr. LANGFORD.

SCHEDULE OF CLASSES

Second Semester, 1943-44

January 10 to April 29

MONDAY	THURSDAY
<i>Room</i>	<i>Room</i>
4 p.m. English Composition 101b, Section I217 6:05 p.m. American History 105b225 Typewriting 140b, 141b210 *Accounting 101b217 Chemistry 103b206 6:30 p.m. Shorthand 143b205, 210 7:15 p.m. Music 20a (Lyric Choir)108 8:05 p.m. Shorthand 142b205 Economics 101b217 *Government 101b218 *History of Latin America 190b225	6:05 p.m. Typewriting 140b, 141b210 *Philosophy 209216 Public Speaking 160b217 6:30 p.m. Physics 101b221 Conversational Spanish223 Review Essentials of English222 Shorthand 143b205, 210 8:05 p.m. Shorthand 142b205 Far Eastern Politics 214 (The Future of the Far Pacific)217 Spanish 115b223 French 101b222
<i>TUESDAY</i>	<i>FRIDAY</i>
4 p.m. *Sociology 101b217 6:05 p.m. English Composition 101c224 *Applied Psychology 141216 *The Family 235217 Physics 101b221 6:30 p.m. Conversational Spanish223 8 p.m. Social Changes in Wartime217 8:05 p.m. Spanish 115b223 French 101b222 Educational Psychology 211216 Cost Accounting 205224	5 p.m. Education 535217 6:05 p.m. English Composition 101b, Section II224 Analytic Geometry 106120 7:30 p.m. Education 571217 8:05 p.m. English Literature 102b224 Trigonometry 103a120
<i>WEDNESDAY</i>	<i>SATURDAY</i>
6:05 p.m. English Composition 101a224 Analytic Geometry 106120 Chemistry 103b206 8:05 p.m. Some Great Books219 Algebra 102224 Business Law 260223 Victorian Poetry 237a222	8 a.m. Education 544P.Ed.217 10 a.m. Education 577P.Ed. or 543P.Ed.217

* Additional meetings may be arranged.

THIRD SEMESTER CLASSES

First Half: May 1 to July 1*

Botany

E117t. Nature Study: Trees. (2) \$10. Tuesday and Thursday, 4:15 p.m. Room 222.

Identification, characteristics, and habitats of trees, bushes, and plants common to this region.

Business

E101a. Introduction to Accounting. (3) \$15. Tuesday and Thursday, 8:05 p.m. Room 217. **Mr. LARIMORE.**

A beginning course open to those who have never kept books or studied book-keeping. Required of all students in business.

E140a. Beginning Typewriting. (1½) \$10. Monday and Thursday, 6:05 p.m. Room 210. **Mr. PEDEN.**

For students with no previous instruction in typewriting who wish vocational preparation for either office work or business teaching.

E141a. Advanced Typewriting. (1½) \$10. Monday and Thursday, 6:05 p.m. Room 210. **Mr. PEDEN.**

The objective is proficiency adequate to meet all vocational requirements.

Refresher Course in Shorthand. (5 weeks; non-credit) Monday and Thursday, 7:50 p.m. Room 205. **Miss PEHRSON.**

Economics

E102. Economic History. (3) \$15. Monday and Wednesday, 6:05 p.m. Room 217. **Mr. LARIMORE.**

The historical background of the economic development of the United States; a survey of the development of agriculture, industry, and commerce from the first settlement to the present time.

E212a. Introduction to Labor Economics. (3) \$15. Monday and Wednesday, 8:05 p.m. Room 217. **Mr. LARIMORE.**

This course will be conducted as a forum on labor problems. Its purpose is to survey the problems which arise out of employer-employee relationship, unemployment, wages and hours, unions, union activities, etc.

English

E101a. Elementary Composition. (2) \$10. Monday and Wednesday, 6:05 p.m. Room 218. **Mr. DEEN.**

E101c. Elementary Composition. (2) \$10. Monday and Wednesday, 8:05 p.m. Room 218. **Mr. DEEN.**

* Students attending the second term on the Bloomington campus may finish first term work by June 23.

E102a. Freshman English Literature. (3) \$15. Tuesday and Thursday, 3:45 p.m. Room 218. **Mr. DEEN.**

The essay: its origin and history; representative essays of Bacon, Addison, Steele, Lamb, Hazlitt, Arnold, Stevenson, and other writers, both early and modern. The drama: comedy, tragedy, and their subdivisions; detailed study of five or six plays ranging from Shakespeare's day to modern times. Required of English majors.

E121a. Sophomore English Literature. (3) \$15. Tuesday and Thursday, 8:05 p.m. Room 223. **Mr. DEEN.**

A study of representative great English authors. During the summer semester selections from the works of Chaucer, Spenser, and Milton are read. An attempt is made not only to acquaint the student with the selections read, but also to give him some adequate idea of the totality of the work of each author. Required of all English majors.

Geology and Geography

E204. Meteorology. (3) \$15. Tuesday and Thursday, 8:05 p.m. Room 218.

This course in the study of the weather is relatively non-mathematical and presented more from the viewpoint of the geographer than from that of the physicist. An elementary knowledge of physics is helpful but is not an absolute prerequisite. Major topics covered are: the atmosphere, its composition and vertical structure; meteorological instruments, their construction and uses; solar radiation and its effects upon land, air, and water; methods of heat transfer; the moisture of the atmosphere; causes and forms of precipitation; wind and pressure relations; general circulation of the atmosphere; secondary circulations of the atmosphere; cyclones and anti-cyclones; thunderstorms and tornadoes; air masses and their characteristics; weather maps and weather forecasting.

Government

E202a. American Federal Government. (3) \$15. Monday and Wednesday, 3:45 p.m. Room 225. **Mr. CALDWELL.**

A study of the structure and function of the federal system of government and of the constitutional theories upon which that system is based. Federal relations with states, territories, and insular possessions will be analyzed, and emphasis placed on the growth of democracy in American political life.

History

E218a. American Parties and Party Leaders, 1791-1845. (2) \$10. Monday and Wednesday, 8:05 p.m. Room 222. **Mr. CALDWELL.**

A detailed study of the origin of the Federalist and the Republican parties and of party history well into the Whig period. Jefferson, Hamilton, Madison, Clay, Calhoun, Webster, John Quincy Adams, Jackson, Van Buren, and the part they played in the political history of the nation. Lectures and outside reading. Prerequisite, American History.

Mathematics

E102. College Algebra. (3) \$15. Monday and Wednesday, 8:05 p.m. Room 224. **Mr. BROMAN.**

Regular Freshman course. Prerequisite, high school algebra and geometry.

South Bend-Mishawaka Center

E103a. Trigonometry. (2) \$10. Tuesday and Thursday, 6:05 p.m.
 Room 120. **Mr. WILMORE.**

Regular Freshman course. Prerequisite, high school algebra and geometry; to be preceded or accompanied by Mathematics 102.

Zoology

E104. Birds. (2) \$10. Saturday, 8 a.m. Room 218.
 Field trips arranged.

SCHEDULE OF CLASSES

Third Semester (First Half, 1943-44)

May 1 to July 1

<i>MONDAY and WEDNESDAY</i>	<i>TUESDAY and THURSDAY</i>
<i>Room</i>	
3:45 p.m.	3:45 p.m.
American Government 202a225	Freshman English Literature 102a218
6:05 p.m.	4:15 p.m.
Economic History 102217	Botany 117t (Trees)222
English Composition 101a218	6:05 p.m.
8:05 p.m.	Trigonometry 103a120
English Composition 101c218	8:05 p.m.
Labor Economics 212a217	Accounting 101a217
American Parties and Party Leaders 218a 222	Meteorology 204218
College Algebra 102224	Sophomore English Literature 121a223
<i>MONDAY and THURSDAY</i>	<i>SATURDAY</i>
6:05 p.m.	8 a.m.
Typewriting 140a, 141a210	Zoology 104 (Birds)218
7:50 p.m.	
Review Shorthand205	

FRESHMAN PROGRAM OF STUDY

Pre-Medical Work

Three years, or ninety-four semester hours, of collegiate work are required of all students for matriculation in the Indiana University School of Medicine. Approximately two years of this work, including required subjects, may be done in the Extension Center. See Bulletin of School of Medicine for further information.

The following program is recommended for full-time Freshman students:

<i>First Semester</i>		<i>Second Semester</i>	
	<i>Hours</i>		<i>Hours</i>
Foreign Language	5	Foreign Language	5
General Chemistry 108a	5	General Chemistry 103b	5
English Composition 101a	2	English Composition 101b	2
History, Government, or Economics ...	3	History, Government, Economics or Sociology	3

Pre-Business Work

A minimum of twenty-five credit hours, including the requirements listed below, with a "C" average grade, admits the student to the School of Business. The Sophomore year of the School of Business may also be completed in an Extension Center, provided the required courses are offered.

The following program is recommended for full-time Freshman students:

<i>First Semester</i>		<i>Second Semester</i>	
Introduction to Accounting 101a	3	Introduction to Accounting 101b	3
English Composition 101a	2	English Composition 101b	2
American History 105a	3	Introduction to Business 100	3
or		Freshman English Literature 102b	3
History of Western European Civili- zation 101a	3	Mathematics, Science, or Foreign Language*	3-5
Freshman English Literature 102a	3		
Mathematics, Science, or Foreign Language*	3-5		

* Students lacking three units of high school mathematics must take College Algebra, 102, in the Freshman year. Freshmen may take Principles of Economics 101a and 101b if they wish.

Pre-Law Work

A student may take as much as two years of extension work if he plans to enter the School of Law with a degree. Otherwise, ninety semester hours of credit, at least sixty hours of which must have been done in residence, exclusive of required work in physical education and military science, from either the College of Arts and Sciences or the School of Business, are required for entrance to the Indiana University School of Law. The ninety semester hours are specified in a required curriculum; otherwise a degree is required for admission. See the Bulletin of the School of Law for further information.

South Bend-Mishawaka Center

The following program is recommended for full-time Freshman students:

<i>Arts and Sciences—Law</i>	
<i>First Semester</i>	<i>Second Semester</i>
English Composition 101a2	English Composition 101b2
Elementary Spanish 115a5	Elementary Spanish 115b5
American Government 101a3	American Government 101b3
General Chemistry 103a	General Chemistry 103b5
or	or
Animal Biology5	Vertebrate Zoology4
<i>Business—Law</i>	

See Business program.

Pre-Dental Work

Two years, or sixty semester hours, of collegiate work are required of all students for admission to the Indiana University School of Dentistry. This work may be taken in an Extension Center provided the required courses are offered.

The following program is recommended for full-time Freshman students:

<i>First Semester</i>	<i>Second Semester</i>
General Chemistry 103a5	General Chemistry 103b5
English Composition 101a2	English Composition 101b2
Animal Biology 1035	Vertebrate Zoology 1064
Electives3	Electives3

Technicians' Course

Two years of the work required for the B.S. degree in medical technology are offered in the Extension Center. The following program is recommended for full-time Freshman students:

<i>First Semester</i>	<i>Second Semester</i>
Elementary Spanish 115a5	Elementary Spanish 115b5
English Composition 101a2	Trigonometry 103a2½
Chemistry 103a5	Chemistry 103b5
English Literature 102a3	English Literature 102b3

Social Work

The demand for social workers was greatly increased about ten years ago when the federal social security laws were passed and when each county in Indiana organized welfare departments. Complete professional training for social work positions has been provided by the Indiana University Graduate Training Course for Social Work. Less complete training is provided by an undergraduate curriculum leading to the B.S. degree. The following program is suggested for Freshman students:

<i>First Semester</i>	<i>Second Semester</i>
English Composition 101a2	English Composition 101b2
English Literature 102a3	English Literature 102b3
Physiology 1035	Chemistry 101a or5
or	other science in Group III A
Zoology 1035	Sociology 101b3
Sociology 101a3	Government 101a3
Elective2	